

Product Quick Guide

NON-CCTV PRODUCTS

2025



Video Intercom

Video Intercom Highlights

- 01 IP Series
- 02 2-Wire Series
- 03 4-Wire Series

Video Intercom Product Showcase

- 04 IP Series
- 19 SIP Server
- 20 SIP Phone
- 21 2-Wire Series
- 28 4-Wire Series
- 30 Video Intercom Kit
- 35 Panic Alarm Panel
- 37 Accessories

Speed Gates & Turnstiles

Speed Gates & Turnstiles Highlights

- 79 Prime Pass Series

Speed Gates & Turnstiles Product Showcase

- 80 Prime Pass
- 81 Swing Barriers
- 82 Swing Gates
- 82 Flap Barriers
- 83 Tripod Turnstiles
- 84 Full-Height Turnstiles
- 84 Gate Opener / Door Operator

Access Control

Access Control Highlights

- 42 MinMoe Face Recognition Terminal
- 43 2nd Generation Professional Access Control

Access Control Product Showcase

- 44 Face Recognition Terminal
- 54 Access Controller
- 58 Access Control Terminal
- 63 Card Reader
- 67 Visitor Terminal
- 67 Payment Terminal
- 68 Elevator Controller
- 69 Enroller
- 70 Accessories

Alarm

Alarm Highlights

- 85 Wireless Alarm System - AX HOME Series
- 86 Wireless Alarm System - AX PRO Series
- 87 Hybrid Alarm System - AX HYBRID PRO ^{G2} Series

Alarm Product Showcase

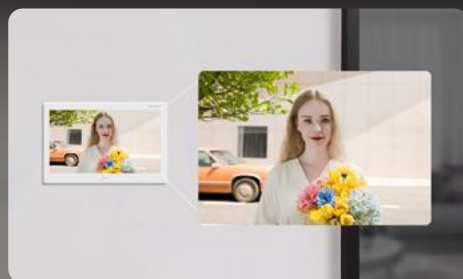
- 88 AX BATT Series
- 90 AX HOME Series
- 93 AX PRO Series
- 104 AX HYBRID PRO Series
- 111 AX HYBRID PRO ^{G2} Series
- 113 Accessories

Video Intercom – IP Series

A simple touch – Step up to a new level of convenience

Hikvision's IP Series Video Intercom System delivers a new level of convenience for a wide range of scenarios including apartments and suburban homes.

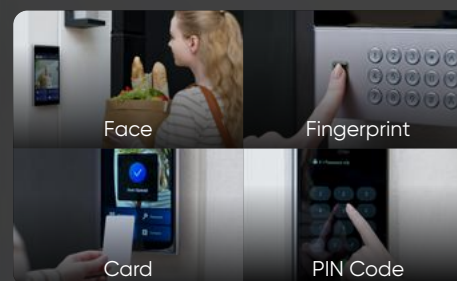
The IP Series products boast great image quality, along with mobile controls, friendly touchscreens, visualized interfaces, and more.



HD image quality



Mobile control



Intelligent authentication



Friendly touchscreen

Video Intercom - 2-Wire Series

See clearly. Upgrade easily.

The smart retrofit solution for apartments:

- Reuse existing wiring with minimized infrastructure costs
- Enable quick deployment and security upgrades
- Enjoy mobile access and 24/7 protection

Residential building intercom retrofitting

- Upgrade existing system
- Reuse original cabling
- Reduce costs

The solution is also suitable for new apartment & villa projects.



Video Intercom - 4-Wire Series

Security starts from your door

In traditional homes, visitors knock or use the doorbell – and security is nonexistent.

Now, Hikvision's 4-wire Video Intercom Kit can easily solve all these, making your home more secure and comfortable.



Clear image quality



Plug & Play



One touch calling



Cost-effectiveness

4-wire Hybrid



DS-KIS302



DS-KIS303

4-wire Hybrid HD



DS-KIS312



DS-KIS313

4-wire Analog



DS-KIS202



DS-KIS203



DS-KIS204

4-wire HD



DS-KIS212



DS-KIS213



Hik-Connect

Easy remote
management

IP Indoor Station

Product						
Product Model	DS-KH9310-WTE1(B)	DS-KH9510-WTE1(B)	DS-KH8520-WTE1	DS-KH8350-WTE1	DS-KH8350-TE1	DS-KH8381-WTE1
Operation System	Android 10.1	Android 10.1	Linux	Linux	Linux	Linux
Display Screen	7-inch	10.1-inch	10.1-inch	7-inch	7-inch	7-inch
Display Resolution	1024 × 600	1024 × 600	1024 × 600	1024 × 600	1024 × 600	1024 × 600
Operation Method	Capacitive touch screen	Capacitive touch screen	Capacitive touch screen	Capacitive touch screen, IPS	Capacitive touch screen, IPS	Capacitive touch screen, IPS
Audio Input	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone
Audio Output	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker
Audio Compression Standard	G722.1, OPUS, AAC_LC, AAC_LD, G726, G711.U, G711.A	G722.1, OPUS, AAC_LC, AAC_LD, G726, G711.U, G711.A	G.711 U, G.711 A	G.711 U, G.711 A, G.722.1	G.711 U, G.711 A, G.722.1	G.711 U, G.711 A, Opus, AAC-LD, AAC-LC, G.726, G.722.1
Wi-Fi	√	√	√	√	-	√
Ethernet	10/100 Mbps self-adaptive	10/100 Mbps self-adaptive	10/100 Mbps self-adaptive	10/100 Mbps self-adaptive	10/100 Mbps self-adaptive	10/100 Mbps self-adaptive
Network Protocol	TCP/IP, SIP, RTSP	TCP/IP, SIP, RTSP	TCP/IP, SIP, RTSP	TCP/IP, SIP, RTSP	TCP/IP, SIP, RTSP	TCP/IP, SIP, RTSP
Alarm Input	8	8	8	8	8	8
Network Interface	1 RJ-45 10/100 Mbps self-adaptive	1 RJ-45 10/100 Mbps self-adaptive	1 RJ-45 10/100 Mbps self-adaptive	1 RJ-45 10/100 Mbps self-adaptive	1 RJ-45 10/100 Mbps self-adaptive	1 RJ-45 10/100 Mbps self-adaptive
RS-485	1	1	1	1	1	1
I/O Output	-	-	2	2	2	-
TF Card (Micro SD Card)	Supports TF card for up to 128 G	Supports TF card for up to 128 G	Max to 128 G, SD 2.0 or lower version	Supports TF card for up to 128 G	Supports TF card for up to 128 G	Supports TF card for up to 128 G
Power Supply	12 VDC, 1 A, IEEE802.3af, standard PoE	12 VDC, 1 A, IEEE802.3af, standard PoE	12 VDC, 1 A, IEEE802.3af, standard PoE	12 VDC, 1 A, IEEE802.3af, standard PoE	12 VDC, 1 A, IEEE802.3af, standard PoE	12 VDC, 1.5 A, IEEE802.3at, Standard PoE
Power Consumption	≤ 12 W	≤ 12 W	≤ 6 W	≤ 8 W	≤ 8 W	≤ 12 W
Working Temperature	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 50 °C (14 °F to 122 °F)
Working Humidity	10% to 90% (no-condensing)	10% to 90% (no-condensing)	10% to 90% (no-condensing)	10% to 90% (no-condensing)	10% to 90% (no-condensing)	10% to 90% (no-condensing)
Dimensions (L × W × H)	187 mm × 137 mm × 25.7 mm (7.36" × 5.39" × 1.01")	254 mm × 166 mm × 26.65 mm (10.0" × 6.54" × 1.05")	254 mm × 166 mm × 22.55 mm (10.0" × 6.5" × 0.89")	180 mm × 140 mm × 22.4 mm (7.09" × 5.51" × 0.88")	180 mm × 140 mm × 22.4 mm (7.09" × 5.51" × 0.88")	180.4 mm × 128.4 mm × 21.8 mm (7.10" × 5.06" × 0.86")

IP Indoor Station

Product						
Product Model	DS-KH8381-WTE1/Flush	DS-KH8381-TE1	DS-KH8380-WTE1	DS-KH8380-WTE1/Flush	DS-KH8380-TE1	DS-KH6320-TE1
Operation System	Linux	Linux	Linux	Linux	Linux	Linux
Display Screen	7-inch	7-inch	7-inch	7-inch	7-inch	7-inch
Display Resolution	1024 × 600	1024 × 600	1024 × 600	1024 × 600	1024 × 600	1024 × 600
Operation Method	Capacitive touch screen, IPS	Capacitive touch screen, IPS	Capacitive touch screen	Capacitive touch screen	Capacitive touch screen	Capacitive touch screen
Audio Input	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone
Audio Output	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker
Audio Compression Standard	G.711 U,G.711 A,Opus,AAC-LD,AAC-LC,G.726,G.722.1	G.711 U,G.711 A,Opus,AAC-LD,AAC-LC,G.726,G.722.1	G.711 U,G.711 A,Opus,AAC-LD,AAC-LC,G.726,G.722.1	G.711 U,G.711 A,Opus,AAC-LD,AAC-LC,G.726,G.722.1	G.711 U,G.711 A,Opus,AAC-LD,AAC-LC,G.726,G.722.1	G.711 U,G.711 A,G.722.1
Wi-Fi	√	-	√	√	-	-
Ethernet	10/100 Mbps self-adaptive	10/100 Mbps self-adaptive	10/100 Mbps self-adaptive	10/100 Mbps self-adaptive	10/100 Mbps self-adaptive	10/100 Mbps self-adaptive
Network Protocol	TCP/IP, SIP, RTSP	TCP/IP, SIP, RTSP	TCP/IP, SIP, RTSP	TCP/IP, SIP, RTSP	TCP/IP, SIP, RTSP	TCP/IP, SIP, RTSP
Alarm Input	8	8	8	8	8	8
Network Interface	1 RJ-45 10/100 Mbps self-adaptive	1 RJ-45 10/100 Mbps self-adaptive	1 RJ-45 10/100 Mbps self-adaptive	1 RJ-45 10/100 Mbps self-adaptive	1 RJ-45 10/100 Mbps self-adaptive	1 RJ-45 10/100 Mbps self-adaptive
RS-485	1	-	1	1	-	-
I/O Output	-	-	-	-	-	-
TF Card (Micro SD Card)	Supports TF card for up to 128 G	Supports TF card for up to 128 G	Supports TF card for up to 128 G	Supports TF card for up to 128 G	Supports TF card for up to 128 G	Supports TF card for up to 128 G
Power Supply	12 VDC, 1.5 A, IEEE802.3at, Standard PoE	12 VDC, 1.5 A, IEEE802.3at, Standard PoE	12 VDC, 1.5 A, IEEE802.3at, Standard PoE	12 VDC, 1.5 A, IEEE802.3at, Standard PoE	12 VDC, 1.5 A, IEEE802.3at, Standard PoE	12 VDC, IEEE802.3af, Standard PoE
Power Consumption	≤ 12 W	≤ 12 W	≤ 12 W	≤ 12 W	≤ 12 W	≤ 5 W
Working Temperature	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)	10 °C to 55 °C (14 °F to 131 °F)
Working Humidity	10% to 90% (no-condensing)	10% to 90% (no-condensing)	10% to 90% (no-condensing)	10% to 90% (no-condensing)	10% to 90% (no-condensing)	10% to 90% (no-condensing)
Dimensions (L × W × H)	180.4 mm × 128.4 mm × 21.8 mm (7.10" × 5.06" × 0.86")	180.4 mm × 128.4 mm × 21.8 mm (7.10" × 5.06" × 0.86")	178.4 mm × 126.4 mm × 21.8 mm (7.02" × 4.98" × 0.86")	178.4 mm × 126.4 mm × 21.8 mm (7.02" × 4.98" × 0.86")	178.4 mm × 126.4 mm × 21.8 mm (7.02" × 4.98" × 0.86")	200 mm × 140 mm × 15.1 mm (7.9" × 5.5" × 0.6")

IP Indoor Station

Product						
Product Model	DS-KH6320-WTE1	DS-KH6350-TE1	DS-KH6350-WTE1	DS-KH6350-WTE1/White	DS-KH6351-TE1	DS-KH6351-WTE1
Operation System	Linux	Linux	Linux	Linux	Linux	Linux
Display Screen	7-inch	7-inch	7-inch	7-inch	7-inch	7-inch
Display Resolution	1024 × 600	1024 × 600	1024 × 600	1024 × 600	1024 × 600	1024 × 600
Operation Method	Capacitive touch screen	Capacitive touch screen	Capacitive touch screen	Capacitive touch screen	Capacitive touch screen	Capacitive touch screen
Audio Input	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone
Audio Output	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker
Audio Compression Standard	G.711U,G.711 A,G.722.1	G.711 U,G.711 A,Opus,AAC-LD,AAC-LC,G.726,G.722.1	G.711 U,G.711 A,Opus,AAC-LD,AAC-LC,G.726,G.722.1	G.711 U,G.711 A,Opus,AAC-LD,AAC-LC,G.726,G.722.1	G.711 U,G.711 A,Opus,AAC-LD,AAC-LC,G.726,G.722.1	G.711 U,G.711 A,Opus,AAC-LD,AAC-LC,G.726,G.722.1
Wi-Fi	√	-	√	√	-	√
Ethernet	10/100 Mbps self-adaptive	10/100 Mbps self-adaptive	10/100 Mbps self-adaptive	10/100 Mbps self-adaptive	10/100 Mbps self-adaptive	10/100 Mbps self-adaptive
Network Protocol	TCP/IP, SIP, RTSP	TCP/IP, SIP, RTSP	TCP/IP, SIP, RTSP	TCP/IP, SIP, RTSP	TCP/IP, SIP, RTSP	TCP/IP, SIP, RTSP
Alarm Input	8	8	8	8	8	8
Network Interface	1 RJ-45 10/100 Mbps self-adaptive	1 RJ-45 10/100 Mbps self-adaptive	1 RJ-45 10/100 Mbps self-adaptive	1 RJ-45 10/100 Mbps self-adaptive	1 RJ-45 10/100 Mbps self-adaptive	1 RJ-45 10/100 Mbps self-adaptive
RS-485	1	-	1	1	-	-
I/O Output	2	-	2	2	-	2
TF Card (Micro SD Card)	Supports TF card for up to 128 G	Supports TF card for up to 128 G	Supports TF card for up to 128 G	Supports TF card for up to 128 G	Supports TF card for up to 128 G	Supports TF card for up to 128 G
Power Supply	12 VDC, IEEE802.3af, Standard PoE	12 VDC, 1 A, IEEE802.3af, Standard PoE	12 VDC, 1 A, IEEE802.3af, Standard PoE	12 VDC, 1 A, IEEE802.3af, Standard PoE	12 VDC, 1 A, IEEE802.3af, Standard PoE	12 VDC, 1 A, IEEE802.3af, Standard PoE
Power Consumption	≤ 5 W	≤ 5 W	≤ 5 W	≤ 5 W	≤ 5 W	≤ 5 W
Working Temperature	10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)
Working Humidity	10% to 90% (no-condensing)	10% to 90% (no-condensing)	10% to 90% (no-condensing)	10% to 90% (no-condensing)	10% to 90% (no-condensing)	10% to 90% (no-condensing)
Dimensions (L × W × H)	200 mm × 140 mm × 15.1 mm (7.9" × 5.5" × 0.6")	175 mm × 113.5 mm × 21 mm (6.9" × 4.5" × 0.83")	175 mm × 113.5 mm × 21 mm (6.9" × 4.5" × 0.83")	175 mm × 113.5 mm × 21 mm (6.9" × 4.5" × 0.83")	180 mm × 123 mm × 21 mm (7" × 4.8" × 0.83")	180 mm × 123 mm × 21 mm (7" × 4.8" × 0.83")

IP Indoor Station

Product						
Product Model	DS-KH6320-LE1(B)	DS-KH6320-LE1(B)/White	DS-KH6220-LE1(B)	DS-KH6110-WE1	DS-KH6110-WE1/White	DS-KH6100-E1
Operation System	Linux	Linux	Linux	Linux	Linux	Linux
Display Screen	7-inch	7-inch	7-inch	4.3-inch	4.3-inch	4.3-inch
Display Resolution	1024 × 600	1024 × 600	1024 × 600	480 × 272	480 × 272	480 × 272
Operation Method	Capacitive touch screen	Capacitive touch screen	4 touch buttons	Capacitive touch screen with 9 touch buttons	Capacitive touch screen with 9 touch buttons	9 touch buttons
Audio Input	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone
Audio Output	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker
Audio Compression Standard	G.711 U, G.711 A, Opus, AAC-LD, AAC-LC, G.726, G.722.1	G.711 U, G.711 A, Opus, AAC-LD, AAC-LC, G.726, G.722.1	G.711 U, G.711 A, Opus, AAC-LD, AAC-LC, G.726, G.722.1	G.711 U, G.711 A	G.711 U, G.711 A	G.711 U, G.711 A
Wi-Fi	-	-	-	√	√	-
Ethernet	10/100 Mbps self-adaptive	10/100 Mbps self-adaptive	10/100 Mbps self-adaptive	100 Mbps	100 Mbps	100 Mbps
Network Protocol	TCP/IP, SIP, RTSP	TCP/IP, RTSP	TCP/IP, RTSP, SIP 1.0	TCP/IP, SIP, RTSP	TCP/IP, SIP, RTSP	TCP/IP, SIP, RTSP
Alarm Input	8	8	8	4	4	4
Network Interface	1 RJ-45 10/100 Mbps self-adaptive	1 RJ-45 10/100 Mbps self-adaptive	1 RJ-45 10/100 Mbps self-adaptive	1 RJ-45 100 Mbps	1 RJ-45 100 Mbps	1 RJ-45 100 Mbps
RS-485	-	-	-	-	-	-
I/O Output	-	-	-	-	-	-
TF Card (Micro SD Card)	-	-	-	-	-	-
Power Supply	12 VDC, IEEE802.3af, Standard PoE	12 VDC, IEEE802.3af, Standard PoE	12 VDC or Standard POE	IEEE802.3af, Standard PoE, 12 VDC	IEEE802.3af, Standard PoE, 12 VDC	IEEE802.3af, Standard PoE, 12 VDC
Power Consumption	≤ 6 W	≤ 3 W	≤ 6 W	≤ 4 W	≤ 4 W	≤ 4 W
Working Temperature	-10 °C to 50 °C (14 °F to 122 °F)	10 °C to 50 °C (14 °F to 133 °F)	10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)
Working Humidity	10% to 90% (no-condensing)	10% to 90% (no-condensing)	10% to 90% (no-condensing)	10% to 90% (no-condensing)	10% to 90% (no-condensing)	10% to 90% (no-condensing)
Dimensions (L × W × H)	200 mm × 140 mm × 23.6 mm (7.87" × 5.51" × 0.93")	200 mm × 140 mm × 23.6 mm (7.87" × 5.51" × 0.93")	200 mm × 140 mm × 23.1 mm (7.87" × 5.51" × 0.69")	120 mm × 120 mm × 21 mm (4.7" × 4.7" × 0.83")	120 mm × 120 mm × 21 mm (4.7" × 4.7" × 0.83")	120 mm × 120 mm × 21 mm (4.7" × 4.7" × 0.83")

IP Indoor Station

Product					
Product Model	DS-KH6100-E1/White	DS-KH6000-E1	DS-KH6000-E1/White	DS-KH6320-WTDE1	DS-KH6320-TDE1
Operation System	Linux	Linux	Linux	Linux	Linux
Display Screen	4.3-inch	-	-	7-inch	7-inch
Display Resolution	480 × 272	-	-	1024 × 600	1024 × 600
Operation Method	9 touch buttons	9 touch buttons	9 touch buttons	Capacitive touch screen	Capacitive touch screen
Audio Input	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone
Audio Output	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker
Audio Compression Standard	G.711 U, G.711 A	G.711 U, G.712 A	G.711 U, G.711 A	G.711 U, G.711 A, G.722.1	G.711 U, G.711 A, G.722.1
Wi-Fi	-	-	-	√	-
Ethernet	100 Mbps	100 Mbps	100 Mbps	10/100 Mbps self-adaptive	10/100 Mbps self-adaptive
Network Protocol	TCP/IP, SIP, RTSP	TCP/IP, SIP, RTSP	TCP/IP, SIP, RTSP	TCP/IP, SIP, RTSP	TCP/IP, SIP, RTSP
Alarm Input	4	4	4	2	-
Network Interface	1 RJ-45 100 Mbps	1 RJ-45 100 Mbps	1 RJ-45 100 Mbps	1 RJ-45 10/100 Mbps self-adaptive	1 RJ-45 10/100 Mbps self-adaptive
RS-485	-	-	-	1	1
I/O Output	-	-	-	2	-
TF Card (Micro SD Card)	-	-	-	Supports TF card for up to 128 G	Supports TF card for up to 128 G
Power Supply	IEEE802.3af, Standard PoE, 12 VDC	IEEE802.3af, Standard PoE, 12 VDC	IEEE802.3af, Standard PoE, 12 VDC	12 VDC, IEEE802.3af, standard PoE	12 VDC, IEEE802.3af, standard PoE
Power Consumption	≤ 4 W	≤ 4 W	≤ 4 W	≤ 5 W	≤ 5 W
Working Temperature	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)	10 °C to 55 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 123 °F)
Working Humidity	10% to 90% (no-condensing)	10% to 90% (no-condensing)	10% to 90% (no-condensing)	10% to 90% (no-condensing)	10% to 90% (no-condensing)
Dimensions (L × W × H)	120 mm × 120 mm × 21 mm (4.7" × 4.7" × 0.83")	120 mm × 120 mm × 21 mm (4.7" × 4.7" × 0.83")	120 mm × 120 mm × 21 mm (4.7" × 4.7" × 0.83")	200 mm × 140 mm × 23.6 mm (7.9" × 5.5" × 0.9")	200 mm × 140 mm × 23.6 mm (7.9" × 5.5" × 0.9")

IP Apartment Door Station

Product	 HOT		 HOT			
Product Model	DS-KD9633-WBE6	DS-KD9633-E6	DS-KD9403-E6	DS-KD9203-MFE6	DS-KD9203-MTE6	DS-KD9203-MFE6
Operation System	Android 7.1	Android 7.1	Android 7.1	Linux	Linux	Linux
Camera	2 × 2 MP	2 × 2 MP	2 MP	2 × 2 MP	2 × 2 MP	2 × 2 MP
Video Compression Standard	H.264	H.264	H.264	H.264, H.265, MJPEG	H.264, H.265, MJPEG	H.264, H.265, MJPEG
Resolution	Main stream: 1920 × 1080p and 1280 × 720p Sub stream: 1280 × 720p and 640 × 480p	Main stream: 1920 × 1080p and 1280 × 720p Sub stream: 1280 × 720p and 640 × 480p	Main stream: 1920 × 1080p and 1280 × 720p Sub stream: 1280 × 720p and 640 × 480p	Main stream: 1080p@30fps, 720p@30fps Sub stream: VGA@25fps, VGA@30fps	Main stream: 1080p@30fps, 720p@30fps Sub stream: VGA@25fps, VGA@30fps	Main stream: 1080p@30fps, 720p@30fps Sub stream: VGA@25fps, VGA@30fps
Video Frame Rate	PAL 25 FPS NTSC 30 FPS	PAL 25 FPS NTSC 30 FPS	PAL 25 FPS NTSC 30 FPS	PAL 25 FPS NTSC 30 FPS	PAL 25 FPS NTSC 30 FPS	PAL 25 FPS NTSC 30 FPS
Display Screen	10.1-inch	10.1-inch	8-inch	4.3-inch	4.3-inch	4.3-inch
Display Resolution	1280 × 800	1280 × 800	1280 × 800	800 × 480	800 × 480	800 × 480
Operation Method	Touch screen	Touch screen	Touch screen	Display Screen, Physical Buttons	Display Screen, Physical Buttons	Display Screen, Physical Buttons
Audio Input	2 built-in omnidirectional microphones	2 built-in omnidirectional microphones	2 built-in omnidirectional microphones	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone
Audio Output	1 built-in loudspeaker	1 built-in loudspeaker	2 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker
Audio Compression Standard	G.711 U, G.711 A	G.711 U, G.711 A	G.711 U, G.711 A	G.711 U, G.711 A, Opus, AAC-LD, AAC-LC, G.726, G.722.1	G.711 U, G.711 A, Opus, AAC-LD, AAC-LC, G.726, G.722.1	G.711 U, G.711 A, Opus, AAC-LD, AAC-LC, G.726, G.722.1
User Capacity	20,000	20,000	20,000	20,000	20,000	10,000
Card Capacity	100,000	100,000	100,000	100,000	100,000	50,000
Face Capacity	10,000	10,000	10,000	20,000	20,000	5,000
Fingerprint Capacity	-	-	-	5,000	-	5,000
Network Protocol	TCP/IP, RTSP	TCP/IP, RTSP	TCP/IP, RTSP	TCP/IP, RTSP, IPv6, ONVIF	TCP/IP, RTSP, IPv6, ONVIF	TCP/IP, RTSP, IPv6, ONVIF
Alarm Input	4	4	4	4	4	4
Network Interface	2 RJ-45 10/100/1000 Mbps self-adaptive (1 reserved)	2 RJ-45 10/100/1000 Mbps self-adaptive (1 reserved)	2 RJ-45 10/100/1000 Mbps self-adaptive (1 reserved)	1 RJ-45 10/100/1000 Mbps self-adaptive	1 RJ-45 10/100/1000 Mbps self-adaptive	1 RJ-45 10/100/1000 Mbps self-adaptive
RS-485	2	2	2	2	2	2
Alarm Output	2 (reserved)	2 (reserved)	2 (reserved)	-	-	-
Wiegand	-	-	-	-	-	-
USB	2 for internal use only	2 for internal use only	2 for internal use only	-	-	-
Power Supply	12 VDC, 2 A	12 VDC, 2 A	12 VDC, 2 A	12 VDC, 1.5 A	12 VDC, 1.5 A	12 VDC, 1.5 A
Power Consumption	≤ 18 W	≤ 18 W	≤ 18 W	≤ 13 W	≤ 13 W	≤ 13 W
Working Temperature	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)
Working Humidity	10% to 90% (no-condensing)	10% to 90% (no-condensing)	10% to 90% (no-condensing)	10% to 90% (no-condensing)	10% to 90% (no-condensing)	10% to 90% (no-condensing)
IP Protection Level	IP65 and IK07	IP65 and IK07	IP65	IP65	IP65	IP65
Dimensions (L × W × H)	271 mm × 159.2 mm × 26.5 mm (10.7" × 6.3" × 1")	271 mm × 159.2 mm × 26.5 mm (10.7" × 6.3" × 1")	244 mm × 145 mm × 26 mm (9.6" × 5.7" × 1")	373 mm × 124 mm × 43.7 mm (14.69" × 4.88" × 1.72")	373 mm × 124 mm × 43.7 mm (14.69" × 4.88" × 1.72")	373 mm × 124 mm × 43.7 mm (14.69" × 4.88" × 1.72")

IP Apartment Door Station

Product	 HOT				 HOT	
Product Model	DS-KD9203-ME6	DS-KD9203-FTE6	DS-KD9203-TE6	DS-KD9203-FE6	DS-KD9203-E6	DS-KD3003-E6
Operation System	Linux	Linux	Linux	Linux	Linux	Linux
Camera	2 MP	2 MP	2 × 2 MP	2 × 2 MP	2 MP	2 MP
Video Compression Standard	H.264, H.265, MJPEG	H.264, H.265, MJPEG	H.264, H.265, MJPEG	H.264, H.265, MJPEG	H.264, H.265, MJPEG	H.264
Resolution	Main stream: 1080p@30fps, 720p@30fps Sub stream: VGA@25fps, VGA@30fps	Main stream: 1080p@30fps, 720p@30fps Sub stream: VGA@25fps, VGA@30fps	Main stream: 1080p@30fps, 720p@30fps Sub stream: VGA@25fps, VGA@30fps	Main stream: 1080p@30fps, 720p@30fps Sub stream: VGA@25fps, VGA@30fps	Main stream: 1080p@30fps, 720p@30fps Sub stream: VGA@25fps, VGA@30fps	Main stream: 1920 × 1080p, 720p Sub stream: 640 × 480p
Video Frame Rate	PAL 25 FPS NTSC 30 FPS	PAL 25 FPS NTSC 30 FPS	PAL 25 FPS NTSC 30 FPS	PAL 25 FPS NTSC 30 FPS	PAL 25 FPS NTSC 30 FPS	PAL 25 FPS NTSC 30 FPS
Display Screen	4.3-inch	4.3-inch	4.3-inch	4.3-inch	4.3-inch	3.5-inch
Display Resolution	800 × 480	800 × 480	800 × 480	800 × 480	800 × 480	480 × 320
Operation Method	Display Screen, Physical Buttons	Display Screen, Physical Buttons	Display Screen, Physical Buttons	Display Screen, Physical Buttons	Display Screen, Physical Buttons	Display Screen, Physical Buttons
Audio Input	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone
Audio Output	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker
Audio Compression Standard	G.711 U, G.711 A, Opus, AAC-LD, AAC-LC, G.726, G.722.1	G.711 U, G.711 A, Opus, AAC-LD, AAC-LC, G.726, G.722.1	G.711 U, G.711 A, Opus, AAC-LD, AAC-LC, G.726, G.722.1	G.711 U, G.711 A, Opus, AAC-LD, AAC-LC, G.726, G.722.1	G.711 U, G.711 A, Opus, AAC-LD, AAC-LC, G.726, G.722.1	G.711 U, G.711 A
User Capacity	10,000	20,000	20,000	10,000	10,000	2,000
Card Capacity	50,000	10,000	10,000	50,000	50,000	10,000
Face Capacity	5,000	20,000	20,000	5,000	5,000	-
Fingerprint Capacity	-	5,000	-	5,000	-	-
Network Protocol	TCP/IP, RTSP, IPv6, ONVIF	TCP/IP, RTSP, IPv6, ONVIF	TCP/IP, RTSP, IPv6, ONVIF	TCP/IP, RTSP, IPv6, ONVIF	TCP/IP, RTSP, IPv6, ONVIF	TCP/IP, RTSP
Alarm Input	4	4	4	4	4	8
Network Interface	1 RJ-45 10/100/1000 Mbps self-adaptive	1 RJ-45 10/100/1000 Mbps self-adaptive	1 RJ-45 10/100/1000 Mbps self-adaptive	1 RJ-45 10/100/1000 Mbps self-adaptive	1 RJ-45 10/100/1000 Mbps self-adaptive	1 RJ-45 10/100/1000 Mbps self-adaptive
RS-485	2	2	2	2	2	1
Alarm Output	-	-	-	-	-	2
Wiegand	-	-	-	-	-	1
USB	-	-	-	-	-	-
Power Supply	12 VDC, 1.5 A	12 VDC, 1.5 A	12 VDC, 1.5 A	12 VDC, 1.5 A	12 VDC, 1.5 A	12 VDC, 1 A
Power Consumption	≤ 13 W	≤ 13 W	≤ 13 W	≤ 13 W	≤ 13 W	≤ 10 W
Working Temperature	-30 °C to 60 °C [-22 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 140 °F]	-40 °C to 55 °C [-40 °F to 135 °F]
Working Humidity	10% to 90% (no-condensing)	10% to 90% (no-condensing)	10% to 90% (no-condensing)	10% to 90% (no-condensing)	10% to 90% (no-condensing)	10% to 95% (no-condensing)
IP Protection Level	IP65	IP65	IP65	IP65	IP65	IP 65
Dimensions (L × W × H)	373 mm × 124 mm × 43.7 mm (14.69" × 4.88" × 1.72")	373 mm × 124 mm × 43.7 mm (14.69" × 4.88" × 1.72")	373 mm × 124 mm × 43.7 mm (14.69" × 4.88" × 1.72")	373 mm × 124 mm × 43.7 mm (14.69" × 4.88" × 1.72")	373 mm × 124 mm × 43.7 mm (14.69" × 4.88" × 1.72")	357.3 mm × 124.3 mm × 55.3 mm (14.07" × 4.89" × 2.18")

IP Apartment Door Station Sub Module

Product				
Product Model	DS-KDM9403-KP	DS-KDM9403-FKP	DS-KDM9633-KP	DS-KDM9633-FKP
Fingerprint Capacity	-	5,000	-	5,000
USB	1 USB type-A, connects only to KD9403	1 USB type-A, connects only to KD9403	1 USB type-C, connects only to KD9633	1 USB type-C, connects only to KD9633
Button	15 physical buttons	12 physical buttons	15 physical buttons	15 physical buttons
Working Temperature	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)
Working Humidity	10% to 90% (no-condensing)	10% to 90% (no-condensing)	10% to 90% (no-condensing)	10% to 90% (no-condensing)
IP Protection Level	IP65	IP65	IP65, IK07	IP65, IK07
Dimensions (L × W × H)	76 mm × 145 mm × 28 mm (3" × 5.7" × 1.1")	76 mm × 145 mm × 28 mm (3" × 5.7" × 1.1")	74 mm × 159.2 mm × 29.2 mm (2.9" × 6.3" × 1.1")	74 mm × 159.2 mm × 29.2 mm (2.9" × 6.3" × 1.1")

IP Modular Door Station

Product					
Product Model	DS-KD8003-IME1(B)/Flush	DS-KD8003-IME1(B)/Surface	DS-KD8003-IME1(B)	DS-KD8003-IME1(B)/S	DS-KD8003-IME1(B)/NS
Call Button	1	1	1	1	0
Bracket Included	Flush mounting bracket	Surface mounting bracket	-	-	-
Operation System	Linux	Linux	Linux	Linux	Linux
Camera	Low Illumination 2 MP HD IR Camera	Low Illumination 2 MP HD IR Camera	Low Illumination 2 MP HD IR Camera	Low Illumination 2 MP HD IR Camera	Low Illumination 2 MP HD IR Camera
Video Compression Standard	H.264, H.265, MJPEG	H.264, H.265, MJPEG	H.264, H.265, MJPEG	H.264, H.265, MJPEG	H.264, H.265, MJPEG
Audio Input	Built-in omnidirectional microphone	Built-in omnidirectional microphone	Built-in omnidirectional microphone	Built-in omnidirectional microphone	Built-in omnidirectional microphone
Audio Output	Built-in loudspeaker	Built-in loudspeaker	Built-in loudspeaker	Built-in loudspeaker	Built-in loudspeaker
Audio Compression Standard	G.711 U, G.711 A, Opus, AAC-LD, AAC-LC, G.726, G.722.1	G.711 U, G.711 A, Opus, AAC-LD, AAC-LC, G.726, G.722.1	G.711 U, G.711 A, Opus, AAC-LD, AAC-LC, G.726, G.722.1	G.711 U, G.711 A, Opus, AAC-LD, AAC-LC, G.726, G.722.1	G.711 U, G.711 A, Opus, AAC-LD, AAC-LC, G.726, G.722.1
Light Supplement Mode	Low illumination, IR supplement lights	Low illumination, IR supplement lights	Low illumination, IR supplement lights	Low illumination, IR supplement lights	Low illumination, IR supplement lights
Ethernet	10/100 Mbps Self-Adaptive Ethernet	10/100 Mbps Self-Adaptive Ethernet	10/100 Mbps Self-Adaptive Ethernet	10/100 Mbps Self-Adaptive Ethernet	10/100 Mbps self-adaptive Ethernet
Network Protocol	TCP/IP, RTSP	TCP/IP, RTSP	TCP/IP, RTSP	TCP/IP, RTSP	TCP/IP, RTSP
I/O Input	4 (2 exit buttons and 2 door contacts by default)	4 (2 exit buttons and 2 door contacts by default)	4 (2 exit buttons and 2 door contacts by default)	4 (2 exit buttons and 2 door contacts by default)	4 (2 exit buttons and 2 door contacts by default)
Power Supply	12 VDC, PoE (IEEE 802.3 af)	12 VDC, PoE (IEEE 802.3 af)	12 VDC, PoE (IEEE 802.3 af)	12 VDC, PoE (IEEE 802.3 af)	12 VDC, PoE (IEEE 802.3 af)
Power Consumption	≤ 5 W	≤ 5 W	≤ 5 W	≤ 5 W	≤ 5 W
Working Temperature	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)
Working Humidity	10% to 95%	10% to 95%	10% to 95%	10% to 95%	10% to 95%
IP Protection Level	IP65	IP65	IP65	IP65	IP65
Dimensions (L × W × H)	124 mm × 134 mm × 56 mm (4.88" × 5.28" × 2.2")	117 mm × 107 mm × 4 mm (4.61" × 4.21" × 0.16")	98 mm × 99.8 mm × 43.9 mm (3.86" × 3.93" × 1.73")	98 mm × 99.8 mm × 43.9 mm (3.86" × 3.93" × 1.73")	98 mm × 100 mm × 42 mm (3.86" × 3.94" × 1.65")

Module						
Product						
Product Model	DS-KD-K12	DS-KD-K12	DS-KD-IN	DS-KD-BK	DS-KD-KP	DS-KD-DIS
Product Name	Plastic Nametag Module	Plastic 12 Nametag Module	Plastic Indicator Module	Plastic Blank Module	Aluminum Keypad Module	Plastic Display Module
IP Protection Level	IP65	IP65	IP65	IP65	IP65	IP65
Dimensions (L × W × H)	98.2 mm × 100.2 mm × 33.7 mm (3.87" × 3.95" × 1.33")	98.2 mm × 100.2 mm × 33.7 mm (3.87" × 3.95" × 1.33")	98.5 mm × 100 mm × 33.7 mm (3.87" × 3.95" × 1.33")	98.5 mm × 100 mm × 33.7 mm (3.87" × 3.95" × 1.33")	98.5 mm × 100 mm × 34.2 mm (3.87" × 3.95" × 1.33")	98.5 mm × 100 mm × 34.2 mm (3.87" × 3.95" × 1.33")

Module						
Product						
Product Model	DS-KD-TDM	DS-KD-TDE	DS-KD-M	DS-KD-E	DS-KD-MFB	DS-KD-PMR
Product Name	Plastic Touch & Display & M1 Card Reader Module	Plastic Touch & Display & EM Card Reader Module	Plastic M1 Card Reader Module	Plastic EM Card Reader Module	Plastic Fingerprint & M1 Card Reader Module	Plastic Induction Loop & Information Module
IP Protection Level	IK08, IP65	IP65, IK08	IP65	IP65	IP65	IP65
Dimensions (L × W × H)	100 mm × 100 mm × 35 mm	100 mm × 100 mm × 35 mm	98.5 mm × 100 mm × 33.7 mm (3.87" × 3.95" × 1.33")	98.5 mm × 100 mm × 33.7 mm (3.87" × 3.95" × 1.33")	100 mm × 100 mm × 35 mm (3.94" × 3.94" × 1.38")	98.5 mm × 100 mm × 33.7 mm (3.87" × 3.95" × 1.33")

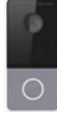
Notes: The modules are compatible with IP modular door stations, 2-wire HD series, and 2-wire IP series.

Module				
Product				
Product Model	DS-KD-INFO	DS-KD-KK/S	DS-KD-K12/S	DS-KD-KP/S
Product Name	Plastic Information Module	Stainless Steel Nametag Module	Stainless Steel 12 Nametag Module	Stainless Steel Keypad Module
IP Protection Level	IP65	IP65	IP65	IP65
Dimensions (L × W × H)	98.2 mm × 100.2 mm × 33.7 mm (3.87" × 3.95" × 1.33")	98.2 mm × 100.2 mm × 33.7 mm (3.87" × 3.95" × 1.33")	98.5 mm × 100 mm × 33.7 mm (3.87" × 3.95" × 1.33")	98.5 mm × 100 mm × 33.7 mm (3.87" × 3.95" × 1.33")

Module			
Product			
Product Model	DS-KD-MFB/S	DS-KD-AL8	DS-KD-ALJ5
Product Name	Stainless Steel Fingerprint & M1 Card Reader Module	Button extending module	Button extending module
IP Protection Level	IP65, IK07	-	-
Dimensions (L × W × H)	100 mm × 100 mm × 35 mm (3.94" × 3.94" × 1.38")	62.2 mm × 55 mm × 18 mm (2.45" × 2.17" × 0.71")	62.2 mm × 55 mm × 18 mm (2.45" × 2.17" × 0.71")

Notes The modules are compatible with IP modular door stations, 2-wire HD series, and 2-wire IP series.

IP Villa Door Station

Product		 HOT		 HOT			
Product Model	DS-KV6113-PE1(C)	DS-KV6113-WPE1(C)	DS-KV6103-PE1(C)	DS-KV6133-WME1	DS-KV6133-ME1	DS-KV6133-WME1/Flush	DS-KV6133-WME1/Surface
Operation System	Linux	Linux	Linux	Linux	Linux	Linux	Linux
Camera	2 MP, H:131°, V: 78°	2 MP, H:131°, V: 78°	2 MP, H:131°, V: 78°	2 MP, H:129°, V: 75°	2 MP, H:129°, V: 75°	2 MP, H:129°, V: 75°	2 MP, H:129°, V: 75°
Video Compression Standard	H.264, H.265, MJPEG	H.264, H.265, MJPEG	H.264, H.265, MJPEG	H.264, H.265, MJPEG	H.264, H.265, MJPEG	H.264, H.265, MJPEG	H.264, H.265, MJPEG
Resolution	Main stream: 1920 × 1080, 1280 × 720 Sub stream: 640 × 480	Main stream: 1920 × 1080, 1280 × 720 Sub stream: 640 × 480	Main stream: 1920 × 1080, 1280 × 720 Sub stream: 640 × 480	Main stream: 1920 × 1080, 1280 × 720 Sub stream: 640 × 480	Main stream: 1920 × 1080, 1280 × 720 Sub stream: 640 × 480	Main stream: 1920 × 1080, 1280 × 720 Sub stream: 640 × 480	Main stream: 1920 × 1080, 1280 × 720 Sub stream: 640 × 480
Audio Input	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone
Audio Output	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker
Audio Compression Standard	G.711 U, G.711 A, Opus, AAC-LD, AAC-LC, G.726, G.722.1	G.711 U, G.711 A, Opus, AAC-LD, AAC-LC, G.726, G.722.1	G.711 U, G.711 A, Opus, AAC-LD, AAC-LC, G.726, G.722.1	G.711 U, G.711 A, Opus, AAC-LD, AAC-LC, G.726, G.722.1	G.711 U, G.711 A, Opus, AAC-LD, AAC-LC, G.726, G.722.1	G.711 U, G.711 A, Opus, AAC-LD, AAC-LC, G.726, G.722.1	G.711 U, G.711 A, Opus, AAC-LD, AAC-LC, G.726, G.722.1
Internal Card Reader	Built-in M1 card reader	Built-in M1 card reader	-	Built-in M1 card reader	Built-in M1 card reader	Built-in M1 card reader	Built-in M1 card reader
Light Supplement Mode	IR Supplement	IR Supplement	IR Supplement	IR Supplement	IR Supplement	IR Supplement	IR Supplement
Ethernet	10/100 Mbps self-adaptive	10/100 Mbps self-adaptive	10/100 Mbps self-adaptive	10/100 Mbps self-adaptive	10/100 Mbps self-adaptive	10/100 Mbps self-adaptive	10/100 Mbps self-adaptive
Wi-Fi	-	√	-	√	-	√	√
Network Protocol	TCP/IP, RTSP, IPv6, ONVIF	TCP/IP, RTSP, IPv6, ONVIF	TCP/IP, RTSP, IPv6, ONVIF	TCP/IP, RTSP, IPv6, ONVIF	TCP/IP, RTSP, IPv6, ONVIF	TCP/IP, RTSP, IPv6, ONVIF	TCP/IP, RTSP, IPv6, ONVIF
Alarm Input	4	4	4	4	4	4	4
Network Interface	1 RJ-45, 10/100 Mbps self-adaptive	1 RJ-45, 10/100 Mbps self-adaptive	1 RJ-45, 10/100 Mbps self-adaptive	1 RJ-45, 10/100 Mbps self-adaptive	1 RJ-45, 10/100 Mbps self-adaptive	1 RJ-45, 10/100 Mbps self-adaptive	1 RJ-45, 10/100 Mbps self-adaptive
RS-485	1	1	-	1	1	1	1
Lock Control	1	1	1	1	1	1	1
Power Supply	12 VDC, PoE (IEEE 802.3 af)	12 VDC, PoE (IEEE 802.3 af)	12 VDC, PoE (IEEE 802.3 af)	12 VDC, PoE (IEEE 802.3 af)	12 VDC, PoE (IEEE 802.3 af)	12 VDC, PoE (IEEE 802.3 af)	12 VDC, PoE (IEEE 802.3 af)
Power Consumption	< 10 W	< 10 W	< 10 W	< 10 W	< 10 W	< 10 W	< 10 W
Working Temperature	-40 °C to 55 °C (-40 °F to 131 °F)	-40 °C to 55 °C (-40 °F to 131 °F)	-40 °C to 55 °C (-40 °F to 131 °F)	-40 °C to 55 °C (-40 °F to 131 °F)	-40 °C to 55 °C (-40 °F to 131 °F)	-40 °C to 55 °C (-40 °F to 131 °F)	-40 °C to 55 °C (-40 °F to 131 °F)
Working Humidity	10% to 95% (no-condensing)	10% to 95% (no-condensing)	10% to 95% (no-condensing)	10% to 95% (no-condensing)	10% to 95% (no-condensing)	10% to 95% (no-condensing)	10% to 95% (no-condensing)
IP Protection Level	IP65	IP65	IP65	IP65	IP65	IP65	IP65
Dimensions (L × W × H)	138 mm × 65 mm × 27 mm (5.4" × 2.6" × 1.1")	138 mm × 65 mm × 27 mm (5.4" × 2.6" × 1.1")	138 mm × 65 mm × 27 mm (5.4" × 2.6" × 1.1")	181.6 mm × 103.6 mm × 29.5 mm (7.1" × 4.0" × 1.1")	181.6 mm × 103.6 mm × 29.5 mm (7.1" × 4.0" × 1.1")	181.6 mm × 103.6 mm × 29.5 mm (7.1" × 4.0" × 1.1")	181.6 mm × 103.6 mm × 29.5 mm (7.1" × 4.0" × 1.1")

IP Villa Door Station

Product						 HOT	
Product Model	DS-KV6133-ME1/Surface	DS-KV6114-WBE1	DS-KV6114-E1	DS-KV6114-MWBE1	DS-KV6114-ME1	DS-KV6124-WBE1	DS-KV6124-E1
Operation System	Linux	Linux	Linux	Linux	Linux	Linux	Linux
Camera	2 MP, H:131°, V: 78°	4 MP, H:150°, V: 75°	4 MP, H:150°, V: 75°	4 MP, H:150°, V: 75°	4 MP, H:150°, V: 75°	4 MP, H:150°, V: 75°	4 MP, H:150°, V: 75°
Video Compression Standard	H.264, H.265, MJPEG	H.264, H.265, MJPEG	H.264, H.265, MJPEG	H.264, H.265, MJPEG	H.264, H.265, MJPEG	H.264, H.265, MJPEG	H.264, H.265, MJPEG
Resolution	Main stream: 1920 × 1080, 1280 × 720 Sub stream: 640 × 480	Main stream: 2688 × 1520, 1920 × 1080, 1280 × 720 Sub stream: 1920 × 1080, 1280 × 720, 640 × 480	Main stream: 2688 × 1520, 1920 × 1080, 1280 × 720 Sub stream: 1920 × 1080, 1280 × 720, 640 × 480	Main stream: 2688 × 1520, 1920 × 1080, 1280 × 720 Sub stream: 1920 × 1080, 1280 × 720, 640 × 480	Main stream: 2688 × 1520, 1920 × 1080, 1280 × 720 Sub stream: 1920 × 1080, 1280 × 720, 640 × 480	Main stream: 2688 × 1520, 1920 × 1080, 1280 × 720 Sub stream: 1920 × 1080, 1280 × 720, 640 × 480	Main stream: 2688 × 1520, 1920 × 1080, 1280 × 720 Sub stream: 1920 × 1080, 1280 × 720, 640 × 480
Audio Input	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone
Audio Output	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker
Audio Compression Standard	6.711 U, 6.711 A, Opus, AAC-LD, AAC-LC, G.726, G.722.1	6.711U, 6.711A, Opus, AAC-LD, AAC-LC, G.726, G.722.1, G.729	6.711u, 6.711a, Opus, AAC-LD, AAC-LC, G.726, G.722.1, G.729	6.711u, 6.711a, Opus, AAC-LD, AAC-LC, G.726, G.722.1, G.729	6.711u, 6.711a, Opus, AAC-LD, AAC-LC, G.726, G.722.1, G.729	6.711U, 6.711A, Opus, AAC-LD, AAC-LC, G.726, G.722.1, G.729	6.711u, 6.711a, Opus, AAC-LD, AAC-LC, G.726, G.722.1, G.729
Internal Card Reader	Built-in M1 card reader	Built-in M1 card reader	Built-in M1 card reader	Built-in M1 card reader	Built-in M1 card reader	Built-in M1 card reader	Built-in M1 card reader
Light Supplement Mode	IR Supplement	IR Supplement	IR Supplement	IR Supplement	IR Supplement	IR Supplement	IR Supplement
Ethernet	10/100 Mbps self-adaptive	10/100 Mbps self-adaptive	10/100 Mbps self-adaptive	10/100 Mbps self-adaptive	10/100 Mbps self-adaptive	10/100 Mbps self-adaptive	10/100 Mbps self-adaptive
Wi-Fi	-	√	-	√	√	√	-
Network Protocol	TCP/IP, RTSP, IPv6, ONVIF	TCP/IP, RTSP, IPv6, ONVIF	TCP/IP, RTSP, IPv6, ONVIF	TCP/IP, RTSP, IPv6, ONVIF	TCP/IP, RTSP, IPv6, ONVIF	TCP/IP, RTSP, IPv6, ONVIF	TCP/IP, RTSP, IPv6, ONVIF
Alarm Input	4	4	4	4	4	4	4
Network Interface	1 RJ-45, 10/100 Mbps self-adaptive	1 RJ-45, 10/100 Mbps self-adaptive	1 RJ-45, 10/100 Mbps self-adaptive	1 RJ-45 10/100Mbps self-adaptive	1 RJ-45 10/100Mbps self-adaptive	1 RJ-45 10/100Mbps self-adaptive	1 RJ-45 10/100Mbps self-adaptive
RS-485	1	1	1	1	1	1	1
Lock Control	1	2	2	2	2	2	2
Power Supply	12 VDC, PoE (IEEE 802.3 af)	12 VDC, PoE (IEEE 802.3 at)	12 VDC, PoE (IEEE 802.3 at)	12 VDC, PoE (IEEE 802.3 at)	12 VDC, PoE (IEEE 802.3 at)	12 VDC, PoE (IEEE 802.3 at)	12 VDC, PoE (IEEE 802.3 at)
Power Consumption	< 10 W	< 10 W	< 10 W	< 10 W	< 10 W	< 10 W	< 10 W
Working Temperature	-40 °C to 55 °C (-40 °F to 131 °F)	-40 °C to 55 °C (-40 °F to 131 °F)	-40 °C to 55 °C (-40 °F to 131 °F)	-40°C --+60°C	-40°C --+60°C	-40°C-- +60°C	-40°C-- +60°C
Working Humidity	10% to 95% (no-condensing)	10% to 95% (no-condensing)	10% to 95% (no-condensing)	10% to 90% (no-condensing)	10% to 90% (no-condensing)	10% to 90% (no-condensing)	10% to 90% (no-condensing)
IP Protection Level	IP65	IP65	IP65	IP65	IP66	IP65	IP66
Dimensions (L × W × H)	138 mm × 65 mm × 27 mm (5.4" × 2.6" × 1.1")	138 mm × 65 mm × 27 mm (5.4" × 2.6" × 1.1")	181.6 mm × 103.6 mm × 29.5 mm (7.1" × 4.0" × 1.1")	163 mm × 68 mm × 24.7 mm (6.42" × 2.68" × 0.97")	138 mm × 65 mm × 27 mm (5.4" × 2.6" × 1.1")	163 mm × 68 mm × 24.7 mm (6.42" × 2.68" × 0.97")	138 mm × 65 mm × 27 mm (5.4" × 2.6" × 1.1")

IP Villa Door Station

Product	 HOT						 HOT
Product Model	DS-KV8113-WME1(C)	DS-KV8213-WME1(C)	DS-KV8413-WME1(C)	DS-KV8113-WME1(C)/Flush	DS-KV8213-WME1(C)/Flush	DS-KV8413-WME1(C)/Flush	DS-KV9503-WBE1
Operation System	Linux	Linux	Linux	Linux	Linux	Linux	Linux
Camera	2 MP, H:129°, V: 75°	2 MP, H:129°, V: 75°	2 MP, H:129°, V: 75°	2 MP, H:129°, V: 75°	2 MP, H:129°, V: 75°	2 MP, H:129°, V: 75°	2 MP, H:129°, V: 75°
Video Compression Standard	H.264, H.265, MJPEG	H.264, H.265, MJPEG	H.264, H.265, MJPEG	H.264, H.265, MJPEG	H.264, H.265, MJPEG	H.264, H.265, MJPEG	H.264, H.265
Resolution	Main stream: 1920 × 1080, 1280 × 720 Sub stream: 640 × 480	Main stream: 1920 × 1080, 1280 × 720 Sub stream: 640 × 480	Main stream: 1920 × 1080, 1280 × 720 Sub stream: 640 × 480	Main stream: 1920 × 1080, 1280 × 720 Sub stream: 640 × 480	Main stream: 1920 × 1080, 1280 × 720 Sub stream: 640 × 480	Main stream: 1920 × 1080, 1280 × 720 Sub stream: 640 × 480	Main Stream: 1920 × 1080 Sub Stream: 1280 × 720
Audio Input	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone
Audio Output	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker
Audio Compression Standard	G.711 U, G.711 A, Opus, AAC-LD, AAC-LC, G.726, G.722.1	G.711 U, G.711 A, Opus, AAC-LD, AAC-LC, G.726, G.722.1	G.711 U, G.711 A, Opus, AAC-LD, AAC-LC, G.726, G.722.1	G.711 U, G.711 A, Opus, AAC-LD, AAC-LC, G.726, G.722.1	G.711 U, G.711 A, Opus, AAC-LD, AAC-LC, G.726, G.722.1	G.711 U, G.711 A, Opus, AAC-LD, AAC-LC, G.726, G.722.1	G.711 U, G.711 A, Opus, AAC-LD, AAC-LC, G.726, G.722.1
Internal Card Reader	Built-in M1 card reader	Built-in M1 card reader	Built-in M1 card reader	Built-in M1 card reader	Built-in M1 card reader	Built-in M1 card reader	Built-in M1 card reader
Light Supplement Mode	IR Supplement	IR Supplement	IR Supplement	IR Supplement	IR Supplement	IR Supplement	IR Supplement
Ethernet	10/100 Mbps self-adaptive	10/100 Mbps self-adaptive	10/100 Mbps Ethernet	10/100 Mbps self-adaptive	10/100 Mbps self-adaptive	10/100 Mbps Ethernet	10/100 Mbps self-adaptive
Wi-Fi	√	√	√	√	√	√	√
Network Protocol	TCP/IP, RTSP, IPv6, ONVIF	TCP/IP, RTSP, IPv6, ONVIF	TCP/IP, RTSP, IPv6, ONVIF	TCP/IP, RTSP, IPv6, ONVIF	TCP/IP, RTSP, IPv6, ONVIF	TCP/IP, RTSP, IPv6, ONVIF	TCP/IP, RTSP
Alarm Input	4	4	4	4	4	4	4 (2 exit buttons and 2 door contacts by default)
Network Interface	1 RJ-45, 10/100 Mbps self-adaptive	1 RJ-45, 10/100 Mbps self-adaptive	10/100 Mbps Etherne	1 RJ-45, 10/100 Mbps self-adaptive	1 RJ-45, 10/100 Mbps self-adaptive	10/100 Mbps Etherne	1 RJ-45, 10/100 Mbps self-adaptive
RS-485	1	1	1	1	1	1	1
Lock Control	2	2	2	2	2	2	2
Power Supply	12 VDC, IEEE802.3af, standard PoE	12 VDC, IEEE802.3af, standard PoE	12 VDC, IEEE802.3af, standard PoE	12 VDC, IEEE802.3af, standard PoE	12 VDC, IEEE802.3af, standard PoE	12 VDC, IEEE802.3af, standard PoE	12 VDC, IEEE802.3af, standard PoE
Power Consumption	< 10 W	< 10 W	< 10 W	< 10 W	< 10 W	< 10 W	≤ 6 W
Working Temperature	-40 °C to 53 °C [-40 °F to 127.4 °F]	-40 °C to 53 °C [-40 °F to 127.4 °F]	-40 °C to 53 °C [-40 °F to 127.4 °F]	-40 °C to 53 °C [-40 °F to 127.4 °F]	-40 °C to 53 °C [-40 °F to 127.4 °F]	-40 °C to 53 °C [-40 °F to 127.4 °F]	-40 °C to 60 °C [-40 °F to 140 °F]
Working Humidity	10% to 95% (no-condensing)	10% to 95% (no-condensing)	10% to 95% (no-condensing)	10% to 95% (no-condensing)	10% to 95% (no-condensing)	10% to 95% (no-condensing)	10% to 90% (no-condensing)
IP Protection Level	IP65, IK08	IP65, IK08	IP65, IK08	IP65, IK08	IP65, IK08	IP65, IK08	IP65, IK08
Dimensions (L × W × H)	174 mm × 91 mm × 29 mm (6.9" × 3.6" × 1.1")	174 mm × 91 mm × 29 mm (6.9" × 3.6" × 1.1")	174 mm × 91 mm × 29 mm (6.9" × 3.6" × 1.1")	174 mm × 91 mm × 29 mm (6.9" × 3.6" × 1.1")	174 mm × 91 mm × 29 mm (6.9" × 3.6" × 1.1")	174 mm × 91 mm × 29 mm (6.9" × 3.6" × 1.1")	182 mm × 85 mm × 26 mm (7.16" × 3.34" × 1.01")

IP Vandal-resistant Door Station

Product	
Product Model	DS-KB8113-IME1(B)
Operation System	Embedded Linux operation system
Camera	1
Video Compression Standard	H.264
Resolution	Main stream : 1920 × 1080 Sub stream : 640 × 480
Audio Input	1 built-in omnidirectional microphone
Audio Output	1 built-in loudspeaker (More than 80 dB within 30 cm)
Audio Compression Standard	G.711 U, G.711 A
Ethernet	10/100 Mbps self-adaptive Ethernet
Network Protocol	TCP/IP, RSTP, SIP
Alarm Input	1
Network Interface	1
I/O Input	1
Power Supply	IEEE802.3af, standard PoE or 12 VDC
Power Consumption	< 10 W
Working Temperature	-30 °C to + 50 °C (-22 °F to 122 °F)
Working Humidity	10% to 90%
IP Protection Level	IP65, IK09
Dimensions (L × W × H)	161.85 mm × 74.13 mm × 53.2 mm (6.37" × 2.92" × 2.09")

Main Station

Product	
Product Model	DS-KM9503
Operation System	Android 7.1
Video Compression Standard	Main stream: H.264
Resolution	2 MP
Display Screen	10.1-inch
Display Resolution	1280 × 800
Operation Method	Capacitive touch screen
Audio Input	Built-in omnidirectional microphone, external speaker, external goose neck microphone, external earphone (3.5 mm)
Audio Output	Built-in loudspeaker, external speaker, external voice box or earphone (3.5 mm)
Audio Compression Standard	G.711 U, G.711 A, Opus, AAC-LD, AAC-LC, G.726, G.722.1
Network Protocol	TCP/IP, SIP, RTSP
Network Interface	2 RJ-45 10/100/1000 Mbps Self-Adaptive Ethernet Interface
RS-485	1
I/O Input	2 (reserved)
USB	3
TF Card	Support TF card, up to 128 G
HDMI	1
Power Supply	12 VDC, standard PoE (LAN1)
Power Consumption	≤ 12 W
Working Temperature	-10 °C to 50 °C (14 °F to 122 °F)
Working Humidity	10% to 90% (no-condensing)
IP Protection Level	-30 °C to + 50 °C (-22 °F to 122 °F)
Dimensions (L × W × H)	292 mm × 166 mm × 31 mm (11.5" × 6.5" × 1.2")

SIP Server

Product			
Product Model	DS-KS6150	DS-KS6160	DS-KS6170
ROM	8 GB	16 GB	16 GB
RAM	2 GB	2 GB	4 GB
Processor	1.8 GHz ARM Cortex	1.8 GHz ARM Cortex	1.8 GHz ARM Cortex
Video Codecs	VP8, H.263, H.263P, H.264, MPEG4	VP8, H.263, H.263P, H.264, MPEG4	VP8, H.263, H.263P, H.264, MPEG4
Audio Codecs	G711 (alaw/ulaw), G722, G726, G729A, GSM, Speex, ADPCM, iLBC	G711 (alaw/ulaw), G722, G726, G729A, GSM, Speex, ADPCM, iLBC	G711 (alaw/ulaw), G722, G726, G729A, GSM, Speex, ADPCM, iLBC
Base Users / Max Users	50	Base user: 100 Max users: 200 (by adding expansion board)	Base users: 300 Max users: 400/500 (by adding 1/2 expansion board)
Max Concurrent Calls	25	30/60	60/90/120
Max FXS Ports	8 RJ11 ports	8 RJ11 ports	16 RJ11 ports
Max FX0/BRI Ports	8 RJ11 ports	8 RJ11 ports	16 RJ11 ports
Max GSM/3G/4G Ports	4	4	6
Max E1/T1/J1 Ports	Not supported	1	2
Linked SIP extension	50	100/200	300/400/500
Network protocol	UDP, TCP, TLS, SRTP	UDP, TCP, TLS, SRTP	UDP, TCP, TLS, SRTP
DTMF	In-band, RFC4733, RFC2833, SIP INFO	In-band, RFC4733, RFC2833, SIP INFO	In-band, RFC4733, RFC2833, SIP INFO
Network interface	1 x LAN(10/100/1000 Mbps) 1 x WAN (10/100/1000 Mbps)	1 x LAN(10/100/1000 Mbps) 1 x WAN (10/100/1000 Mbps)	1 x LAN(10/100/1000 Mbps) 1 x WAN (10/100/1000 Mbps)
USB	USB 2.0	USB 2.0	USB 2.0
Power Supply Input	AC 100-240 V 50/60 HZ 0.6 A max	AC 100-240 V 50/60 HZ 1.5 A max	AC 100-240 V 50/60 HZ 1.5 A max
Hard Disk	-	1 SATA (expandable up to 2TB)	1 SATA (expandable up to 2TB)
SD card	-	1 slot	1 slot
RJ11 port	8 (Max 8 FXS Ports or 8 FX0/BRI Ports)	Max 8 ports (expansion board required)	Max 16 ports (expansion board required)
Working Temperature	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 40 °C (32 °F to 104 °F)
Storage Temperature	-20°C to 65°C (-4°F to 149°F)	-20°C to 65°C (-4°F to 149°F)	-20°C to 65°C (-4°F to 149°F)
Working Humidity	10% to 90% (no-condensing)	10% to 90% (no-condensing)	10% to 90% (no-condensing)
Dimensions (L × W × H)	340 mm × 210 mm × 44 mm (13.39" × 8.27" × 1.74")	441.2 mm × 252 mm × 45.9 mm (17.37" × 9.92" × 1.81")	441.2 mm × 252 mm × 45.9 mm (17.37" × 9.92" × 1.81")

SIP Server Expansion Board

Product			
Product Model	DS-KSMETE1	DS-KSMET08	DS-KSME100
Module Type	Expansion board for 1 E1/T1/J1 Port	Expansion board for 8 RJ11 Ports	DSP module

SIP Server Module

Product					
Product Model	DS-KSMX02	DS-KSMXS2	DS-KSMXB2	DS-KSMX0S2	DS-KSM4G-AU
Module Type	Expansion board for 2 FX0 Ports	Expansion board for 2 FXS Ports	Module for supporting 2 RJ11 BRI Ports	Expansion board for 1 FX0 RJ11 Port + 1 FXS RJ11 FX0 Port	4G module

SIP Phone

Product					
Product Model	DS-KP6000-HE1	DS-KP8000-HE1	DS-KP8000-WHE1	DS-KP8200-HE1	DS-KP9301-HE1
Communication Protocol	SIP2.0 over UDP/TCP/TLS RTP/RTCP/SRTP STUN DHCP IPv6 LLDP PPPoE L2TP OpenVPN SNTP FTP/TFTP HTTP/HTTPS TR-069 AES128 & AES256	SIP v1 (RFC2543), v2 (RFC3261) over UDP/TCP/TLS RTP/RTCP/SRTP STUN DHCP IPv6 PPPoE L2TP OpenVPN SNTP FTP/TFTP HTTP/HTTPS TR-069	SIP v1 (RFC2543), v2 (RFC3261) over UDP/TCP/TLS RTP/RTCP/SRTP STUN DHCP IPv6 PPPoE L2TP OpenVPN SNTP FTP/TFTP HTTP/HTTPS TR-069	SIP v1 (RFC2543), v2 (RFC3261) over UDP/TCP/TLS RTP/RTCP/SRTP STUN DHCP IPv6 PPPoE L2TP OpenVPN SNTP FTP/TFTP HTTP/HTTPS TR-069	SIP v1 (RFC2543), v2 (RFC3261) over UDP/TCP/TLS RTP/RTCP/SRTP STUN DHCP IPv6 PPPoE L2TP OpenVPN SNTP FTP/TFTP HTTP/HTTPS TR-069
Wired Network	10/100 Mbps self-adaptive, dual bridged port for PC bypass	10/100 Mbps self-adaptive	10/100 Mbps self-adaptive	10/100/1000 Mbps Ethernet	10/100 Mbps self-adaptive
Wi-Fi Standard	-	-	Wi-Fi 802.11 b/g/n	-	-
Button	33 keys	37 keys	37 keys	43 keys	5 keys
Installation	Desktop stand Wall mount (optional)	Desktop stand (angles: 45°), Wall mount	Desktop stand (angles: 45°), Wall mount	Desktop stand (angles: 45°), Wall mount (with an additional wall mount accessory)	Desktop stand, Wall mount
Indicator	Red indicator light for call and message waiting	Red indicator light for call and message waiting	Red indicator light for call and message waiting	Red indicator light for call and message waiting	Red indicator light for call and message waiting
Working Temperature	0 °C to 45 °C (32 °F to 113 °F)	0 °C to 45 °C (32 °F to 113 °F)	0 °C to 45 °C (32 °F to 113 °F)	0 °C to 45 °C (32 °F to 113 °F)	0 °C to 45 °C (32 °F to 113 °F)
Working Humidity	10% to 95% (no-condensing)	10% to 95% (no-condensing)	10% to 95% (no-condensing)	10% to 95% (no-condensing)	10% to 95% (no-condensing)
Dimensions	169 mm × 113.4 mm × 207.6 mm	169 mm × 115.6 mm × 212.5 mm	169 mm × 115.6 mm × 212.5 mm	225 mm × 110.5 mm × 237.9 mm	254.8 mm × 118.4 mm × 206.9 mm
Power Supply	IEEE802.3af, Standard PoE, 5 VDC, 0.6 A	IEEE802.3af, Standard PoE, 12 VDC	IEEE802.3af, Standard PoE, 12 VDC	5 VDC, IEEE802.3af, Standard PoE	IEEE802.3af, Standard PoE, 12 VDC
Network Interface	2 RJ-45 10/100 Mbps self-adaptive: Network × 1, PC × 1 (Bridged to Network)	-	-	2 RJ-45 10/100/1000 Mbps self- adaptive	2 RJ-45 10/100/1000 Mbps self- adaptive
Communication Interface	2 RJ-9: handset × 1, headset × 1	2 RJ-9: handset×1, headset × 1	2 RJ-9: handset × 1, headset × 1	2 RJ-9: handset × 1	2 RJ-9: handset × 1, headset × 1
Operating System	Linux	Linux	Linux	Linux	Embedded Android 9.0 operation system
ROM	16 MB	128 MB	128 MB	128 MB	4 GB
RAM	64 MB	94 MB	94 MB	94 MB	2 GB
Volume Adjustment	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable
Screen Size	2.3-inch	2.8-inch	2.8-inch	4.3-inch	7-inch
Operation Method	Physical keys	Physical keys	Physical keys	Physical keys	Touch screen
Resolution	128 × 48	320 × 240	320 × 240	480 × 272	1024 × 600
Communication Lines	4 SIP lines	6 SIP lines	6 SIP lines	20 SIP lines	20 SIP lines
Contact Capacity	Local phonebook (1000 entries) Remote phonebook (XML/LDAP, 1000 entries)	Local phonebook (1000 entries) Remote phonebook (XML/LDAP, 1000 entries)	Local phonebook (1000 entries) Remote phonebook (XML/LDAP, 1000 entries)	Local phonebook (2000 entries)Remote phonebook (XML/LDAP, 2000 entries)	Local phonebook (2000 entries)Remote phonebook (XML/LDAP, 2000 entries)
Call Log Capacity	In/Out/Missed, 600 entries	In/Out/Missed, 600 entries	In/Out/Missed, 600 entries	In/Out/Missed, 1000 entries	In/Out/Missed, 1000 entries
Video Output	-	-	-	-	HDMI x 1 (reserved)
CPU/CPU	-	Embedded processor	Embedded processor	Embedded processor	Embedded processor
Lens	-	-	-	-	1
Resolution	-	320 × 240	320 × 240	480 × 272	2 MP
Video Compression Standard	-	-	-	-	H.264
Video Decoding	-	H.264	H.264	H.264	H.264
Video Decoding Resolution	-	QVGA / CIF / VGA / 4CIF / 720p / 1080p	QVGA / CIF / VGA / 4CIF / 720p / 1080p	QVGA / CIF / VGA / 4CIF / 720p / 1080p	QVGA / CIF / VGA / 4CIF / 720p / 1080p

2-Wire HD Indoor Station

Product	 HOT		 HOT			
Product Model	DS-KH7300EY-WTE2	DS-KH7300EY-TE2	DS-KH7300EY-WTE2/White	DS-KH7300EY-TE2/White	DS-KH7300EY-THE2	DS-KH7300EY-THE2/White
Product Name	Handsfree indoor station	Handsfree indoor station	Handsfree indoor station	Handsfree indoor station	Handset Indoor Station	Handset Indoor Station
Display Screen	7-inch	7-inch	7-inch	7-inch	7-inch	7-inch
Display Resolution	1024 × 600	1024 × 600	1024 × 600	1024 × 600	1024 × 600	1024 × 600
Operation Method	Capacitive touch screen	Capacitive touch screen	Capacitive touch screen	Capacitive touch screen	Capacitive touch screen	Capacitive touch screen
Indicator	4 (Wi-Fi, Power, Mute, In Use)	3 (Power, Mute, In Use)	4 (Wi-Fi, Power, Mute, In Use)	3 (Power, Mute, In Use)	3 (Power, Mute, In Use)	3 (Power, Mute, In Use)
Wi-Fi	√	-	√	-	-	-
Touch Button	3	3	3	3	3	3
Hik-Connect	√	-	√	-	-	-
2-Wire Interface	Two-Wire Interface	Two-Wire Interface	Two-Wire Interface	Two-Wire Interface	Two-Wire Interface	Two-Wire Interface
Alarm Input	1	1	1	1	1	1
Power Consumption	≤ 5 W	≤ 5 W	≤ 5 W	≤ 5 W	≤ 5 W	≤ 5 W
Working Temperature	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)
Working Humidity	10 % to 90 %	10 % to 90 %	10 % to 90 %	10 % to 90 %	10 % to 90 %	10 % to 90 %
Dimensions (L × W × H)	190.2 mm × 138.2 mm × 20 mm	190.2 mm × 138.2 mm × 20 mm	190.2 mm × 138.2 mm × 20 mm	190.2 mm × 138.2 mm × 20 mm	190.2 mm × 138.2 mm × 20 mm	190.2 mm × 138.2 mm × 20 mm

2-Wire HD Indoor Station

Product						
Product Model	DS-KH7300EY-WTHE2	DS-KH7300EY-WTHE2/White	DS-KH7300EY-TIE2	DS-KH7300EY-TIE2/White	DS-KH7300EY-WTIE2	DS-KH7300EY-WTIE2/White
Product Name	Handset Indoor Station	Handset Indoor Station	Handsfree & Induction Loop Indoor Station	Handsfree & Induction Loop Indoor Station	Handsfree & Induction Loop Indoor Station	Handsfree & Induction Loop Indoor Station
Display Screen	7-inch	7-inch	7-inch	7-inch	7-inch	7-inch
Display Resolution	1024 × 600	1024 × 600	1024 × 600	1024 × 600	1024 × 600	1024 × 600
Operation Method	Capacitive touch screen	Capacitive touch screen	Capacitive touch screen	Capacitive touch screen	Capacitive touch screen	Capacitive touch screen
Indicator	4 (Wi-Fi, Power, Mute, In Use)	4 (Wi-Fi, Power, Mute, In Use)	3 (Power, Mute, In Use)	3 (Power, Mute, In Use)	4 (Wi-Fi, Power, Mute, In Use)	4 (Wi-Fi, Power, Mute, In Use)
Wi-Fi	√	√	-	-	√	√
Touch Button	3	3	3	3	3	3
Hik-Connect	√	√	-	-	√	√
2-Wire Interface	Two-Wire Interface	Two-Wire Interface	Two-Wire Interface	Two-Wire Interface	Two-Wire Interface	Two-Wire Interface
Alarm Input	1	1	1	1	1	1
Power Consumption	≤ 5 W	≤ 5 W	≤ 5 W	≤ 5 W	≤ 5 W	≤ 5 W
Working Temperature	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)
Working Humidity	10 % to 90 %	10 % to 90 %	10 % to 90 %	10 % to 90 %	10 % to 90 %	10 % to 90 %
Dimensions (L × W × H)	190.2 mm × 138.2 mm × 20 mm	190.2 mm × 138.2 mm × 20 mm	190.2 mm × 138.2 mm × 20 mm	190.2 mm × 138.2 mm × 20 mm	190.2 mm × 138.2 mm × 20 mm	190.2 mm × 138.2 mm × 20 mm

2-Wire HD Indoor Station

Product						
Product Model	DS-KH7100EY-E2	DS-KH7100EY-E2/White	DS-KH7100EY-WE2	DS-KH7100EY-WE2/White	DS-KH7000EY-E2	DS-KH7000EY-E2/White
Product Name	Handsfree indoor station	Handsfree indoor station	Handsfree indoor station	Handsfree indoor station	Handsfree indoor station	Handsfree indoor station
Display Screen	4.3-inch	4.3-inch	4.3-inch	4.3-inch	-	-
Display Resolution	480 × 272	480 × 272	480 × 272	480 × 272	-	-
Operation Method	Non-touch screen	Non-touch screen	Non-touch screen	Non-touch screen	-	-
Indicator	3 (Power, Mute, In Use)	3 (Power, Mute, In Use)	4 (Wi-Fi, Power, Mute, In Use)	4 (Wi-Fi, Power, Mute, In Use)	-	-
Wi-Fi	-	-	√	√	-	-
Touch Button	9 (5 touch buttons and 4 customizable touch buttons)	9 (5 touch buttons and 4 customizable touch buttons)	9 (5 touch buttons and 4 customizable touch buttons)	9 (5 touch buttons and 4 customizable touch buttons)	9 (5 touch buttons and 4 customizable touch buttons)	9 (5 touch buttons and 4 customizable touch buttons)
Hik-Connect	-	-	√	√	-	-
2-Wire Interface	Two-Wire Interface	Two-Wire Interface	Two-Wire Interface	Two-Wire Interface	Two-Wire Interface	Two-Wire Interface
Alarm Input	1	1	1	1	1	1
Power Consumption	≤ 4 W	≤ 4 W	≤ 4 W	≤ 4 W	≤ 4 W	≤ 4 W
Working Temperature	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)
Working Humidity	10 % to 90 %	10 % to 90 %	10 % to 90 %	10 % to 90 %	10 % to 90 %	10 % to 90 %
Dimensions (L × W × H)	120 mm × 120 mm × 21 mm	120 mm × 120 mm × 21 mm	120 mm × 120 mm × 21 mm	120 mm × 120 mm × 21 mm	120 mm × 120 mm × 21 mm	120 mm × 120 mm × 21 mm

2-Wire HD Door Station

Product						
Product Model	DS-KD7003EY-IME2	DS-KD7003EY-IME2/Aluminum	DS-KD7000EY-ME2	DS-KD7000EY-ME2/Aluminum	DS-KV7023EY-IME2	DS-KV7413EY-IME2
Operation System	Linux	Linux	Linux	Linux	Linux	Linux
Camera	2 MP	2 MP	-	-	2 MP	2 MP
Video Compression Standard	H.264	H.264	-	-	H.264	H.264
Resolution	1920 × 1080	1920 × 1080	-	-	1920 × 1080	1920 × 1080
Card Reader	-	-	-	-	√	√
PIN Code	-	-	-	-	-	√
Audio Compression Standard	G722.1, G726, G729, AAC_LC, AAC_LD, OPUS	G722.1, G726, G729, AAC_LC, AAC_LD, OPUS	G722.1, G726, G729, AAC_LC, AAC_LD, OPUS	G722.1, G726, G729, AAC_LC, AAC_LD, OPUS	G722.1, G726, G729, AAC_LC, AAC_LD, OPUS	G722.1, G726, G729, AAC_LC, AAC_LD, OPUS
Audio Compression Rate	64 Kbps	64 Kbps	64 Kbps	64 Kbps	64 Kbps	64 Kbps
Light Supplement Mode	IR Supplement	IR Supplement	-	-	IR Supplement	IR Supplement
Alarm Input	2	2	2	2	2	2
2-Wire Interface	-	-	-	-	-	-
RS-485	1	1	1	1	1	1
Lock Control	2	2	2	2	2	2
Power Supply	Powered by distributor DS-KAD7060EY or 12 VDC	Powered by distributor DS-KAD7060EY or 12 VDC	Powered by distributor DS-KAD7060EY or 12 VDC	Powered by distributor DS-KAD7060EY or 12 VDC	Powered by distributor DS-KAD7040EY or 12 VDC	Powered by distributor DS-KAD7040EY or 12 VDC
Power Consumption	≤ 6 W	≤ 6 W	≤ 6 W	≤ 6 W	≤ 6 W	≤ 6 W
Working Temperature	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F)
Working Humidity	10 % to 90 %	10 % to 90 %	10 % to 90 %	10 % to 90 %	10 % to 90 %	10 % to 90 %
IP Protection Level	IP65, IK08	IP65, IK08	IP65, IK08	IP65, IK08	IP65, IK08	IP65, IK08
Dimensions (L × W × H)	100 mm × 98 mm × 42 mm	100 mm × 98 mm × 42 mm	100 mm × 98 mm × 42 mm	100 mm × 98 mm × 42 mm	165mm × 95 mm × 25 mm	165mm × 95 mm × 25 mm

Notes The 2-wire HD door stations use the same modules as the IP modular door station. Refer to page 13 for more details about the modules.

2-Wire HD Distributor & Floor Shunt

Product					
Product Model	DS-KAD7060EY	DS-KAD7060EY-S	DS-KAD7040EY	DS-KAD7061EY	DS-KAD7062EY
2-Wire Interface	8 (2 for cascading, 6 for devices)	8 (2 for cascading, 6 for devices)	6 (2 for cascading, 4 for devices)	6 (2 for cascading, 4 for indoor station)	3 (2 for cascading, 1 for indoor station)
Signal Indicators	8	8	6	6	3
Power Supply	Two-wire mode, 48 VDC	Two-wire mode, 48 VDC	Two-wire mode, 48 VDC	-	-
Power Consumption	CH1 to CH2 < 15 W, CH3+CH4+CH5+CH6 < 110 W	-	CH1 to CH2 < 15 W, CH3+CH4+CH5+CH6 < 110 W	-	-
Installation	DIN rail installation	DIN rail installation	DIN rail installation	Surface mounting	Surface mounting
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)
Working Humidity	10% to 90%	10% to 90%	10% to 90%	10% to 90%	10% to 90%
Dimensions (L × W × H)	143.7 mm × 92.4 mm × 65.9 mm	143.7 mm × 92.4 mm × 65.9 mm	143.7 mm × 92.4 mm × 65.9 mm	70.6 mm × 60 mm × 25 mm	29.2 mm × 44.9 mm × 21.9 mm

2-Wire HD Relay

Product	
Product Model	DS-KA-RL1E2
Relay	1
Function	Support lock, light, bell
Installation	DIN rail installation
Dimensions (L × W × H)	99.5 mm × 98.5 mm × 35 mm

2-Wire IP Indoor Station

Product	
Product Model	DS-KH6320Y-WTE2
Display Screen	7-inch
Display Resolution	1024 × 600
Operation Method	Capacitive touch screen
Audio Input	Built-in Omnidirectional Microphone
Audio Output	Built-in Loudspeaker
Audio Quality	Noise Suppression and Echo Cancellation
2-Wire Interface	Two-Wire Interface
RS-485	1
I/O Output	2 Relay Output
Power Supply	24 VDC
Power Consumption	≤ 4 W
Working Temperature	-10 °C to 50 °C (14 °F to 122 °F)
Working Humidity	0 % to 90 %
Dimensions (L × W × H)	190.2 mm × 138.2 mm × 20 mm

2-Wire IP Distributor

Product		
Product Model	DS-KAD706Y	DS-KAD706Y-S
Ethernet	1 RJ45	1 RJ45
2-Wire Interface	8 (2 for cascading, 6 for devices)	8 (2 for cascading, 6 for device without power)
Power Supply	Two-wire mode, 24 VDC	Two-wire mode, 24 VDC
Power Consumption	CH1 to CH5 < 6 W, CH6 < 16 W	-
Working Temperature	-10 °C to 55 °C (-14 °F to 131 °F)	-10 °C to 55 °C (-14 °F to 131 °F)
Working Humidity	10 % to 90 %	10 % to 90 %
Dimensions (L × W × H)	143.7 mm × 92.4 mm × 65.9 mm	143.7 mm × 92.4 mm × 65.9 mm

2-Wire IP Door Station

Product			
Product Model	DS-KD8003Y-IME2	DS-KD8003Y-IME2/S	DS-KD8003Y-IME2/NS
Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor
Operation System	Linux	Linux	Linux
Camera	2 MP	2 MP	2 MP
Video Compression Standard	H.264, H.265, MJPEG	H.264, H.265, MJPEG	H.264, H.265, MJPEG
Resolution	1920 × 1080	1920 × 1080	1920 × 1080
Audio Input	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone	Built-in Omnidirectional Microphone
Audio Output	Built-in Loudspeaker	Built-in Loudspeaker	Built-in Loudspeaker
Audio Compression Standard	G.711 U, G.711 A, Opus, AAC-LD, AAC-LC, G.726, G.722.1	G.711 U, G.711 A, Opus, AAC-LD, AAC-LC, G.726, G.722.1	G.711 U, G.711 A, Opus, AAC-LD, AAC-LC, G.726, G.722.1
Plastic	Plastic	Stainless steel	Stainless steel
Button	1 Call Button	1 Call Button	No Call Button
Light Supplement Mode	IR Supplement	IR Supplement	IR Supplement
Alarm Input	Door Magnetic Alarm, Tampering Alarm	-	-
2-Wire Interface	√	√	√
RS-485	1	1	1
I/O Output	2	2	2
Power Supply	Powered by KAD704Y or KAD706Y series distributor	Powered by KAD704Y or KAD706Y series distributor	Powered by KAD704Y or KAD706Y series distributor
Power Consumption	≤ 4 W	≤ 4 W	≤ 4 W
Working Temperature	-40 °C to 60 °C [-40 °F to 140 °F]	-40 °C to 60 °C [-40 °F to 140 °F]	-40 °C to 60 °C [-40 °F to 140 °F]
Working Humidity	10 % to 90 %	10 % to 90 %	10 % to 90 %
IP Protection Level	IP65	IP65	IP65
Dimensions (L × W × H)	100 mm × 98 mm × 42 mm	100 mm × 98 mm × 42 mm	100 mm × 98 mm × 42 mm

Notes: The 2-wire IP door stations use the same modules as the IP modular door station. Refer to page 13 for more details about the modules.

4-Wire Indoor Station

Product						
Product Model	DS-KH6320-WTDE1	DS-KH6320-TDE1	DS-KH6352-WTDE6(B)	DS-KH2230T(B)	DS-KH2220	DS-KH2220-S
Display Screen	7-Inch	7-Inch	7-Inch	7-Inch	7-Inch	7-Inch
Display Resolution	1024 × 600	1024 × 600	1024 × 600	1280 × 720	800 × 480	800 × 480
Operation Method	Capacitive Touch Screen	Capacitive Touch Screen	Capacitive Touch Screen	Capacitive Touch Screen	Capacitive Touch Screen	Capacitive Touch Screen
Audio Input	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone
Audio Output	Built-in Loudspeaker	Built-in Loudspeaker	1 Built-in Loudspeaker	1 Built-in Loudspeaker	1 Built-in Loudspeaker	1 Built-in Loudspeaker
Audio Quality	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation	Noise Suppression and Echo Cancellation
4-wire Interface	4, 2 for indoor extensions, 2 for doorphones	4, 2 for indoor extensions, 2 for doorphones	4, 2 for indoor extensions, 2 for doorphones	4, 2 for indoor extensions, 2 for doorphones	4, 2 for indoor extensions, 2 for doorphones	4, 2 for indoor extensions, 2 for doorphones
Wi-Fi	√	√	√	-	-	-
Network Protocol	TCP/IP, SIP, RTSP	TCP/IP, SIP, RTSP	TCP/IP, SIP, RTSP	TCP/IP, SIP, RTSP	TCP/IP, SIP, RTSP	TCP/IP, SIP, RTSP
Alarm Input	2	2	2	-	-	-
Network Interface	1 RJ-45 10/100 Mbps self-adaptive	1 RJ-45 10/100 Mbps self-adaptive	-	-	-	-
RS-485	1	1	-	-	-	-
TF Card (Micro SD Card)	Max to 128 G, SD 2.0 or lower version	Max to 128 G, SD 2.0 or lower version	Max to 128 G, SD 2.0 or lower version	-	-	-
Power Supply	IEEE802.3af, Standard PoE, 12 VDC	IEEE802.3af, Standard PoE, 12 VDC	12 VDC	12 VDC	12 VDC	12 VDC
Power Consumption	≤ 5 W	≤ 5 W	≤ 5 W	≤ 5 W	≤ 5 W	≤ 5 W
Working Temperature	-10°C to 55°C (14 °F to 131 °F)	-10°C to 55°C (14 °F to 131 °F)	-10°C to 50°C (14 °F to 122 °F)	-10°C to 55°C (14 °F to 131 °F)	-10°C to 55°C (14 °F to 131 °F)	-10°C to 55°C (14 °F to 131 °F)
Working Humidity	10 % to 90 % [no-condensing]	10 % to 90 % [no-condensing]	10 % to 90 % [no-condensing]	10 % to 90 % [no-condensing]	10 % to 90 % [no-condensing]	10 % to 90 % [no-condensing]
Dimensions (L × W × H)	200 mm × 140 mm × 23.6 mm (7.9" × 5.5" × 0.9")	200 mm × 140 mm × 23.6 mm (7.9" × 5.5" × 0.9")	175 mm × 113.5 mm × 18.1 mm (6.89" × 4.47" × 0.71")	178 mm × 132 mm × 19 mm (7" × 5.20" × 0.75")	195.8 mm × 132.8 mm × 18.39 mm (7.7" × 5.2" × 0.7")	195.8 mm × 132.8 mm × 18.39 mm (7.7" × 5.2" × 0.7")

4-Wire Door Station

Product				
Product Model	DS-KB2411T-IM	DS-KB2421T-IM	DS-KB2412T-IM(B)	DS-KB2422T-IM(B)
Camera	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS
Video Compression Standard	H.264	H.264	H.264	H.264
Resolution	960 × 576	960 × 576	1280 × 720	1280 × 720
Video Frame Rate	PAL: 25 fps	PAL: 25 fps	PAL: 60 fps	PAL: 60 fps
Audio Input	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone	1 built-in omnidirectional microphone
Audio Output	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker	1 built-in loudspeaker
Audio Quality	Noise suppression and echo cancellation	Noise suppression and echo cancellation	Noise suppression and echo cancellation	Noise suppression and echo cancellation
Light SupplementMode	Self-adaptive IR supplement (with photoresistor)	Self-adaptive IR supplement (with photoresistor)	Self-adaptive IR supplement (with photoresistor)	Self-adaptive IR supplement (with photoresistor)
I/O Output	1 Relay Output	1 Relay Output	1 Relay Output	1 Relay Output
4-Wire Interface	1 four-wire interface (1-ch video input, 1-ch audio input/output, 1-ch power supply, 1-ch grounding)	1 four-wire interface (1-ch video input, 1-ch audio input/output, 1-ch power supply, 1-ch grounding)	1 four-wire interface (1-ch video input, 1-ch audio input/output, 1-ch power supply, 1-ch grounding)	1 four-wire interface (1-ch video input, 1-ch audio input/output, 1-ch power supply, 1-ch grounding)
Material	Aluminum alloy	Zinc alloy	Plastic	Metal
Power Supply	12 VDC	12 VDC	12 VDC	12 VDC
Power Consumption	≤ 5 W	≤ 5 W	≤ 4 W	≤ 4 W
Working Temperature	-10°C to 55°C (14 °F to 131 °F)	-30°C to 70°C (-22 °F to 158 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)
Working Humidity	10 % to 90 % (no-condensing)	10 % to 90 % (no-condensing)	10 % to 90 % (no-condensing)	10 % to 90 % (no-condensing)
Dimensions (L × W × H)	135.14 mm × 49.6 mm × 41.93 mm (5.32" × 1.95" × 1.65")	145.5 mm × 51.5 mm × 49 mm (57.3" × 2.02" × 1.93")	50.94 mm × 135.94 mm × 20 mm (2" × 5.35" × 0.79")	145 mm × 55 mm × 24 mm (5.71" × 2.17" × 0.94")
Protection Level	-	IP65	-	IP65, IK08

IP Video Intercom Kit

Product						
Product Model	DS-KIS902-S	DS-KIS608-P	DS-KIS604-S(C)	DS-KIS602(B)	DS-KIS604-P(C)	DS-KIS607-S
Video	2 × 2 MP, H: 88°, V:44°	2 MP, H: 129°, V:75°	2 MP, H: 124°, V:75°	2 MP, H: 146°, V:82°	2 MP, H: 124°, V:75°	2 MP, H: 131°, V: 78°
Screen	7-Inch touch screen	7-Inch touch screen	7-Inch touch screen	7-Inch touch screen	7-Inch touch screen	7-Inch touch screen
Door Station Material	Metal	Metal	Metal	Metal + Plastic	Metal	Plastic
Door Station Protection Level	IP65, IK08	IP65	IP65, IK08	IP65	IP65, IK08	IP65
Lock Control	2	1	2	2	2	1
Capture Picture	√	√	√	√	√	√
Volume Adjustment	√	√	√	√	√	√
Indoor Station Wi-Fi	√	√	√	√	√	√
Mobile Control	√	√	√	√	√	√
Door Opening Methods	Face, PIN code, card, QR code, Bluetooth, indoor station	App, indoor station, card	App, indoor station, card	App, indoor station	App, indoor station, card	App, indoor station, card
Capacity	Indoor station: 1 + 16 (max.) Door station: 1 + 16 (max.)	Indoor station: 1 + 16 (max.) Door station: 1 + 16 (max.)	Indoor station: 1 + 16 (max.) Door station: 1 + 16 (max.)	Indoor station: 1 + 16 (max.) Door station: 1 + 16 (max.)	Indoor station: 1 + 16 (max.) Door station: 1 + 16 (max.)	Indoor station: 1 + 16 (max.) Door station: 1 + 16 (max.)
Kits Includes	DS-KV9503-WBE1 × 1, DS-KH6350-WTE1 White × 1, 4 ports standard PoE switch × 1, DS-KABV9503-RS × 1, Administrator card × 1, Key fob × 5, 32GB TF card × 1	DS-KV6133-WME1 × 1, DS-KH6350-WTE1 White × 1, PSU × 2, DS-KABV6133-RS × 1, Administrator card × 1, Key fob × 5, 32GB TF card × 1	DS-KV8113-WME1(C) × 1, DS-KH6320-WTE × 1, 4 port standard PoE switch × 1, DS-KABV8113-RS/Surface × 1, Administrator card × 1, Key fob × 5, 32GB TF card × 1	DS-KD8003-IME1(B)/Surface × 1, DS-KH6320-WTE1 × 1, 4 port standard PoE switch × 1, DS-KABD8003-RS1 × 1, Administrator card × 1, Key fob × 5, 32GB TF card × 1	DS-KV8113-WME1(C) × 1, DS-KH6320-WTE1 × 1, PSU × 2, DS-KABV8113-RS/Surface × 1, Administrator card × 1, Key fob × 5, 32GB TF card × 1	DS-KV6113-PE1(C) × 1, DS-KH6350-WTE1 White × 1, 4 ports standard PoE switch × 1, DS-KABV6113-RS × 1, Administrator card × 1, Key fob × 5, 32GB TF card × 1

IP Video Intercom Kit

Product			
Product Model	DS-KIS603-P(C)	DS-KIS606-P	DS-KIS605-P(C)
Video	2 MP, H: 131°, V: 78°	2 MP, H: 131°, V: 78°	2 MP, H: 131°, V: 78°
Screen	7-Inch touch screen	4.3-Inch touch screen	7-Inch touch screen
Door Station Material	Plastic	Plastic	Plastic
Door Station Protection Level	IP65	IP65	IP65
Lock Control	1	1	1
Capture Picture	√	√	-
Volume Adjustment	√	√	√
Indoor Station Wi-Fi	√	√	-
Mobile Control	√	√	√
Door Opening Methods	App, indoor station, card	App, indoor station, card	App, indoor station, card
Capacity	Indoor station: 1 + 16 (max.) Door station: 1 + 16 (max.)	Indoor station: 1 + 16 (max.) Door station: 1 + 16 (max.)	Indoor station: 1 + 16 (max.) Door station: 1 + 16 (max.)
Kit Includes	DS-KV6113-WPE1(C) × 1, DS-KH6320-WTE1 × 1, DSKABV6113-RS × 1, Administrator card × 1 Key fob × 5 PSU × 2	DS-KV6113-PE1(C) × 1, DS-KH6110-WE1 × 1, DSKABV6113-RS × 1, Administrator card × 1 Key fob × 5 PSU × 2	DS-KV6113-WPE1(C) × 1, DS-KH6320-LE1(B) × 1, DSKABV6113-RS × 1, Administrator card × 1 Key fob × 5 PSU × 2

4-Wire Video Intercom Kit

Product			
Product Model	DS-KIS313-P(B)	DS-KIS312-P(B)	DS-KIS303-P
Video	2 MP, H: 117°, V: 70°	2 MP, H: 130°, V: 70°	2 MP, H: 66.2°, V: 37.2°
Screen	7-Inch touch screen	7-Inch touch screen	7-Inch touch screen
Door Station Material	Metal	Plastic	Metal
Door Station Protection Level	IP65, IK08	-	IP65
Lock Control	1	1	1
Capture Picture	√	√	√
Volume Adjustment	√	√	√
Wi-Fi	√	√	√
Mobile Control	√	√	√
Door Opening Methods	App, indoor station	App, indoor station	App, indoor station
Capacity	Indoor station: 1 + 2 (max.) Door station: 1 + 1 (max.)	Indoor station: 1 + 2 (max.) Door station: 1 + 1 (max.)	Indoor station: 1 + 2 (max.) Door station: 1 + 1 (max.)
Kit Includes	DS-KB2422T-IM(B) × 1, DS-KH6352-WTDE6(B) × 1, Protective shield × 1, PSU × 1	DS-KB2412T-IM(B) × 1, DS-KH6352-WTDE6(B) × 1, Protective shield × 1, PSU × 1	DS-KB2421T-IM × 1, DS-KH6320-WTDE1 × 1, Protective shield × 1, PSU × 1

4-Wire Video Intercom Kit

Product					 HOT	 HOT
Product Model	DS-KIS302-P	DS-KIS213(B)	DS-KIS212(B)	DS-KIS204T	DS-KIS203T	DS-KIS202T
Video	2 MP, H: 66.2°, V: 37.2°	2 MP, H: 117°, V: 70°	2 MP, H: 130°, V: 70°	2 MP, H: 66.2°, V: 37.2°	2 MP, H: 66.2°, V: 37.2°	2 MP, H: 66.2°, V: 37.2°
Screen	7-in touch screen	7-inch non-touch screen	7-inch non-touch screen	7-inch non-touch screen	7-inch non-touch screen	7-inch non-touch screen
Door Station Material	Metal	Metal	Plastic	Metal	Metal	Metal
Door Station Protection Level	-	IP65, IK08	-	-	IP65	-
Lock Control	1	1	1	1	1	1
Capture Picture	√	-	-	√	×	-
Volume Adjustment	√	√	√	√	√	√
Wi-Fi	√	-	-	-	-	-
Mobile Control	√	-	-	-	-	-
Door Opening Methods	App, indoor station	Indoor station	Indoor station	Indoor station	Indoor station	Indoor station
Capacity	Indoor station: 1 + 2 (max.) Door station: 1 + 1 (max.)	Indoor station: 1 + 2 (max.) Door station: 1 + 1 (max.)	Indoor station: 1 + 2 (max.) Door station: 1 + 1 (max.)	Indoor station: 1 + 2 (max.) Door station: 1 + 1 (max.)	Indoor station: 1 + 2 (max.) Door station: 1 + 1 (max.)	Indoor station: 1 + 2 (max.) Door station: 1 + 1 (max.)
Kit Includes	DS-KB2411T-IM × 1, DS-KH6320-WTDE1 × 1, PSU × 1	DS-KB2422T-IM(B) × 1, DS-KH2230T(B) × 1, Protective shield × 1, PSU × 1	DS-KB2412T-IM(B) × 1, DS-KH2230T(B) × 1, Protective shield × 1, PSU × 1	DS-KB2411T-IM × 1, DS-KH2220 -S × 1, PSU × 1	DS-KB2421T-IM × 1, DS-KH2220 × 1, Protective shield × 1, PSU × 1	DS-KB2411T-IM × 1, DS-KH2220 × 1, PSU × 1

2-Wire Video Intercom Kit

Product						
Product Model	DS-KIS706EY	DS-KIS705EY/2Monitors	DS-KIS705EY	DS-KIS704EY	DS-KIS704EY/Aluminum	DS-KIS703Y-P
Video	2 MP, H: 135°, V: 85°	2 MP, H: 135°, V: 85°	2 MP, H: 135°, V: 85°	2 MP, H: 133°, V: 82°	2 MP, H: 133°, V: 82°	2 MP, H: 140°, V: 85°
Screen	7-in touch screen	7-in touch screen	7-in touch screen	7-in touch screen	7-in touch screen	7-in touch screen
Door Station Material	316L stainless steel	316L stainless steel	316L stainless steel	Stainless steel	Aluminum	Stainless steel
Door Station Protection Level	IP65, IK08	IP65, IK08	IP65, IK08	IP65, IK08	IP65, IK08	IP65
Lock Control	2	2	2	2	2	2
Capture Picture	√	√	√	√	√	√
Indoor Station Wi-Fi	√	√	√	√	√	√
Mobile Control	√	√	√	√	√	√
Door Opening Methods	App, indoor station, card, PIN code	App, indoor station, card	App, indoor station, card	App, indoor station	App, indoor station	App, indoor station
Capacity	Door station + Indoor station: 4 (max.)	Door station + Indoor station: 4 (max.)	Door station + Indoor station: 4 (max.)	Door station: 1 + 16 (max.) Indoor station: 99	Door station: 1 + 16 (max.) Indoor station: 99	1 Door Station to 1 Indoor Station
Kit Includes	DS-KD7023EY-IME2 × 1, DS-KH7300EY-WTE2/White × 1, DS-KAD7040EY × 1, 32GB TF card × 1, 36W DIN RAIL PSU × 1, Rain shield × 1	DS-KD7413EY-IME2 × 1, (two call buttons) DS-KH7300EY-WTE2/White × 2, DS-KAD7040EY × 1, 32GB TF card × 1, 36W DIN RAIL PSU × 1, Rain shield × 1	DS-KD7413EY-IME2 × 1, DS-KH7300EY-WTE2/White × 1, DS-KAD7040EY × 1, 32GB TF card × 1, 36W DIN RAIL PSU × 1, Rain shield × 1	DS-KD7003EY-IME2 × 1; DS-KD-ACW1/S × 1; DS-KH7300EY-WTE2/White × 1; DS-KAD7040EY × 1; 32GB TF card × 1; 36W DIN RAIL PSU × 1	DS-KD7003EY-IME2/Aluminum × 1; DS-KD-ACW1 × 1; DS-KH7300EY-WTE2/White × 1; DS-KAD7040EY × 1; 32GB TF card × 1; 36W DIN RAIL PSU × 1	DS-KV8103-IMPE2 × 1, DS-KH6320-WTPE2 × 1, DS-KAB8103-IMEX × 1, PSU × 1

2-Wire Video Intercom Kit

Product		
Product Model	DS-KIS702Y	DS-KIS702Y-P
Video	2 MP, H: 146°, V: 82°	2 MP, H: 146°, V: 82°
Screen	7-inch touch screen	7-inch touch screen
Door Station Material	Aluminum	Aluminum
Door Station Protection Level	IP65	IP65
Lock Control	2	2
Capture Picture	√	√
Indoor Station Wi-Fi	√	√
Mobile Control	√	√
Door Opening Methods	-	-
Capacity	Door station: 1 + 16 (max.) Indoor station: 1 + 16 (max.)	Door station: 1 + 16 (max.) Indoor station: 1 + 16 (max.)
Kit Includes	DS-KD8003Y-IME2/Surface × 1, DS-KH6320Y-WTE2 × 1, DS-KAD704Y × 1, PSU × 1, 32GB TF card × 1	DS-KD8003Y-IME2/Surface × 1, DS-KH6320Y-WTE2 × 1, DS-KAD704Y × 1, DS-KAW30-2N × 1, 32GB TF card × 1

2-Wire Analog Intercom Kit

Product				
Product Model	DS-KIS102-P/Surface	DS-KIS103	DS-KIS103/US	DS-KIS103/AR
Video	800 TVL, H: 110°, V: 65°	-	-	-
Screen	7-inch	-	-	-
Door Station Protection Level	IP55	IP55	IP55	IP55
Lock Control	1	1	1	1
Door Opening Methods	Indoor Station, Card	Indoor Station	Indoor Station	Indoor Station
Capacity	1 to 1	1 to 1	1 to 1	1 to 1
Kit Includes	DS-KV1111-ME2/Surface × 1 DS-KH1210 × 1	DS-KV1100-ME2/Surface × 1 DS-KH1101(0-STD) × 1	DS-KV1100-ME2/Surface × 1 DS-KH1101(0-STD) × 1	DS-KV1100-ME2/Surface × 1 DS-KH1101(0-STD) × 1

Panic Alarm Panel

Product							
Product Model	DS-PEA103-K1	DS-PEA103-CK1	DS-PEA103-CK1-E1	DS-PEAP-CV1(B)	DS-PEAP-CV1E(B)	DS-PEAP-CVS1(B)	DS-PEAP-CVSA1(B)
Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor
Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System	Embedded Linux Operation System
Camera	-	2 MP Camera	2 MP Camera	4 MP HD IR Camera	4 MP HD IR Camera	4 MP HD IR Camera	4 MP HD IR Camera
Audio Input	1-ch Built-in Omnidirectional Microphone Pickup Distance: 1 m 1-ch 3.5 mm Audio Interface for External Audio Input	1-ch Built-in Omnidirectional Microphone Pickup Distance: 1 m 1-ch 3.5 mm Audio Interface for External Audio Input	1-ch Built-in Omnidirectional Microphone Pickup Distance: 1 m 1-ch 3.5 mm Audio Interface for External Audio Input	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 2 m, listening Distance: 10 m	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 2 m, listening Distance: 10 m	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 2 m, listening Distance: 10 m	1-ch Built-in Omnidirectional Microphone, Pickup Distance: 2 m, listening Distance: 10 m
Audio Output	1-ch 3 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output	1-ch 3 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output	1-ch 3 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output	1-ch 3 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output	1-ch 3 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output	1-ch 3 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output	1-ch 3 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output
Network Protocol	TCP/IP, SIP, RTSP, Onvif, Standard SIP	TCP/IP, SIP, RTSP, Onvif, Standard SIP	TCP/IP, SIP, RTSP, Onvif, Standard SIP	TCP/IP, SIP, RTSP, Onvif, Standard SIP	TCP/IP, SIP, RTSP, Onvif, Standard SIP	TCP/IP, SIP, RTSP, Onvif, Standard SIP	TCP/IP, SIP, RTSP, Onvif, Standard SIP
Ethernet	10 M/100 M Self-adaptive Ethernet Port	10 M/100 M Self-adaptive Ethernet Port	10 M/100 M Self-adaptive Ethernet Port	10 M/100 M Self-adaptive Ethernet Port	10 M/100 M Self-adaptive Ethernet Port	10 M/100 M Self-adaptive Ethernet Port	10 M/100 M Self-adaptive Ethernet Port
Ethernet Port	1 RJ45 10 M/100 M Self-adaptive Ethernet Port	1 RJ45 10 M/100 M Self-adaptive Ethernet Port	1 RJ45 10 M/100 M Self-adaptive Ethernet Port	2 RJ45 10 M/100 M Self-adaptive Ethernet Port	2 RJ45 10 M/100 M Self-adaptive Ethernet Port	2 RJ45 10 M/100 M Self-adaptive Ethernet Port	2 RJ45 10 M/100 M Self-adaptive Ethernet Port
I/O Input	2	2	2	2	2	2	2
I/O Output	2	2	2	2	2	2	2
Alarm Lamp	ISUP/EZVIZ/Standard SIP	ISUP/EZVIZ/Standard SIP	ISUP/EZVIZ/Standard SIP	ISUP/EZVIZ/Standard SIP	ISUP/EZVIZ/Standard SIP	ISUP/EZVIZ/Standard SIP	ISUP/EZVIZ/Standard SIP
Siren	User name and password authentication	User name and password authentication	User name and password authentication	User name and password authentication	User name and password authentication	User name and password authentication	User name and password authentication
SD Card	Standard Micro SD Card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 256G	Standard Micro SD Card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 256G	Standard Micro SD Card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 256G	Standard Micro SD Card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 256G	Standard Micro SD Card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 256G	Standard Micro SD Card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 256G	Standard Micro SD Card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 256G
36/46 Module	√	√	√	√	√	√	√
Power Supply	DC 12 V	DC 12 V	DC 12 V/PoE	DC 12 V/PoE	DC 12 V/PoE	DC 12 V/PoE	DC 12 V/PoE
Operation Temperature	-25 °C to 55 °C	-25 °C to 55 °C	-25 °C to 55 °C	-40 °C to 65 °C (-40 °F to 149 °F)	-40 °C to 65 °C (-40 °F to 149 °F)	-40 °C to 65 °C (-40 °F to 149 °F)	-40 °C to 65 °C (-40 °F to 149 °F)
Protection Level	IP65	IP65, IK08	IP65, IK08	IP65, IK10	IP65, IK10	IP65, IK10	IP65, IK10
Dimensions (L × W × H)	114 mm × 179 mm × 41.1 mm	114 mm × 179 mm × 41.1 mm	114 mm × 179 mm × 41.1 mm	190 mm × 119 mm × 47 mm	190 mm × 119 mm × 47 mm	229 mm × 138 mm × 44.5 mm	229 mm × 138 mm × 44.5 mm
Mounting Mode	Surface mounting and flush mounting	Surface mounting and flush mounting	Surface mounting and flush mounting	Surface mounting	Surface mounting	Flush mounting	Flush mounting

Panic Alarm Box	
Product	
Product Model	DS-KEB801X-C
Processor	High-Performance Embedded SOC Processor
Operation System	Embedded Linux Operation System
Camera	4 MP HD IR Camera
Audio Input	1-ch Built-in Omnidirectional Microphone Pickup Distance: 1 m 1-ch 3.5 mm Audio Interface for External Audio Input
Audio Output	1-ch 3 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output
Network Protocol	TCP/IP, SIP, HIK, RTSP, ONVIF
Ethernet	10 M/100 M Self-adaptive Ethernet Port
Ethernet Port	1 RJ45 10 M/100 M Self-adaptive Ethernet Port
I/O Input	2
I/O Output	2
SD Card	Standard Micro SD Card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 256G
36/46 Module	√
Power Supply	220 VAC
Operation Temperature	-40 °C to 70 °C
Installation	Floor-mounted and pole clamp mounted
Dimensions (L × W × H)	504 mm × 327.7 mm × 125 mm

Panic Alarm Tower		
Product		
Product Model	DS-KEP311X	DS-KEP311X-ZJ
Processor	High-Performance Embedded SOC Processor	High-Performance Embedded SOC Processor
Operation System	Embedded Linux Operation System	Embedded Linux Operation System
Camera	4 MP HD IR Camera	4 MP HD IR Camera
Audio Input	1-ch Built-in Omnidirectional Microphone Pickup Distance: 1 m 1-ch 3.5 mm Audio Interface for External Audio Input	1-ch Built-in Omnidirectional Microphone Pickup Distance: 1 m 1-ch 3.5 mm Audio Interface for External Audio Input
Audio Output	1-ch 3 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output	1-ch 3 W Build-in Loudspeaker 1-ch 3.5 mm Audio Interface for External Audio Output
Network Protocol	TCP/IP, SIP, HIK, RTSP, ONVIF	TCP/IP, SIP, HIK, RTSP, ONVIF
Ethernet	10 M/100 M Self-adaptive Ethernet Port	10 M/100 M Self-adaptive Ethernet Port
Ethernet Port	1 RJ45 10 M/100 M Self-adaptive Ethernet Port	1 RJ45 10 M/100 M Self-adaptive Ethernet Port
I/O Input	2	2
I/O Output	2	2
SD Card	Standard Micro SD Card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 256G	Standard Micro SD Card Slot, Supports Micro SD/SDHC/SDXC Card, Max. 256G
36/46 Module	√	√
Power Supply	220 VAC	220 VAC
Operation Temperature	-40 °C to 70 °C	-40 °C to 70 °C
Installation	Ground mounting	Ground mounting
Dimensions (L × W × H)	280 mm × 280 mm × 4332 mm	280 mm × 280 mm × 4332 mm

Panic Alarm Master Station	
Product	
Product Model	DS-PEA4H-20
Processor	Embedded high performance processor
Operation System	Android 7.1
Video Compression Standard	Main stream: H.264, Sub-stream: H.264
Resolution	2 MP
Display Screen	10.1-inch
Display Resolution	1280 × 800
Operation Method	Capacitive touch screen
Audio Input	Built-in omnidirectional microphone, external speaker, external goose neck microphone, external earphone (3.5 mm)
Audio Output	Built-in loudspeaker, external speaker, external voice box or earphone (3.5 mm)
Audio Compression Standard	G.711 U, G.711 A, Opus, AAC-LD, AAC-LC, G.726, G.722.1
Audio Compression Rate	64 Kbps
Network Protocol	TCP/IP, SIP, RTSP
Network Interface	2 RJ-45 10/100/1000 Mbps Self-Adaptive Ethernet Interface
RS-485	1
USB	3
Power Supply	12 VDC, standard PoE
Power Consumption	≤ 12 W
Working Temperature	-10 °C to 50 °C (14 °F to 122 °F)
Working Humidity	10% to 90% (no-condensing)
IP Protection Level	-30° C to + 50° C (-22° F to 122° F)
Dimensions (L × W × H)	292 mm × 166 mm × 31 mm

Protective Shield

Product						
Product Model	DS-KAB8103-IMEX	DS-KABD8003-RS1	DS-KABD8003-RS2	DS-KABD8003-RS3	DS-KABV9503-RS	DS-KABV6113-RS
Compatible Models	Available for DS-KV8103-IMPE2 or DS-KIS703-P 2-wire door station	Available for single module of modular door station (DS-KD8003-IME1 or DS-KD8003-IME2)	Available for 2 modules door station (DS-KD8003-IME1 or DS-KD8003-IME2)	Available for 3 modules door station (DS-KD8003-IME1 or DS-KD8003-IME2)	Available for DS-KV9503-WBE1 villa door station	Available for KV6103/6113 series villa door station
Material	Stainless Steel	SECC	SECC	SECC	SECC	Plastic
Dimensions (L × W × H)	110.4 mm × 60.55 mm × 181.4 mm	122 mm × 116.4 mm × 58 mm (4.80" × 4.58" × 2.28")	224 mm × 116.4 mm × 58 mm (8.82" × 4.58" × 2.28")	325.8 mm × 116.4 mm × 58 mm (12.83" × 4.58" × 2.28")	188.69 mm × 97 mm × 49.06 mm (7.43" × 3.82" × 1.93")	149.78 mm × 79.56 mm × 48.63 mm (5.90" × 3.13" × 1.91")

Protective Shield

Product						
Product Model	DS-KABV8113-RS/Flush	DS-KABV8113-RS/Surface	DS-KABD8003-RS1/S	DS-KABD8003-RS2/S	DS-KABD8003-RS3/S	DS-KABD9203-RS
Compatible Models	Available for KV8113 series villa door station	Available for KV8113 series villa door station	Available for single module door station (DS-KD8003-IME1 or DS-KD8003-IME2)	Available for 2 modules door station (DS-KD8003-IME1 or DS-KD8003-IME2)	Available for 3 modules door station (DS-KD8003-IME1 or DS-KD8003-IME2)	Available for KD9203 series door station
Material	SECC	SECC	Stainless Steel	Stainless Steel	Stainless Steel	SGCC
Dimensions (L × W × H)	186.15 mm × 97 mm × 48.63 mm (7.33" × 3.82" × 1.91")	188.69 mm × 97 mm × 48.63 mm (7.43" × 3.82" × 1.91")	116.4 mm × 122 mm × 58 mm (4.58" × 4.80" × 2.28")	116.4 mm × 224 mm × 58 mm (4.58" × 8.82" × 2.28")	116.4 mm × 325.8 mm × 58 mm (4.58" × 12.83" × 2.28")	377 mm × 128 mm × 86 mm (14.8" × 5" × 3.4")

Gang Box

Product				
Product Model	DS-KABV6133-G/Surface	DS-KABH8380-G	DS-KAB86	DS-KAB13-D
Compatible Models	Available for KABV6133 series villa door station	Gang box for KH8380, KH8381 series indoor station	Available for indoor station	Available for DS-KD3003 door station
Material	SGCC	SGCC	PVC	Stainless Steel
Dimensions (L × W × H)	180 mm × 102 mm × 22 mm (7.09" × 4.02" × 0.87")	171.1 mm × 102 mm × 55 mm (6.74" × 4.02" × 2.17")	81 mm × 78 mm × 50 mm (3.19" × 3.07" × 1.97")	360 mm × 128 mm × 86 mm (14.17" × 5.04" × 3.39")

Bracket

Product					
Product Model	DS-KAB21-B	DS-KABV24-A	DS-KABV6113-A	DS-KABH7X00-S	DS-KABH7300-S/Handset
Compatible Models	Available for DS-KB2421-IM doorbell to adjust the install angle for up to 30°	Available for KV6 series villa door station to adjust the install angle for up to 30°	Available for KV6 series, DS-KB2422T-IM villa door station to adjust the install angle for up to 30°	For 7/4.3 Inch hands free indoor monitor DS-KH7300EY-(W)T(I)E2 & DS-KH7100EY series and audio panel DS-KH7000EY series	For 7 inch handset indoor monitor DS-KH7300EY-(W)T(I)E2 series
Material	Die-casting aluminium	PC	PC + 10% fiberglass	Metal	Metal
Dimensions (L × W × H)	143.4 mm × 43.07 mm × 25.4 mm (5.65" × 1.70" × 1.0")	119.6 mm × 46.7 mm × 28.3 mm	133.1 mm × 60.1 mm × 35.2 mm	240 mm × 200 mm × 7 mm	260 mm × 200 mm × 7 mm

Table Bracket

Product					
Product Model	DS-KABH6320-T	DS-KABH6350-T	DS-KABH8350-T	DS-KABH8380-T	DS-KABH9510-T
Compatible Models	Available for KH6320/8520 series indoor station	Available for DS-KH6350 series indoor station	Available for KH8350 series indoor station	Available for KH8380, KH8381 series indoor station	Available for KH9310/9510 series indoor station
Material	SUS430	SECC	SUS430	SGCC	SUS430
Dimensions (L × W × H)	122 mm × 86 mm × 64 mm (4.80" × 3.39" × 2.52")	97.2 mm × 89.22 mm × 76.6 mm	95 mm × 83 mm × 98.9 mm (3.74" × 3.27" × 3.89")	148 mm × 80 mm × 73.1 mm (5.83" × 3.15" × 2.88")	122 mm × 86 mm × 64 mm (4.80" × 3.39" × 2.52")

Modular Door Station Accessories

Product						
Product Model	DS-KD-ACW1	DS-KD-ACW2	DS-KD-ACW3	DS-KD-ACF1/Plastic	DS-KD-ACF2/Plastic	DS-KD-ACF3/Plastic
Material	Aluminum	Aluminum	Aluminum	Cover: Aluminum Gang Box: Plastic	Cover: Aluminum Gang Box: Plastic	Cover: Aluminum Gang Box: Plastic
Dimensions (L × W × H)	Cover: 117 mm × 107 mm × 4 mm (4.61" × 4.21" × 0.16") Installation Frame: 117 mm × 107 mm × 32.7 mm (4.61" × 4.21" × 1.29")	Cover: 219 mm × 107 mm × 4 mm (8.62" × 4.21" × 0.16") Installation Frame: 117 mm × 107 mm × 32.7 mm (8.62" × 4.21" × 1.29")	Cover: 320.8 mm × 107 mm × 4 mm (12.6" × 4.21" × 0.16") Installation Frame: 320.8 mm × 107 mm × 32.7 mm (12.6" × 4.21" × 1.29")	Cover: 134 mm × 124 mm × 4 mm (5.28" × 4.88" × 0.16") Gang Box: 134 mm × 135 mm × 56 mm (5.28" × 5.31" × 2.20")	Cover: 236 mm × 124 mm × 4 mm (9.29" × 4.88" × 0.16") Gang Box: 237 mm × 135 mm × 56 mm (9.33" × 5.31" × 2.20")	Cover: 337.8 mm × 124 mm × 4 mm (13.3" × 4.88" × 0.16") Gang Box: 338.8 mm × 134 mm × 56 mm (13.33" × 5.31" × 2.20")

Modular Door Station Accessories

Product						
Product Model	DS-KD-ACW1/S	DS-KD-ACW2/S	DS-KD-ACW3/S	DS-KD-ACF1/S	DS-KD-ACF2/S	DS-KD-ACF3/S
Material	Stainless steel	Stainless steel	Stainless steel	Stainless steel, Gang Box: Plastic	Stainless steel, Gang Box: Plastic	Stainless steel, Gang Box: Plastic
Dimensions (L × W × H)	Cover: 117 mm × 107 mm × 4 mm (4.61" × 4.21" × 0.16") Installation Frame: 117 mm × 107 mm × 32.7 mm (4.61" × 4.21" × 1.29")	Cover: 219 mm × 107 mm × 4 mm (8.62" × 4.21" × 0.16") Installation Frame: 117 mm × 107 mm × 32.7 mm (8.62" × 4.21" × 1.29")	Cover: 320.8 mm × 107 mm × 4 mm (12.6" × 4.21" × 0.16") Installation Frame: 320.8 mm × 107 mm × 32.7 mm (12.6" × 4.21" × 1.29")	Cover: 134 mm × 124 mm × 4 mm (5.28" × 4.88" × 0.16") Gang Box: 134 mm × 135 mm × 56 mm (5.28" × 5.31" × 2.20")	Cover: 236 mm × 124 mm × 4 mm (9.29" × 4.88" × 0.16") Gang Box: 237 mm × 135 mm × 56 mm (9.33" × 5.31" × 2.20")	Cover: 337.8 mm × 124 mm × 4 mm (13.3" × 4.88" × 0.16") Gang Box: 338.8 mm × 134 mm × 56 mm (13.33" × 5.31" × 2.20")

Modular Door Station Accessories

Product						
Product Model	DS-KD-ACW1/Black	DS-KD-ACW2/Black	DS-KD-ACW3/Black	DS-KD-ACF1/Black	DS-KD-ACF2/Black	DS-KD-ACF3/Black
Material	Aluminum	Aluminum	Aluminum	Cover: Aluminum Gang Box: Plastic	Cover: Aluminum Gang Box: Plastic	Cover: Aluminum Gang Box: Plastic
Dimensions (L × W × H)	Cover: 117 mm × 107 mm × 4 mm (4.61" × 4.21" × 0.16") Installation Frame: 117 mm × 107 mm × 32.7 mm (4.61" × 4.21" × 1.29")	Cover: 219 mm × 107 mm × 4 mm (8.62" × 4.21" × 0.16") Installation Frame: 219 mm × 107 mm × 32.7 mm (8.62" × 4.21" × 1.29")	Cover: 320.8 mm × 107 mm × 4 mm (12.6" × 4.21" × 0.16") Installation Frame: 320.8 mm × 107 mm × 32.7 mm (12.6" × 4.21" × 1.29")	Cover: 134 mm × 124 mm × 4 mm (5.28" × 4.88" × 0.16") Gang box: 134 mm × 135 mm × 56 mm (5.28" × 5.31" × 2.20")	Cover: 236 mm × 124 mm × 4 mm (9.29" × 4.88" × 0.16") Gang box: 219 mm × 107 mm × 45 mm (8.6" × 4.2" × 1.8")	Cover: 337.8 mm × 124 mm × 4 mm (13.3" × 4.88" × 0.16") Gang box: 338.8 mm × 134 mm × 56 mm (13.33" × 5.31" × 2.20")

Power Supply

Product						
Product Model	DS-KAW50-1	DS-KAW50-1N	DS-KAW150-2N	DS-KAW60-2N	DS-KAW30-2N	DS-KAW150-4N
Input voltage	100 VAC to 240 VAC	100 VAC to 240 VAC	100 VAC to 240 VAC	85 to 264 VAC	85 to 264 VAC	100 to 240 VAC
Output voltage	12 VDC	12 VDC	24 VDC	24 VDC	24 VDC	48 VDC
Output current	4.17 A	4.17 A	6.25 A	2.5 A	1.5 A	3.2 A
Output power	50 W	50 W	150 W	60 W	30 W	150 W
Noise and ripple	< 150 mVpp @ 25 °C	< 150 mVpp @ 25 °C	< 150 mVpp @ 25 °C	-	-	< 150 mVpp @ 25 °C
Voltage adjustment range	11 VDC to 14 VDC	11 VDC to 14 VDC	23 VDC to 25 VDC	-	-	23 VDC to 25 VDC
Working temperature	Operating: -10 °C to 70 °C (14 °F to 158 °F) Storage: -25 °C to 85 °C (-13 °F to 185 °F)	Operating: -10 °C to 70 °C (14 °F to 158 °F) Storage: -25 °C to 85 °C (-13 °F to 185 °F)	Operating: -10 °C to 70 °C (14 °F to 158 °F) Storage: -25 °C to 85 °C (-13 °F to 185 °F)	-30 °C to 70 °C (-22 °F to 158 °F)	-30 °C to 70 °C (-22 °F to 158 °F)	Operating: -10 °C to +70 °C (14 °F to 158 °F) Storage: -25 °C to +85 °C (-13 °F to 185 °F)
Working humidity	< 95% (No Condensation)	< 95% (No Condensation)	< 95% (No Condensation)	20% to 90%	20% to 90%	< 95% (No Condensation)
Dimensions (L × W × H)	246 mm × 266.4 mm × 79.6 mm (9.69" × 10.49" × 3.13")	98 mm × 97 mm × 38 mm (3.86" × 3.82" × 1.50")	178 mm × 97 mm × 38 mm (7.01" × 3.82" × 1.50")	52.5 mm × 90 mm × 54.5 mm (2.07" × 3.54" × 2.15")	35 mm × 90 mm × 54.5 mm (1.38" × 3.54" × 2.15")	178 mm × 97 mm × 38 mm (7.01" × 3.82" × 1.50")

Access Control

MinMoe Face Recognition Terminal

Superior recognition in any environment

Recognition speed < 0.2 s & accuracy rate > 99%

Easy to manage and operate

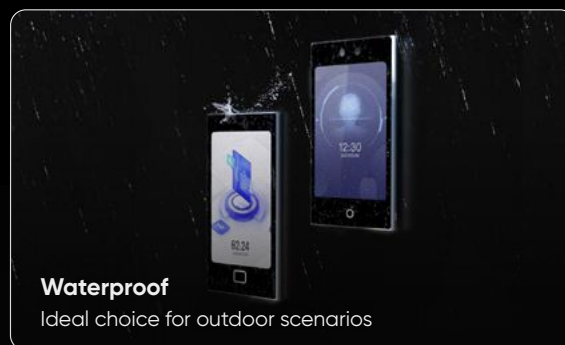
Multiple authentication methods, web/GUI configuration, Hik-Connect mobile control

Top level security

Face anti-spoofing, user data encryption & optional privacy protection mode

Extensive functionality via one device

Video security, intercom & access control integrated in one



2nd Generation Professional Access Control



Easy web management

Configuration on PC web / mobile web with AP mode on



Professional access applications

Support Wiegand, OSDP V2.X, advanced access strategies



Converged & unified solution

Integrate with video security, intercom & alarm systems



Flexible authentication

Mobile Credential: Bluetooth, QR code, and NFC

Other Credential: Card, fingerprint, and PIN code



Management Software



HikCentral
Access Control



Hik-Connect
Team Mode

Face Recognition Terminal

Product	 MinMoe	 MinMoe	 MinMoe	 MinMoe	 MinMoe	 MinMoe	 MinMoe
Product Model	DS-K1T320EX DS-K1T320MX	DS-K1T320EFX DS-K1T320MFX	DS-K1T320EWX DS-K1T320MWX	DS-K1T320EFWX DS-K1T320MFWX	DS-K1T320EFWX-B DS-K1T320MFWX-B (Backup Battery)	DS-K1T321EX DS-K1T321MX	DS-K1T321EFX DS-K1T321MFX
System	Linux	Linux	Linux	Linux	Linux	Linux	Linux
Screen Size	2.4-inch LCD non-touch screen	2.4-inch LCD non-touch screen	2.4-inch LCD non-touch screen	2.4-inch LCD non-touch screen	2.4-inch LCD non-touch screen	2.4-inch LCD non-touch screen	2.4-inch LCD non-touch screen
Power Supply	12 VDC, 1 A	12 VDC, 1 A	12 VDC, 1 A	12 VDC, 1 A	12 VDC, 1 A	12 VDC, 1 A	12 VDC, 1 A
Authentication Methods	Card Face PIN	Card Fingerprint Face PIN	Card Face PIN	Card Fingerprint Face PIN	Card Fingerprint Face PIN	Card Face PIN	Card Fingerprint Face PIN
Capacity	Card: 1,000 Face: 500 Event: 100,000	Card: 1,000 Fingerprint: 1,000 Face: 500 Event: 100,000	Card: 1,000 Face: 500 Event: 100,000	Card: 1,000 Fingerprint: 1,000 Face: 500 Event: 100,000	Card: 1,000 Fingerprint: 1,000 Face: 500 Event: 100,000	Card: 3,000 Face: 500 Event: 150,000	Card: 3,000 Fingerprint: 3,000 Face: 500 Event: 150,000
Card Reading Mode	DS-K1T320EX: EM card DS-K1T320MX: M1 card	DS-K1T320EFX: EM card DS-K1T320MFX: M1 card	DS-K1T320EWX: EM card DS-K1T320MWX: M1 card	DS-K1T320EFWX: EM card DS-K1T320MFWX: M1 card	DS-K1T320EFWX-B: EM card DS-K1T320MFWX-B: M1 card	DS-K1T321EX: EM card DS-K1T321MX: M1 card	DS-K1T321EFX: EM card DS-K1T321MFX: M1 card
Communication Mode	TCP/IP USB	TCP/IP USB	TCP/IP, Wi-Fi USB	TCP/IP, Wi-Fi USB	TCP/IP, Wi-Fi USB	TCP/IP RS-485 USB	TCP/IP RS-485 USB
Camera	2 MP lens	2 MP lens	2 MP lens	2 MP lens	2 MP lens	2 MP lens	2 MP lens
Web	PC & mobile web	PC & mobile web	PC & mobile web	PC & mobile web	PC & mobile web	PC & mobile web	PC & mobile web
Interface	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Lock × 1
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Dimensions (L × W × H)	130mm × 150mm × 24.7mm (5.1" × 5.9" × 1.0")	130mm × 150mm × 24.7mm (5.1" × 5.9" × 1.0")	130mm × 150mm × 24.7mm (5.1" × 5.9" × 1.0")	130 mm × 150 mm × 24.7 mm (5.1" × 5.9" × 1.0")	150 mm × 130 mm × 41.2 mm (5.91" × 5.12" × 1.62")	78 mm × 200 mm × 28 mm (3.1" × 7.9" × 1.1")	78 mm × 200 mm × 28 mm (3.1" × 7.9" × 1.1")

Face Recognition Terminal

Product	 MinMee	 MinMee	 MinMee	 MinMee	 MinMee	 MinMee	 MinMee
Product Model	DS-K1T321EWX DS-K1T321MWX	DS-K1T321EFWX DS-K1T321MFWX	DS-K1T321EFWX-B DS-K1T321MFWX-B (Backup Battery)	DS-K1T323EBWX-E1 DS-K1T323MBWX-E1	DS-K1T323EBFWX-E1 DS-K1T323MBFWX-E1	DS-K1T323EBWX-QRE1 DS-K1T323MBWX-QRE1	DS-K1T343EX DS-K1T343MX
System	Linux	Linux	Linux	Linux	Linux	Linux	Linux
Screen Size	2.4-inch LCD non-touch screen	2.4-inch LCD non-touch screen	2.4-inch LCD non-touch screen	2.4-inch LCD non-touch screen	2.4-inch LCD non-touch screen	2.4-inch LCD non-touch screen	4.3-inch LCD touch screen
Power Supply	12 VDC, 1 A	12 VDC, 1 A	12 VDC, 1 A	12 VDC, 1A & PoE(IEEE802.3at)	12 VDC, 1A & PoE(IEEE802.3at)	12 VDC, 1A & PoE(IEEE802.3at)	12 VDC, 1 A
Authentication Methods	Card Face PIN	Card Fingerprint Face PIN	Card Fingerprint Face PIN	Card Face PIN	Card Fingerprint Face PIN	Card Face PIN QR code	Card Face PIN
Capacity	Card: 3,000 Face: 500 Event: 150,000	Card: 3,000 Fingerprint: 3,000 Face: 500 Event: 150,000	Card: 3,000 Fingerprint: 3,000 Face: 500 Event: 150,000	Card: 3,000 Face: 1,000 Event: 150,000	Card: 3,000 Fingerprint: 3,000 Face: 1,000 Event: 150,000	Card: 3,000 Face: 1,000 Event: 150,000	Card: 3,000 Face: 1,500 Event: 150,000
Card Reading Mode	DS-K1T321EWX:EM card DS-K1T321MWX: M1 card	DS-K1T321EFWX:EM card DS-K1T321MFWX: M1 card	DS-K1T321EFWX-B: EM card DS-K1T321MFWX-B: M1 card	DS-K1T323EBWX-E1:EM card DS-K1T323MBWX-E1:M1 card	DS-K1T323EBFWX-E1:EM card DS-K1T323MBFWX-E1:M1card	DS-K1T323EBWX-QRE1:EM card DS-K1T323MBWX-QRE1:M1 card	DS-K1T343EX: EM card DS-K1T343MX: M1 card
Communication Mode	TCP/IP, Wi-Fi RS-485 USB	TCP/IP, Wi-Fi RS-485 USB	TCP/IP, Wi-Fi RS-485 USB	TCP/IP, Wi-Fi Wiegand	TCP/IP, Wi-Fi Wiegand	TCP/IP, Wi-Fi Wiegand	TCP/IP RS-485, Wiegand USB
Camera	2 MP lens	2 MP lens	2 MP lens	2 MP lens	2 MP lens	2 MP lens	2 MP wide-angle dual-lens
Web	PC & mobile web	PC & mobile web	PC & mobile web	PC & mobile web	PC & mobile web	PC & mobile web	PC & mobile web
Interface	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Lock × 1
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-30 °C to 65 °C (-22 °F to 149 °F)	-30 °C to 65 °C (-22 °F to 149 °F)	-30 °C to 65 °C (-22 °F to 149 °F)	-10 °C to 40 °C (14 °F to 104 °F)
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	0 to 90% (Non-Condensing)	0 to 90% (Non-Condensing)	0 to 90% (Non-Condensing)	0 to 90% (Non-Condensing)
Video Intercom	-	-	-	Call indoor station & main station & mobile app via physical button	Call indoor station & main station & mobile app via physical button	Call indoor station & main station & mobile app via physical button	Call indoor station & main station & mobile app via physical button
Protection Level	-	-	-	IP65	IP65	IP65	-
Dimensions (L × W × H)	78 mm × 200 mm × 28 mm (3.1" × 7.9" × 1.1")	78 mm × 200 mm × 28 mm (3.1" × 7.9" × 1.1")	200 mm × 78 mm × 50.9 mm (7.87" × 3.07" × 2")	135mm × 52 mm × 26 mm (5.32" × 2.05" × 1.02")	157 mm × 52 mm × 26 mm (6.18" × 2.05" × 1.02")	157 mm × 52 mm × 26 mm (6.18" × 2.05" × 1.02")	118.4 mm × 118.4 mm × 21.8 mm (4.66" × 4.66" × 0.86")

Face Recognition Terminal

Product							
Product Model	DS-K1T343EFX DS-K1T343MFX DS-K1T343EFWX DS-K1T343MFWX	DS-K1T343EWX DS-K1T343MWX	DS-K1T343EFWX-B DS-K1T343MFWX-B (Backup Battery)	DS-K1T342DX-E1 DS-K1T342MX-E1 DS-K1T342EX-E1	DS-K1T342MFX-E1	DS-K1T342DWX-E1 DS-K1T342MWX-E1 DS-K1T342EWX-E1	DS-K1T342MFWX-E1 DS-K1T342EFWX-E1
System	Linux	Linux	Linux	Linux	Linux	Linux	Linux
Screen Size	4.3-inch LCD touch screen	4.3-inch LCD touch screen	4.3-inch LCD touch screen	4.3-inch LCD touch screen	4.3-inch LCD touch screen	4.3-inch LCD touch screen	4.3-inch LCD touch screen
Power Supply	12 VDC, 1 A	12 VDC, 1 A	12 VDC, 1 A	12 VDC, 1 A & PoE (IEEE802.3at)	12 VDC, 1 A & PoE (IEEE802.3at)	12 VDC, 1 A & PoE (IEEE802.3at)	12 VDC, 1 A & PoE (IEEE802.3at)
Authentication Methods	Card Face Fingerprint PIN	Card Face PIN	Card Face Fingerprint PIN	Card Face PIN	Card Face Fingerprint PIN	Card Face PIN	Card Face Fingerprint PIN
Capacity	Card: 3,000 Face: 1,500 Fingerprint: 3,000 Event: 150,000	Card: 3,000 Face: 1,500 Event: 150,000	Card: 3,000 Face: 1,500 Fingerprint: 3,000 Event: 150,000	Card: 3,000 Face: 1,500 Event: 150,000	Card: 3,000 Face: 1,500 Fingerprint: 3,000 Event: 150,000	Card: 3,000 Face: 1,500 Event: 150,000	Card: 3,000 Face: 1,500 Fingerprint: 3,000 Event: 150,000
Card Reading Mode	DS-K1T343EFX: EM card DS-K1T343MFX: M1 card	DS-K1T343EWX: EM card DS-K1T343MWX: M1 card	DS-K1T343EFWX: EM card DS-K1T343MFWX: M1 card	DS-K1T342DX-E1: DESfire card; Felica card; M1 card DS-K1T342MX-E1: M1 card DS-K1T342EX-E1: EM card	M1 card	DS-K1T342DWX-E1: DESfire card; Felica card; M1 card DS-K1T342MWX-E1: M1 card DS-K1T342EWX-E1: EM card	DS-K1T342MFWX-E1: M1 card DS-K1T342EFWX-E1: EM card
Communication Mode	TCP/IP, Wi-Fi (DS-K1T343E/MFWX support) RS-485, Wiegand USB	TCP/IP, Wi-Fi RS-485, Wiegand USB	TCP/IP, Wi-Fi RS-485, Wiegand USB	TCP/IP RS-485, Wiegand USB	TCP/IP RS-485, Wiegand USB	TCP/IP, Wi-Fi RS-485, Wiegand USB	TCP/IP, Wi-Fi RS-485, Wiegand USB
Camera	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens
Web	PC & mobile web	PC & mobile web	PC & mobile web	PC & mobile web	PC & mobile web	PC & mobile web	PC & mobile web
Interface	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Lock × 1
Working Temperature	-10 °C to 40 °C (14 °F to 104 °F)	-10 °C to 40 °C (14 °F to 104 °F)	-10 °C to 40 °C (14 °F to 104 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)
Working Humidity	0 to 90% (Non-Condensing)	0 to 90% (Non-Condensing)	0 to 90% (Non-Condensing)	0 to 90% (Non-Condensing)	0 to 90% (Non-Condensing)	0 to 90% (Non-Condensing)	0 to 90% (Non-Condensing)
Video Intercom	Call indoor station & main station & mobile app via touch button	Call indoor station & main station & mobile app via touch button	Call indoor station & main station & mobile app via touch button	Call indoor station & main station & mobile app via touch button	Call indoor station & main station & mobile app via touch button	Call indoor station & main station & mobile app via touch button	Call indoor station & main station & mobile app via touch button
Protection Level	-	-	-	IP65	IP65	IP65	IP65
Dimensions (L × W × H)	118.4 mm × 118.4 mm × 21.8 mm (4.66" × 4.66" × 0.86")	118.4 mm × 118.4 mm × 21.8 mm (4.66" × 4.66" × 0.86")	118.4 mm × 118.4 mm × 41.0 mm (4.66" × 4.66" × 1.61")	91.3 mm × 181.3 mm × 24.5 mm (3.59" × 7.14" × 0.96")	91.3 mm × 181.3 mm × 24.5 mm (3.59" × 7.14" × 0.96")	91.3 mm × 181.3 mm × 24.5 mm (3.59" × 7.14" × 0.96")	91.3 mm × 181.3 mm × 24.5 mm (3.59" × 7.14" × 0.96")

Face Recognition Terminal

Product	 MinMoe	 MinMoe	 MinMoe	 MinMoe	 MinMoe	 MinMoe	 MinMoe
Product Model	DS-K1T341CM DS-K1T341CMW	DS-K1T341CMF DS-K1T341CMFW	DS-K1T344EX-E1 DS-K1T344MX-E1	DS-K1T344MFX-E1	DS-K1T344EBWX-E1 DS-K1T344MBWX-E1	DS-K1T344EBFWX-E1 DS-K1T344MBFWX-E1	DS-K1T344EBWX-QRE1 DS-K1T344MBWX-QRE1
System	Linux	Linux	Linux	Linux	Linux	Linux	Linux
Screen Size	4.3-inch capacitive touch screen	4.3-inch capacitive touch screen	4.5-inch LCD touch screen	4.5-inch LCD touch screen	4.5-inch LCD touch screen	4.5-inch LCD touch screen	4.5-inch LCD touch screen
Power Supply	12 VDC, 1 A	12 VDC, 1 A	12 VDC, 1 A & PoE (IEEE802.3at)	12 VDC, 1 A & PoE (IEEE802.3at)	12 VDC, 1 A & PoE (IEEE802.3at)	12 VDC, 1 A & PoE (IEEE802.3at)	12 VDC, 1 A & PoE (IEEE802.3at)
Authentication Methods	Card Face PIN	Card Face Fingerprint PIN	Card Face PIN	Card Face Fingerprint PIN	Card Face PIN	Card Face Fingerprint PIN	Card Face QR code PIN
Capacity	Face:3,000 Card: 3,000 Event: 150,000	Card: 3,000 Face: 3,000 Fingerprint: 3,000 Event: 150,000	Face:3,000 Card: 3,000 Event: 150,000	Card: 3,000 Face: 3,000 Fingerprint: 3,000 Event: 150,000	Face:3,000 Card: 3,000 Event: 150,000	Card: 3,000 Face: 3,000 Fingerprint: 3,000 Event: 150,000	Face:3,000 Card: 3,000 Event: 150,000
Card Reading Mode	M1 card	M1 card	DS-K1T344EX-E1: EM card DS-K1T344MX-E1: M1 card	DS-K1T344MFX-E1: M1 card	DS-K1T344EBWX-E1: EM card DS-K1T344MBWX-E1: M1 card	DS-K1T344EBFWX-E1: EM card DS-K1T344MBFWX-E1: M1 card	DS-K1T344EBWX-QRE1: EM card DS-K1T344MBWX-QRE1: M1 card
Communication Mode	TCP / IP, Wi-Fi (For W series), RS-485, Wiegand, USB	TCP / IP, Wi-Fi (For W series), RS-485, Wiegand, USB	TCP/IP RS-485, Wiegand USB	TCP/IP RS-485, Wiegand USB	TCP/IP, Wi-Fi RS-485, Wiegand USB	TCP/IP, Wi-Fi RS-485, Wiegand USB	TCP/IP, Wi-Fi RS-485, Wiegand USB
Camera	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens
Web	PC & mobile web	PC & mobile web	PC & mobile web	PC & mobile web	PC & mobile web	PC & mobile web	PC & mobile web
Interface	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Alarm input × 2, Alarm output × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Alarm input × 2, Alarm output × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Alarm input × 2, Alarm output × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Alarm input × 2, Alarm output × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Alarm input × 2, Alarm output × 1, Lock × 1
Working Temperature	-30 °C to 60 °C (-22 °F to 140°F)	-30 °C to 60 °C (-22 °F to 140°F)	-30 °C to 60 °C (-22 °F to 140°F)	-30 °C to 60 °C (-22 °F to 140°F)	-30 °C to 60 °C (-22 °F to 140°F)	-30 °C to 60 °C (-22 °F to 140°F)	-30 °C to 60 °C (-22 °F to 140°F)
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Video Intercom	Call indoor station & main station & mobile app via touch button	Call indoor station & main station & mobile app via touch button	Call indoor station & main station & mobile app via touch button or physical button	Call indoor station & main station & mobile app via touch button	Call indoor station & main station & mobile app via touch button or physical button	Call indoor station & main station & mobile app via touch button	Call indoor station & main station & mobile app via touch button
Protection Level	IP65	IP65	IP65	IP65	IP65	IP65	IP65
Dimensions (L × W × H)	172.5 mm × 83.2mm × 22.7 mm (6.79" × 3.28" × 0.89")	172.5 mm × 83.2mm × 22.7 mm (6.79" × 3.28" × 0.89")	165.2 mm × 75.7 mm × 25 mm (6.5" × 2.98" × 0.98")	165.2 mm × 75.7 mm × 25 mm (6.5" × 2.98" × 0.98")	165.2 mm × 75.7 mm × 25 mm (6.5" × 2.98" × 0.98")	165.2 mm × 75.7 mm × 25 mm (6.5" × 2.98" × 0.98")	165.2 mm × 75.7 mm × 25 mm (6.5" × 2.98" × 0.98")

Face Recognition Terminal

Product	 MinMoe	 MinMoe	 MinMoe	 MinMoe	 MinMoe	 MinMoe	 MinMoe
Product Model	DS-K1T642M DS-K1T642E	DS-K1T642MF DS-K1T642EF	DS-K1T642MW DS-K1T642EW	DS-K1T642MFW DS-K1T642EFW	DS-K1T670MX	DS-K1T670MX-QR DS-K1T670MWX-QR	DS-K1T670MFWX
System	Linux	Linux	Linux	Linux	Linux	Linux	Linux
Screen Size	4.3-inch capacitive touch screen	4.3-inch capacitive touch screen	4.3-inch capacitive touch screen	4.3-inch capacitive touch screen	7-inch LCD touch screen	7-inch LCD touch screen	7-inch LCD touch screen
Power Supply	12 VDC, 2 A	12 VDC, 2 A	12 VDC, 2 A	12 VDC, 2 A	12 VDC, 2 A	12 VDC, 2 A	12 VDC, 2 A
Authentication Methods	Card Face PIN	Card Face Fingerprint PIN	Card Face PIN	Card Face Fingerprint PIN	Card Face PIN Keyfob (with wireless module)	Card Face PIN QR code Keyfob (with wireless module)	Card Face Fingerprint PIN Keyfob (with wireless module)
Capacity	Face: 6,000 Card: 10,000 Event: 150,000	Face: 6,000 Card: 10,000 Fingerprint: 5,000 Event: 150,000	Face: 6,000 Card: 10,000 Event: 150,000	Face: 6,000 Card: 10,000 Fingerprint: 5,000 Event: 150,000	Face: 6,000 Card: 50,000 Keyfob: 5,000 Event: 150,000	Face: 6,000 Card: 50,000 Keyfob: 5,000 Event: 150,000	Face: 6,000 Card: 50,000 Fingerprint: 10,000 Keyfob: 5,000 Event: 150,000
Card Reading Mode	DS-K1T642M: M1 card; DS-K1T642E: EM card	DS-K1T642MF: M1 card DS-K1T642EF: EM card	DS-K1T642MW: M1 card DS-K1T642EW: EM card	DS-K1T642MFW: M1 card DS-K1T642EFW: EM card	M1 card	M1 card	M1 card
Communication Mode	TCP / IP, RS-485, Wiegand, USB	TCP / IP, RS-485, Wiegand, USB	TCP / IP,Wi-Fi RS-485, Wiegand, USB	TCP / IP,Wi-Fi RS-485, Wiegand, USB	TCP / IP, RS-485, Wiegand, USB	TCP / IP,Wi-Fi RS-485, Wiegand, USB	TCP / IP,Wi-Fi RS-485, Wiegand, USB
Camera	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens
Web	PC web	PC web	PC web	PC web	PC web	PC web	PC web
Interface	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Lock × 1, Alarm input × 2, Alarm output × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Lock × 1, Alarm input × 2, Alarm output × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Lock × 1, Alarm input × 2, Alarm output × 1, Lock × 1
Working Temperature	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Video Intercom	Call indoor station & main station & mobile app via touch button	Call indoor station & main station & mobile app via touch button	Call indoor station & main station & mobile app via touch button	Call indoor station & main station & mobile app via touch button	Call indoor station & main station & mobile app via touch button or physical button (requires a separate module)	Call indoor station & main station & mobile app via touch button or physical button	Call indoor station & main station & mobile app via touch button or physical button
Protection Level	-	-	-	-	IP65	IP65	IP65
Dimensions (L × W × H)	118 mm × 118 mm × 20 mm (4.6" × 4.6" × 0.7")	118 mm × 118 mm × 20 mm (4.6" × 4.6" × 0.7")	118 mm × 118 mm × 20 mm (4.6" × 4.6" × 0.7")	118 mm × 118 mm × 20 mm (4.6" × 4.6" × 0.7")	110.5 mm × 209.2 mm × 24 mm (4.35" × 8.24" × 0.94")	110.5 mm × 209.2 mm × 24 mm (4.35" × 8.24" × 0.94")	110.5 mm × 209.2 mm × 24 mm (4.35" × 8.24" × 0.94")

Face Recognition Terminal

Product	 MinMoe	 MinMoe	 MinMoe	 MinMoe	 MinMoe	 MinMoe	 MinMoe
Product Model	DS-K1T670MX-WB DS-K1T670MX-WE	DS-K1T670MWX-WBQR DS-K1T670MWX-WEQR	DS-K1T671M	DS-K1T671MF	DS-K1T671TMW	DS-K1T671TMFW	DS-K1T672M DS-K1T672E DS-K1T672MW
System	Linux	Linux	Linux	Linux	Linux	Linux	Linux
Screen Size	7-inch LCD touch screen	7-inch LCD touch screen	7-inch LCD touch screen	7-inch LCD touch screen	7-inch LCD touch screen	7-inch LCD touch screen	7-inch touch screen with bezel-less design
Power Supply	12 VDC, 2 A	12 VDC, 2 A	12 VDC, 2 A	12 VDC, 2 A	12 VDC, 2 A	12 VDC, 2 A	12 VDC, 2 A
Authentication Methods	Card Face PIN Keyfob	Card Face PIN QR code Keyfob	Card Face PIN	Card Face Fingerprint PIN	Card Face PIN	Card Face Fingerprint PIN	Card Face PIN
Capacity	Face: 6,000 Card: 50,000 Keyfob: 5,000 Event: 150,000	Face: 6,000 Card: 50,000 Keyfob: 5,000 Event: 150,000	Card: 6,000 Face: 6,000 Event: 50,000	Card: 6,000 Face: 6,000 Fingerprint: 5,000 Event: 50,000	Card: 50,000 Face: 50,000 Event: 100,000	Card: 50,000 Face: 50,000 Fingerprint: 5,000 Event: 100,000	Card: 50,000 Face: 50,000 Event: 50,000
Card Reading Mode	M1 card	M1 card	M1 card	M1 card	M1 card	M1 card	DS-K1T672M/DS-K1T672MW: M1 card DS-K1T672E: EM card
Communication Mode	TCP / IP, RS-485, Wiegand, USB	TCP / IP, Wi-Fi RS-485, Wiegand, USB	TCP / IP, RS-485, Wiegand, USB	TCP / IP, RS-485, Wiegand, USB	TCP / IP, Wi-Fi RS-485, Wiegand, USB	TCP / IP, Wi-Fi RS-485, Wiegand, USB	TCP / IP, RS-485, Wiegand, Wi-Fi, DS-K1T672MW, USB
Camera	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens	2 MP dual-lens camera, with IR supplement light, WDR	2 MP dual-lens camera, with IR supplement light, WDR	2 MP dual-lens camera, with IR supplement light, WDR	2 MP dual-lens camera, with IR supplement light, WDR	2 MP wide-angle dual-lens
Web	PC web	PC web	PC web	PC web	PC web	PC web	PC web
Interface	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Alarm input × 2, Alarm output × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Alarm input × 2, Alarm output × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 2, Alarm input × 2, Alarm output × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 2, Alarm input × 2, Alarm output × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 2, Alarm input × 2, Alarm output × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 2, Alarm input × 2, Alarm output × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Alarm input × 2, Alarm output × 1, Lock × 1
Working Temperature	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-10 °C to 50 °C (14 °F to 122 °F)
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Video Intercom	Call indoor station & main station & mobile app via touch button or physical button	Call indoor station & main station & mobile app via touch button or physical button	Call indoor station & main station & mobile app via touch button	Call indoor station & main station & mobile app via touch button	Call indoor station & main station & mobile app via touch button	Call indoor station & main station & mobile app via touch button	Call indoor station & main station & mobile app via touch button
Protection Level	IP65	IP65	IP65	IP65	IP65	IP65	-
Dimensions (L × W × H)	118.2 mm × 297.6 mm × 26.5 mm (4.7" × 11.7" × 1.0")	118.2 mm × 297.6 mm × 26.5 mm (4.7" × 11.7" × 1.0")	239 mm × 116.5 mm × 33 mm (9.41" × 4.59" × 1.30")	290 mm × 116.5 mm × 33 mm (11.41" × 4.59" × 1.30")	239 mm × 116.5 mm × 33 mm (9.41" × 4.59" × 1.30")	290 mm × 116.5 mm × 33 mm (11.41" × 4.59" × 1.30")	185.8 mm × 103.36 mm × 20.7 mm (7.31" × 4.07" × 0.81")

Face Recognition Terminal

Product	 MinMee	 MinMee	 MinMee	 MinMee	 MinMee	 MinMee	 MinMee
Product Model	DS-K1T673DX DS-K1T673DWX	DS-K1T673TDX DS-K1T673TDWX	DS-K1T673TD6X	DS-K1T673TDWX-PRO	DS-K1T673DBWFX	DS-K1T673DBWFX-QR	DS-K1T673TDX-T (Temperature Screening)
System	Linux	Linux	Linux	Linux	Linux	Linux	Linux
Screen Size	7-inch LCD touch screen	7-inch LCD touch screen	7-inch LCD touch screen	7-inch LCD touch screen	7-inch LCD touch screen	7-inch LCD touch screen	7-inch LCD touch screen
Power Supply	12 VDC - 24 VDC, 2 A	12 VDC - 24 VDC, 2 A	12 VDC - 24 VDC, 2 A	12 VDC - 24 VDC, 2 A	12 VDC - 24 VDC, 2 A	12 VDC - 24 VDC, 2 A	12 VDC - 24 VDC, 2 A
Authentication Methods	Card Face Fingerprint (with DS-KAB673-FB/FBQR module) QR code (with DS-KAB673-BQR module) Keyfob (with DS-KAB673-WEQR/ WBQR module) Palm (with DS-KAB673-P module) PIN	Card Face Fingerprint (with DS-KAB673-FB/FBQR module) QR code (with DS-KAB673-BQR module) Keyfob (with DS-KAB673-WEQR/ WBQR module) Palm (with DS-KAB673-P module) PIN	Card Face Fingerprint (with DS-KAB673-FB/FBQR module) QR code (with DS-KAB673-BQR module) Keyfob (with DS-KAB673-WEQR/ WBQR module) Palm (with DS-KAB673-P module) PIN	Card Face Fingerprint (with DS-KAB673-FB/FBQR module) QR code (with DS-KAB673-BQR module) Keyfob (with DS-KAB673-WEQR/ WBQR module) Palm (with DS-KAB673-P module) PIN	Card Face Fingerprint PIN	Card Face Fingerprint QR code PIN	Card Face Fingerprint (with DS-KAB673-FB/FBQR module) QR code (with DS-KAB673-BQR module) Keyfob (with DS-KAB673-WEQR/ WBQR module) Palm (with DS-KAB673-P module) PIN
Capacity	Card: 50,000 Face: 10,000 Fingerprint: 10,000 (with DS- KAB673-FB/FBQR module) Keyfob: 5,000 (with DS-KAB673- WEQR/WBQR module) Palm: 10,000 (with DS-KAB673-P module) Event: 150,000	Card: 500,000 Face: 100,000 Fingerprint: 10,000 (with DS- KAB673-FB/FBQR module) Keyfob: 5,000 (with DS-KAB673- WEQR/WBQR module) Palm: 10,000 (with DS-KAB673-P module) Event: 150,000	Card: 500,000 Face: 100,000 Fingerprint: 10,000 (with DS- KAB673-FB/FBQR module) Keyfob: 5,000 (with DS-KAB673- WEQR/WBQR module) Palm: 10,000 (with DS-KAB673-P module) Event: 150,000	Card: 500,000 Face: 100,000 Fingerprint: 10,000 (with DS- KAB673-FB/FBQR module) Keyfob: 5,000 (with DS-KAB673- WEQR/WBQR module) Palm: 10,000 (with DS-KAB673-P module) Event: 150,000	Card: 50,000 Face: 10,000 Fingerprint: 10,000 Event: 150,000	Card: 50,000 Face: 10,000 Fingerprint: 10,000 Event: 150,000	Card: 500,000 Face: 100,000 Fingerprint: 10,000 (with DS- KAB673-FB/FBQR module) Keyfob: 5,000 (with DS-KAB673- WEQR/WBQR module) Palm: 10,000 (with DS-KAB673-P module) Event: 150,000
Card Reading Mode	DESfire card; Felica card; M1 card EM(with DS-KAB673EDM module)	DESfire card; Felica card; M1 card EM(with DS-KAB673EDM module)	DESfire card; Felica card; M1 card EM(with DS-KAB673EDM module)	DESfire card; Felica card; M1 card EM(with DS-KAB673EDM module)	DESfire card; Felica card; M1 card	DESfire card; Felica card; M1 card	DESfire card; Felica card; M1 card EM(with DS-KAB673EDM module)
Communication Mode	TCP / IP,Wi-Fi(DS-K1T673DWX) RS-485, OSDP, Wiegand, USB	TCP / IP,Wi-Fi(DS-K1T673TDWX) RS-485, OSDP, Wiegand, USB	TCP / IP,3/4G RS-485, OSDP, Wiegand, USB	TCP / IP,Wi-Fi RS-485, OSDP, Wiegand, USB	TCP / IP,Wi-Fi RS-485, OSDP, Wiegand, USB	TCP / IP,Wi-Fi RS-485, OSDP, Wiegand, USB	TCP / IP RS-485, OSDP, Wiegand, USB
Camera	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens	2 MP wide-angle dual-lens
Web	PC web	PC web	PC web	PC web	PC web	PC web	PC web
Interface	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Alarm input × 2, Alarm output × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Alarm input × 2, Alarm output × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Alarm input × 2, Alarm output × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Alarm input × 2, Alarm output × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Alarm input × 2, Alarm output × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Alarm input × 2, Alarm output × 1, Lock × 1	Door Sensor × 1, Tamper × 1, Exit Button × 1, USB × 1, Alarm input × 2, Alarm output × 1, Lock × 1
Working Temperature	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)
Working Humidity	0 to 90% (Non-Condensing)	0 to 90% (Non-Condensing)	0 to 90% (Non-Condensing)	0 to 90% (Non-Condensing)	0 to 90% (Non-Condensing)	0 to 90% (Non-Condensing)	0 to 90% (Non-Condensing)
Video Intercom	Call indoor station & main station & mobile app via touch button or physical button	Call indoor station & main station & mobile app via touch button or physical button	Call indoor station & main station & mobile app via touch button	Call indoor station & main station & mobile app via touch button	Call indoor station & main station & mobile app via touch button	Call indoor station & main station & mobile app via touch button	Call indoor station & main station & mobile app via touch button
Protection Level	IP65	IP65	IP65	IP68, IK07	IP65	IP65	-
Dimensions (L × W × H)	110.5 mm × 209.2 mm × 24 mm (4.35" × 8.24" × 0.94")	110.5 mm × 209.2 mm × 24 mm (4.35" × 8.24" × 0.94")	110.5 mm × 209.2 mm × 24 mm (4.35" × 8.24" × 0.94")	110.5 mm × 209.2 mm × 24 mm (4.35" × 8.24" × 0.94")	110.5 mm × 249.2 mm × 24 mm (4.35" × 9.8" × 0.94")	110.5 mm × 249.2 mm × 24 mm (4.35" × 9.8" × 0.94")	110.5 mm × 247.7 mm × 24 mm (4.35" × 9.75" × 0.94")

Face Recognition Terminal

Product	 MinMoe	 MinMoe	 MinMoe	 MinMoe	 MinMoe	 MinMoe	 MinMoe
Product Model	DS-K1T680D-E1 DS-K1T680DF-E1	DS-K1T680DW DS-K1T680DFW	DS-K1T680DG DS-K1T680DFG	DS-K1T680DG1 DS-K1T680DFG1	DS-K1T681DBX DS-K1T681DBWX	DS-K1T690MW DS-K1T690M-E1 DS-K1T690MF-X	DS-K1T981M DS-K1T981MF
System	Linux	Linux	Linux	Linux	Android 11	Android 7.1	Linux
Screen Size	8-inch LCD Touch Screen	8-inch LCD Touch Screen	8-inch LCD Touch Screen	8-inch LCD Touch Screen	8-inch LCD Touch Screen	15.6-inch LCD touch screen	8-inch LCD touch screen
Power Supply	12 to 24 VDC, 3 A, Standard PoE	12 to 24 VDC, 3 A	12 to 24 VDC, 3 A	12 to 24 VDC, 3 A	12 VDC, 3 A/24 VDC, 1.5 A	12 VDC, 24 VDC Power Adapter, Standard PoE (DS-K1T690M-E1 only)	12 VDC, 3 A
Authentication Methods	Card Face Fingerprint (DS-K1T680DF-E1 support) PIN	Card Face Fingerprint (DS-K1T680DFW support) PIN	Card Face Fingerprint (DS-K1T680DFG support) PIN	Card Face Fingerprint (DS-K1T680DFG1 support) PIN	Card Face PIN	Card Face Fingerprint (DS-K1T690MF-X support) PIN	Iris Card Face Fingerprint (DS-K1T981MF support) PIN
Capacity	Card: 100,000 Face: 100,000 Fingerprint: 10,000 Event: 150,000	Card: 100,000 Face: 100,000 Fingerprint: 10,000 Event: 150,000	Card: 100,000 Face: 100,000 Fingerprint: 10,000 Event: 150,000	Card: 100,000 Face: 100,000 Fingerprint: 10,000 Event: 150,000	Card: 500,000 Face: 100,000 Fingerprint: 10,000 (with DS-KAB681-F module) Event: 500,000	Card: 150,000 Face: 100,000 Fingerprint: 10,000 Event: 150,000	Iris: 10,000 Card: 100,000 Face: 100,000 Event: 150,000
Card Reading Mode	DESfire card; Felica card; M1 card	DESfire card; Felica card; M1 card	DESfire card; Felica card; M1 card	DESfire card; Felica card; M1 card	DESfire card; Felica card; M1 card	M1 card	M1 card
Communication Mode	TCP / IP RS-485, Wiegand, USB	TCP / IP,Wi-Fi RS-485, Wiegand, USB	TCP / IP,3G/4G(check datasheet for details) RS-485, Wiegand, USB	TCP / IP,Wi-Fi,3G/4G(check datasheet for details) RS-485, Wiegand, USB	TCP/IP, Wi-Fi (DS-K1T681DBWX only) Wiegand, RS-485, USB	TCP/IP, Wi-Fi (DS-K1T690MW only) Wiegand, RS-485, USB	TCP / IP,Wi-Fi RS-485, Wiegand, USB
Camera	2 MP dual-lens camera, with IR supplement light, WDR	2 MP dual-lens camera, with IR supplement light, WDR	2 MP dual-lens camera, with IR supplement light, WDR	2 MP dual-lens camera, with IR supplement light, WDR	2 MP dual-lens camera, with IR supplement light, WDR	2 MP dual-lens camera, with IR supplement light, WDR	5 MP camera for iris recognition, 2 MP dual-lens camera, with IR supplement light, WDR
Web	PC web	PC web	PC web	PC web	PC web	PC web	PC web
Interface	Network × 1, RS-485 × 1, Wiegand × 1, USB × 1, IO input × 2, door contact × 1, exit button × 1, tamper × 1	Network × 1, RS-485 × 1, Wiegand × 1, USB × 1, IO input × 2, door contact × 1, exit button × 1, tamper × 1	Network × 1, RS-485 × 1, Wiegand × 1, USB × 1, IO input × 2, door contact × 1, exit button × 1, tamper × 1	Network × 1, RS-485 × 1, Wiegand × 1, USB × 1, IO input × 2, door contact × 1, exit button × 1, tamper × 1	Network × 1, RS-485 × 1, Wiegand × 1, USB × 1, IO input × 2, door contact × 1, exit button × 1, tamper × 1	Network × 2, RS-485 × 1, Wiegand × 1, USB × 1, IO input × 2, door contact × 1, exit button ×1, tamper × 1	Network × 1, RS-485 × 1, Wiegand × 1, USB × 1, IO input × 2, door contact × 1, exit button ×1, tamper × 1
Working Temperature	--30 °C to 60 °C (-22 °F to 140 °F)	--30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Video Intercom	Call indoor station & main station & mobile app via touch button	Call indoor station & main station & mobile app via touch button	Call indoor station & main station & mobile app via touch button	Call indoor station & main station & mobile app via touch button	Call indoor station & main station & mobile app via touch button	Call indoor station & main station & mobile app via touch button	Call indoor station & main station & mobile app via touch button
Protection Level	IP65	IP65	IP65	IP65	IP65	IP65	IP65 (It is recommended using the device indoors for iris recognition)
Dimensions (L × W × H)	127.3 mm × 232.1 mm × 23.5 mm (5.0" × 9.1" × 0.9")	127.3 mm × 232.1 mm × 23.5 mm (5.0" × 9.1" × 0.9")	127.3 mm × 232.1 mm × 23.5 mm (5.0" × 9.1" × 0.9")	127.3 mm × 232.1 mm × 23.5 mm (5.0" × 9.1" × 0.9")	129.1 mm × 232.5 mm × 26.5 mm (5.1" × 9.1" × 1.0")	432 mm × 251 mm × 35 mm (17.0" × 9.9" × 1.4")	126 mm × 232 mm × 27 mm (5.0" × 9.1" × 1.1")

Face Recognition Terminal

Product	 MinMee	 MinMee	 MinMee
Product Model	DS-K5671-ZV	DS-K5671-ZH	DS-K5671-ZU
System	Linux	Linux	Linux
Screen Size	7-inch LCD Touch Screen	7-inch LCD Touch Screen	7-inch LCD Touch Screen
Power Supply	12 VDC, 2 A	12 VDC, 2 A	12 VDC, 2 A
Authentication Methods	Face	Face	Face
Capacity	Face: 50,000 Event: 100,000	Face: 50,000 Event: 100,000	Face: 50,000 Event: 100,000
Communication Mode	TCP / IP,Wi-Fi RS-485, Wiegand, USB	TCP / IP,Wi-Fi RS-485, Wiegand, USB	TCP / IP,Wi-Fi RS-485, Wiegand, USB
Camera	2 MP dual-lens camera, with IR supplement light, WDR	2 MP dual-lens camera, with IR supplement light, WDR	2 MP dual-lens camera, with IR supplement light, WDR
Web	PC web	PC web	PC web
Interface	Door Sensor × 1, IO input × 2, USB × 1	Door Sensor × 1, IO input × 2, USB × 1	Door Sensor × 1, IO input × 2, USB × 1
Working Temperature	-30 °C to 60 °C (-22 °F to +140 °F)	-30 °C to 60 °C (-22 °F to +140 °F)	-30 °C to 60 °C (-22 °F to +140 °F)
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Video Intercom	call indoor station & main station & mobile app via touch button	call indoor station & main station & mobile app via touch button	call indoor station & main station & mobile app via touch button
Protection Level	IP65	-	IP65
Dimensions (L × W × H)	428.71 mm × 126.6 mm × 100 mm (16.88" × 4.98" × 3.94")	236.96 mm × 126.6 mm × 86.54 mm (9.33" × 4.98" × 3.41")	325.19 mm × 126.6 mm × 60.79 mm (12.8" × 4.98" × 2.4")

Module						
Product						
Product Model	DS-KAB670-WE DS-KAB670-WB	DS-KAB673-B	DS-KAB673-FB	DS-KAB673-BQR	DS-KAB673-FBQR	DS-KAB673-WEQR DS-KAB673-WBQR
Features	Wireless remote control & call button module for DS-K1T670 MinMoe series, Supports controlling door by keyfob WE: 868 MHz WB: 433MHz	Bluetooth module for DS-K1T673 MinMoe series	Fingerprint & Bluetooth module for DS-K1T673 MinMoe series	Bluetooth & QR Code module for DS-K1T673 MinMoe series	Fingerprint & Bluetooth & QR Code module for DS-K1T673 MinMoe series	Wireless remote control & call button & QR Code module for DS-K1T673 MinMoe series, Supports controlling door by keyfob WE: 868 MHz WB: 433MHz
Suitable Device Model	DS-K1T670 series	DS-K1T673/DS-K1T673T series MinMoe terminal	DS-K1T673/DS-K1T673T series MinMoe terminal	DS-K1T673/DS-K1T673T series MinMoe terminal	DS-K1T673/DS-K1T673T series MinMoe terminal	DS-K1T673/DS-K1T673T series MinMoe terminal
Dimensions (L × W × H)	118.2 mm × 26 mm × 64 mm [4.65" × 1.02" × 2.52"]	110.5 mm × 23.7 mm × 47.7 mm [4.35" × 0.93" × 1.88"]	110.5 mm × 23.7 mm × 47.7 mm [4.35" × 0.93" × 1.88"]	110.5 mm × 23.7 mm × 47.7 mm [4.35" × 0.93" × 1.88"]	110.5 mm × 23.7 mm × 47.7 mm [4.35" × 0.93" × 1.88"]	110.5 mm × 23.7 mm × 48.1 mm [4.35" × 0.93" × 1.89"]

Module						Keyfob
Product						
Product Model	DS-KAB673-EDB	DS-KAB673-P	DS-KAB681-QR	DS-KAB681-F	DS-KAB681-QRF	DS-PC2002-WECKV DS-PC2002-WBCKV
Features	Dual-frequency module for DS-K1T673 MinMoe series, which can support EM card, M1 card, DESfire card, Bluetooth	Palm prints & palm veins recognition module for DS-K1T673 MinMoe series	extended module, support hot swap, supports QR Code function	extended module, support hot swap, supports fingerprint function	extended module, support hot swap, supports fingerprint, QR Code function	WE: 868 MHz WB: 433MHz
Suitable Device Model	DS-K1T673/DS-K1T673T series MinMoe terminal	DS-K1T673/DS-K1T673T series MinMoe terminal	DS-K1T681 series MinMoe terminal	DS-K1T681 series MinMoe terminal	DS-K1T681 series MinMoe terminal	DS-K1T673/DS-K1T673T/670 series MinMoe terminal
Dimensions (L × W × H)	110.5 mm × 40 mm × 23.78 mm [4.4" × 1.6" × 0.9"]	110.5 mm × 72.05 mm × 43.38 mm [4.35" × 2.84" × 1.71"]	129.1 mm × 26.5 mm × 71.9 mm [5.08" × 1.04" × 2.83"]	129.1 mm × 26.5 mm × 71.9 mm [5.08" × 1.04" × 2.83"]	129.1 mm × 26.5 mm × 71.9 mm [5.08" × 1.04" × 2.83"]	35 mm × 64 mm × 11.2 mm

Access Controller							
Product	 	 	 	 	 	 	 
Product Model	DS-K2701X(P)	DS-K2702X(P)	DS-K2704X(P)	DS-K2702WX-E1(P)	DS-K2701X	DS-K2702X	DS-K2704X
Door	Controls 1 door. Can be extended to up to 62 DS-K2M002X access modules, and control up to 125 doors	Controls 2 doors. Can be extended to up to 62 DS-K2M002X access modules, and control up to 126 doors	Controls 4 doors. Can be extended to up to 62 DS-K2M002X access modules, and control up to 128 doors	Controls 2 doors. Can be extended to up to 62 DS-K2M002X access modules, and control up to 126 doors	Controls 1 door. Can be extended to up to 62 DS-K2M002X access modules, and control up to 125 doors	Controls 2 doors. Can be extended to up to 62 DS-K2M002X access modules, and control up to 126 doors	Controls 4 doors. Can be extended to up to 62 DS-K2M002X access modules, and control up to 128 doors
Power Supply	12 ± 15% VDC	12 ± 15% VDC	12 ± 15% VDC	12 ± 15% VDC, standard PoE	100 VAC to 240 VAC	100 VAC to 240 VAC	100 VAC to 240 VAC
Capacity	User capacity 100,000 Fingerprint capacity 10,000 Card capacity 200,000 Event capacity 600,000	User capacity 100,000 Fingerprint capacity 10,000 Card capacity 200,000 Event capacity 600,000	User capacity 100,000 Fingerprint capacity 10,000 Card capacity 200,000 Event capacity 600,000	User capacity 100,000 Fingerprint capacity 10,000 Card capacity 200,000 Event capacity 600,000	User capacity 100,000 Fingerprint capacity 10,000 Card capacity 200,000 Event capacity 600,000	User capacity 100,000 Fingerprint capacity 10,000 Card capacity 200,000 Event capacity 600,000	User capacity 100,000 Fingerprint capacity 10,000 Card capacity 200,000 Event capacity 600,000
Web	PC & Mobile web	PC & Mobile web	PC & Mobile web	PC & Mobile web	PC & Mobile web	PC & Mobile web	PC & Mobile web
Uplink Communication Interface	TCP/IP	TCP/IP	TCP/IP	TCP/IP, Wi-Fi	TCP/IP	TCP/IP	TCP/IP
Downlink Communication Interface	RS-485, OSDP, Wiegand	RS-485, OSDP, Wiegand	RS-485, OSDP, Wiegand	RS-485, OSDP, Wiegand	RS-485, OSDP, Wiegand	RS-485, OSDP, Wiegand	RS-485, OSDP, Wiegand
LED Indicator	9 indicators, 1 for indicating power status, 1 for running status, 1 for wired network status, 5 for RS-485 status, and 1 for door status	10 indicators, 1 for indicating power status, 1 for running status, 1 for wired network status, 5 for RS-485 status, and 2 for door status	12 indicators, 1 for indicating power status, 1 for running status, 1 for wired network status, 5 for RS-485 status, and 4 for door status	11 indicators, 1 for indicating power status, 1 for running status, 1 for wired network status, 1 for Wi-Fi status, 5 for RS-485 status, and 2 for door status	9 indicators, 1 for indicating power status, 1 for running status, 1 for wired network status, 5 for RS-485 status, and 1 for door status	10 indicators, 1 for indicating power status, 1 for running status, 1 for wired network status, 5 for RS-485 status, and 2 for door status	12 indicators, 1 for indicating power status, 1 for running status, 1 for wired network status, 5 for RS-485 status, and 4 for door status
Accessible Card Reader	2 RS-485 card readers (OSDP protocol) and 2 Wiegand card readers	4 RS-485 card readers (OSDP protocol) and 4 Wiegand card readers	8 RS-485 card readers (OSDP protocol) and 4 Wiegand card readers	4 RS-485 card readers (OSDP protocol) and 4 Wiegand card readers	2 RS-485 card readers (OSDP protocol) and 2 Wiegand card readers	4 RS-485 card readers (OSDP protocol) and 4 Wiegand card readers	8 RS-485 card readers (OSDP protocol) and 4 Wiegand card readers
Interface	Network interface × 1 Lock control × 1 Exit button × 1 Door contact input × 1 Alarm input × 2 Alarm output × 2 TAMPER × 1 RS-485 × 7: 2 for card reader, 5 for access modules (4 for communication, each interface can connect up to 16 access modules; 1 for redundancy) Wiegand 2: standard 26/34 input, supports custom Wiegand settings USB × 1, USB 2.0 Fire interface × 1	Network interface × 1 Lock control × 2 Exit button × 2 Door contact input × 2 Alarm input × 4 Alarm output × 4 TAMPER × 1 RS-485 × 7: 2 for card reader, 5 for access modules (4 for communication, each interface can connect up to 16 access modules; 1 for redundancy) Wiegand × 4: standard 26/34 input, supports custom Wiegand settings USB × 1, USB 2.0 Fire interface × 1	Network interface × 1 Lock control × 4 Exit button × 4 Door contact input × 4 Alarm input × 8 Alarm output × 4 TAMPER × 1 RS-485 × 7: 2 for card reader, 5 for access modules (4 for communication, each interface can connect up to 16 access modules; 1 for redundancy) Wiegand × 4: standard 26/34 input, supports custom Wiegand settings USB × 1, USB 2.0 Fire interface × 1	Network interface × 1 Lock control × 2 Exit button × 2 Door contact input × 2 Alarm input × 4 Alarm output × 4 TAMPER × 1 RS-485 × 7: 2 for card reader, 5 for access modules (4 for communication, each interface can connect up to 16 access modules; 1 for redundancy) Wiegand × 4: standard 26/34 input, supports custom Wiegand settings USB × 1, USB 2.0 PoE 1. Supports 802.3at Fire interface × 1	Network interface × 1 Lock control × 1 Exit button × 1 Door contact input × 1 Alarm input × 2 Alarm output × 2 TAMPER × 1 RS-485 × 7: 2 for card reader, 5 for access modules (4 for communication, each interface can connect up to 16 access modules; 1 for redundancy) Wiegand × 2: standard 26/34 input, supports custom Wiegand settings USB × 1, USB 2.0 Fire interface × 1	Network interface × 1 Lock control × 2 Exit button × 2 Door contact input × 2 Alarm input × 4 Alarm output × 4 TAMPER × 1 RS-485 × 7: 2 for card reader, 5 for access modules (4 for communication, each interface can connect up to 16 access modules; 1 for redundancy) Wiegand × 4: standard 26/34 input, supports custom Wiegand settings USB × 1, USB 2.0 Fire interface × 1	Network interface × 1 Lock control × 4 Exit button × 4 Door contact input × 4 Alarm input 8 Alarm output × 4 TAMPER × 1 RS-485 × 7: 2 for card reader, 5 for access modules (4 for communication, each interface can connect up to 16 access modules; 1 for redundancy) Wiegand × 4: standard 26/34 input, supports custom Wiegand settings USB × 1, USB 2.0 Fire interface × 1
Max. IO Module (DS-K2M0012X)	26	26	26	26	26	26	26
Operating Temperature	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Dimensions (L × W × H)	221.6 mm × 149.8 mm × 50.5 mm	221.6 mm × 149.8 mm × 50.5 mm	221.6 mm × 149.8 mm × 50.5 mm	221.6 mm × 149.8 mm × 50.5 mm	360 mm × 345 mm × 88.3 mm	360 mm × 345 mm × 88.3 mm	360 mm × 345 mm × 88.3 mm

Access Controller

Product	 HOT 2.0 ACCESS CONTROL	 HOT 2.0 ACCESS CONTROL	 HOT 2.0 ACCESS CONTROL	 HOT 2.0 ACCESS CONTROL	 HOT 2.0 ACCESS CONTROL	 HOT 2.0 ACCESS CONTROL
Product Model	DS-K2702WX-E1	DS-K2708X	DS-K2M002X	DS-K2621X	DS-K2622X	DS-K2624X
Door	Controls 2 doors. Can be extended to up to 62 DS-K2M002X access modules, and control up to 126 doors.	Supports 8-door control. It is formed by 2 DS-K2M002X access modules, and one 4-door access controller	Controls 2 doors. It can connect with access controller via RS-485	1 door control	2 doors control	4 doors control
Power Supply	100 VAC to 240 VAC, standard PoE	100 VAC to 240 VAC	12 ± 15% VDC	100 VAC to 240 VAC	100 VAC to 240 VAC	100 VAC to 240 VAC
Capacity	User capacity 100,000 Fingerprint capacity 10,000 Card capacity 200,000 Event capacity 600,000	User capacity 100,000 Fingerprint capacity 10,000 Card capacity 200,000 Event capacity 600,000	-	User capacity 100,000 Fingerprint capacity 10,000 Card capacity 100,000 Event capacity 300,000	User capacity 100,000 Fingerprint capacity 10,000 Card capacity 100,000 Event capacity 300,000	User capacity 100,000 Fingerprint capacity 10,000 Card capacity 100,000 Event capacity 300,000
Web	PC & Mobile web	PC & Mobile web	-	PC web	PC web	PC web
Uplink Communication Interface	TCP/IP, Wi-Fi	TCP/IP	-	TCP/IP	TCP/IP	TCP/IP
Downlink Communication Interface	RS-485, OSDP, Wiegand	RS-485, OSDP, Wiegand	-	RS-485, OSDP, Wiegand	RS-485, OSDP, Wiegand	RS-485, OSDP, Wiegand
LED Indicator	11 indicators, 1 for indicating power status, 1 for running status, 1 for wired network status, 1 for Wi-Fi status, 5 for RS-485 status, and 2 for door status	DS-K2704(X)P: 12 indicators, 1 for indicating power status, 1 for running status, 1 for wired network status, 5 for RS-485 status, and 4 for door status DS-K2M002X: 6 indicators, 1 for indicating power status, 1 for running status, 2 for RS-485 status, and 2 for door status	6 indicators, 1 for indicating power status, 1 for running status, 2 for communication status, and 2 for door status	It has status indicators such as power supply, communication and operation, which is convenient for equipment health monitoring	It has status indicators such as power supply, communication and operation, which is convenient for equipment health monitoring	It has status indicators such as power supply, communication and operation, which is convenient for equipment health monitoring
Accessible Card Reader	4 RS-485 card readers (OSDP protocol) and 4 Wiegand card readers	16 RS-485 card readers (OSDP protocol) and 8 Wiegand card readers; 8 RS-485 card readers on the access controller and 8 on access modules (4 for each); 4 Wiegand card readers on the access controller and 2 on access modules	4 RS-485 card readers (OSDP protocol) and 2 Wiegand card readers	2 RS-485 card readers (OSDP protocol) and 2 Wiegand card readers	4 RS-485 card readers (OSDP protocol) and 4 Wiegand card readers	8 RS-485 card readers (OSDP protocol) and 4 Wiegand card readers
Interface	Network interface × 1 Lock control × 2 Exit button × 2 Door contact input × 2 Alarm input × 4 Alarm output × 4 TAMPER × 1 RS-485 × 7: 2 for card reader, 5 for access modules (4 for communication, each interface can connect up to 16 access modules; 1 for redundancy) Wiegand × 4: standard 26/34 input, supports custom Wiegand settings USB × 1, USB 2.0 PoE 1. Supports 802.3at Fire interface × 1	Network interface × 1 Lock control × 8 Exit button × 8, Door contact input × 8, Alarm input × 16, Alarm output × 8, TAMPER × 1 RS-485 × 15, including 7 on access controller and 8 on access modules 7 on access controller: 2 for card reader, 5 for access modules (4 for communication, each interface can connect up to 16 access modules; 1 for redundancy) 8 on access modules: 4 for card reader, 4 for access controller Wiegand × 8, including 4 on access controller and 4 on access modules USB × 1, USB 2.0 Fire interface × 1	Lock control × 2 Exit button × 2 Door contact input × 2 Alarm input × 4 Alarm output × 2 TAMPER × 1 RS-485 × 4, 2 for card reader, 2 for access controller Wiegand × 2, standard 26/34 input, supports custom Wiegand settings	Network interface × 1 Lock control × 1 Exit button × 1 Door contact input × 1 Alarm input × 2 Alarm output × 2 TAMPER × 1 RS-485 × 2 for card reader (1 for communication, 1 for redundancy; each interface can connect up to 2 readers) Wiegand × 2, standard 26/34 input, supports custom Wiegand settings Fire interface 1	Network interface × 1 Lock control × 2 Exit button × 2 Door contact input × 2 Alarm input × 4 Alarm output × 4 TAMPER × 1 RS-485 × 2 for card reader (1 for communication, 1 for redundancy; each interface can connect up to 4 readers) Wiegand × 4, standard 26/34 input, supports custom Wiegand settings Fire interface × 1	Network interface × 1 Lock control × 4 Exit button × 4 Door contact input × 4 Alarm input × 8 Alarm output × 4 TAMPER × 1 RS-485 × 2 for card reader (1 for communication, 1 for redundancy; each interface can connect up to 8 readers) Wiegand × 4, standard 26/34 input, supports custom Wiegand settings Fire interface × 1
Max. IO Module (DS-K2M0012X)	26	26	-	16	16	16
Operating Temperature	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Dimensions (L × W × H)	360 mm × 345 mm × 88.3 mm	417.5 mm × 487.2 mm × 98.3 mm	124 mm × 103.9 mm × 43 mm	345 mm × 360 mm × 88.3 mm	345 mm × 360 mm × 88.3 mm	345 mm × 360 mm × 88.3 mm

Access Controller			
Product	 HOT 2.7 ACCESS CONTROL	 HOT 2.7 ACCESS CONTROL	 HOT 2.7 ACCESS CONTROL
Product Model	DS-K2621X(P)	DS-K2622X(P)	DS-K2624X(P)
Door	1 door control	2 doors control	4 doors control
Power Supply	12 ± 15% VDC	12 ± 15% VDC	12 ± 15% VDC
Capacity	User capacity 100,000 Fingerprint capacity 10,000 Card capacity 100,000 Event capacity 300,000	User capacity 100,000 Fingerprint capacity 10,000 Card capacity 100,000 Event capacity 300,000	User capacity 100,000 Fingerprint capacity 10,000 Card capacity 100,000 Event capacity 300,000
Web	PC web	PC web	PC web
Uplink Communication Interface	TCP/IP	TCP/IP	TCP/IP
Downlink Communication Interface	RS-485, OSDP, Wiegand	RS-485, OSDP, Wiegand	RS-485, OSDP, Wiegand
LED Indicator	It has status indicators such as power supply, communication and operation, which is convenient for equipment health monitoring.	It has status indicators such as power supply, communication and operation, which is convenient for equipment health monitoring.	It has status indicators such as power supply, communication and operation, which is convenient for equipment health monitoring.
Accessible Card Reader	2 RS-485 card readers (OSDP protocol) and 2 Wiegand card readers	4 RS-485 card readers (OSDP protocol) and 4 Wiegand card readers	8 RS-485 card readers (OSDP protocol) and 4 Wiegand card readers
Interface	Network interface × 1 Lock control × 1 Exit button × 1 Door contact input × 1 Alarm input × 2 Alarm output × 2 TAMPER × 1 RS-485 × 2 for card reader (1 for communication, 1 for redundancy; each interface can connect up to 2 readers) Wiegand × 2, standard 26/34 input, supports custom Wiegand settings Fire interface 1	Network interface × 1 Lock control × 2 Exit button × 2 Door contact input × 2 Alarm input × 4 Alarm output × 4 TAMPER × 1 RS-485 × 2 for card reader (1 for communication, 1 for redundancy; each interface can connect up to 4 readers) Wiegand × 4, standard 26/34 input, supports custom Wiegand settings Fire interface × 1	Network interface × 1 Lock control × 4 Exit button × 4 Door contact input × 4 Alarm input × 8 Alarm output × 4 TAMPER × 1 RS-485 × 2 for card reader (1 for communication, 1 for redundancy; each interface can connect up to 8 readers) Wiegand × 4, standard 26/34 input, supports custom Wiegand settings Fire interface × 1
Max. IO Module (DS-K2M0012X)	16	16	16
Operating Temperature	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Dimensions (L × W × H)	160 mm × 205 mm × 25.3 mm	160 mm × 205 mm × 25.3 mm	160 mm × 205 mm × 25.3 mm

Access Controller

Product					
Product Model	DS-K2801/02/04	DS-K2811/12/14	DS-K2601T/02T/04T	DS-K2601/02/04T (main board)	DS-K2601/02/04-G
Working Voltage	12 VDC	12 VDC	12 VDC	12 VDC	12 VDC
Input Voltage	100-240 VAC	100-240 VAC	100-240 VAC	12 VDC	100-240 VAC
Uplink Communication Interface	TCP / IP	TCP / IP	TCP / IP	TCP / IP	TCP / IP
Downlink Communication Interface	Wiegand	RS485 & Wiegand	RS485 & Wiegand / OSDP	RS485 & Wiegand / OSDP	RS485 & Wiegand / OSDP
Storage	Card: 10,000 Event: 50,000	Card: 10,000 Event: 50,000	Card: 100,000 Event: 300,000	Card: 100,000 Event: 300,000	Card: 100,000 Event: 300,000
LED Indicator	-	-	Power Supply Status, Communication Status, Working Status	Power Supply Status, Communication Status, Working Status	Power Supply Status
Built-in Clock	√	√	√	√	√
Accessible Card Reader	Wiegand Reader: 2/4/4	Wiegand Reader: 2/4/4	RS485 Reader: 2/4/8 Wiegand Reader: 2/4/4	RS485 Reader: 2/4/8 Wiegand Reader: 2/4/4	RS485 Reader: 2/4/8 Wiegand Reader: 2/4/4
Input Interface	Case Input: 1/2/4 Door Sensor: 1/2/4 Exit Button: 1/2/4	Case Input: 4/4/2 Door Sensor: 1/2/4 Exit Button: 1/2/4	Alarm Input: 4/4/4 Case Input: 2/4/8 Door Sensor: 1/2/4 Exit Button: 1/2/4	Alarm Input: 4/4/4 Case Input: 2/4/8 Door Sensor: 1/2/4 Exit Button: 1/2/4	Alarm Input: 4/4/4 Case Input: 2/4/8 Door Sensor: 1/2/4 Exit Button: 1/2/4
Output Interface	Lock Relay: 1/2/4 Alarm Output: 1/2/4	Lock Relay: 1/2/4 Alarm Output: 4/4/4	Lock Relay: 1/2/4 Alarm Output: 2/4/4	Lock Relay: 1/2/4 Alarm Output: 2/4/4	Lock Relay: 1/2/4 Alarm Output: 2/4/4
Operating Temperature	-20 °C to 65 °C [-4 °F to 149 °F]	-20 °C to 65 °C [-4 °F to 149 °F]	-20 °C to 65 °C [-4 °F to 149 °F]	-20 °C to 65 °C [-4 °F to 149 °F]	-20 °C to 65 °C [-4 °F to 149 °F]
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Dimensions (L × W × H)	285 mm × 237 mm × 69 mm [11.22" × 9.33" × 2.72"]	370 mm × 345 mm × 90 mm [14.6" × 13.6" × 3.5"]	370 mm × 345 mm × 90 mm [14.6" × 13.6" × 3.5"]	370 mm × 345 mm × 90 mm [14.6" × 13.6" × 3.5"]	474.3 mm × 398 mm × 99.7 mm [18.68" × 15.67" × 3.93"]

Access Control Terminal

Product	 	 	 	 	 	 
Product Model	DS-K1T809EX DS-K1T809MX	DS-K1T809EWX DS-K1T809MWX	DS-K1T808EFX DS-K1T808MFX	DS-K1T808EFWX DS-K1T808MFWX	DS-K1T808EFWX-B DS-K1T808MFWX-B (Backup Battery)	DS-K1T8005EFX DS-K1T8005MFX
Power Supply	12 VDC, 1 A	12 VDC, 1 A	12 VDC	12 VDC	12 VDC Supports powered by battery in the bracket	12 VDC
Authentication Methods	Card PIN	Card PIN	Card Fingerprint PIN	Card Fingerprint PIN	Card Fingerprint PIN	Card Fingerprint PIN
Storage	User capacity 1,000 Card capacity 1,000	User capacity 1,000 Card capacity 5,000	Fingerprint capacity 3,000 Card capacity 3,000 Event capacity 100,000	Fingerprint capacity 3,000 Card capacity 3,000 Event capacity 100,000	Fingerprint capacity 3,000 Card capacity 3,000 Event capacity 100,000	Fingerprint capacity 3,000 Card capacity 3,000 Event capacity 100,000
Card Reading Mode	DS-K1T809EX-EM card DS-K1T809MX- M1 card	DS-K1T809EWX-EM card DS-K1T809MWX- M1 card	DS-K1T808EFX-EM card DS-K1T808MFX- M1 card	DS-K1T808EFWX-EM card DS-K1T808MFWX- M1 card	DS-K1T808EFWX-B: EM card DS-K1T808MFWX-B: M1 card	DS-K1T8005EFX-EM card DS-K1T8005MFX- M1 card
Communication Mode	Wiegand	Wi-Fi, Wiegand	TCP / IP, RS-485, Wiegand, USB	TCP / IP, Wi-Fi, RS-485, Wiegand, USB	TCP / IP, Wi-Fi, RS-485, Wiegand, USB	TCP / IP, RS-485, Wiegand, USB
LCD Screen	-	-	2.4-inch non-touch LCD screen	2.4-inch non-touch LCD screen	2.4-inch non-touch LCD screen	2.4-inch non-touch LCD screen
Interface	Lock control × 1 Exit button × 1 Door contact input × 1 Alarm output × 1 Wiegand out, supports Wiegand 26/34	Lock control × 1 Exit button × 1 Door contact input × 1 Wiegand out, supports Wiegand 26/34	Network interface × 1 RJ-45, 10/100 M self-adaptive Lock control × 1 Exit button × 1 Door contact input × 1 TAMPER × 1 RS-485 (Half duplex, HIKVISION) Wiegand(Hik 26 bit, Hik 34 bit) USB × 1	Network interface × 1 RJ-45, 10/100 M self-adaptive Lock control 1 Exit button 1 Door contact input 1 TAMPER 1 RS-485 (Half duplex, HIKVISION) Wiegand(Hik 26bit, Hik 34bit) USB × 1	Network interface × 1 RJ-45, 10/100 M self-adaptive Lock control 1 Exit button 1 Door contact input 1 TAMPER 1 RS-485 (Half duplex, HIKVISION) Wiegand (W26, W34) USB × 1	Network interface × 1 RJ-45, 10/100 M self-adaptive Lock control × 1 Exit button × 1 Door contact input × 1 TAMPER × 1 USB × 1
LED Indicator	Power / Status	Power / Status	Power / Status	Power / Status	Power / Status	Power / Status
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Protection Level	IP65	IP65	-	-	-	-
Dimensions (L × W × H)	151 mm × 48 mm × 21.5 mm (5.9" × 1.9" × 0.8")	151 mm × 48 mm × 21.5 mm (5.9" × 1.9" × 0.8")	210 mm × 77 mm × 26.4 mm	210 mm × 77 mm × 26.4 mm	210 mm × 77 mm × 49.4 mm	150 mm × 130 mm × 26.2 mm

Access Control Terminal

Product	 2.7" ACCESS CONTROL	 2.7" ACCESS CONTROL	 2.7" ACCESS CONTROL	 2.7" ACCESS CONTROL	 2.7" ACCESS CONTROL	 2.7" ACCESS CONTROL HOT
Product Model	DS-K1T8005EFWX DS-K1T8005MFWX	DS-K1T8005EFWX-B DS-K1T8005MFWX-B (Backup Battery)	DS-K1T805EX DS-K1T805MX	DS-K1T805EBWX DS-K1T808MBWX	DS-K1T805EBFWX DS-K1T808MBFWX	DS-K1T807EX-E1 DS-K1T807MX-E1
Power Supply	12 VDC	12 VDC Supports powered by battery in the bracket	12 VDC, 1 A	12 VDC, 1 A	12 VDC, 1 A	12 VDC or PoE
Authentication Methods	Card Fingerprint PIN	Card Fingerprint PIN	Card PIN	Card Bluetooth PIN	Card Fingerprint Bluetooth PIN	Card PIN
Storage	Fingerprint capacity 3,000 Card capacity 3,000 Event capacity 100,000	Fingerprint capacity 3,000 Card capacity 3,000 Event capacity 100,000	Card: 10,000 Event: 100,000	Card: 10,000 Event: 100,000	Card: 10,000 Fingerprint: 3,000 Event: 100,000	Card capacity 5,000 Event capacity 150,000
Card Reading Mode	DS-K1T808EFWX-EM card DS-K1T808MFWX- M1 card	DS-K1T808EFWX-B: EM card DS-K1T808MFWX-B: M1 card	DS-K1T805EX: EM card DS-K1T805MX: M1 card	DS-K1T805EBWX: EM card DS-K1T808MBWX: M1 card	DS-K1T805EBFWX:EM card DS-K1T808MBFWX:M1 card	DS-K1T807EX-E1:EM card DS-K1T807MX-E1:M1 card
Communication Mode	TCP / IP, Wi-Fi, RS-485, Wiegand USB	TCP / IP, Wi-Fi, RS-485, Wiegand USB	TCP / IP, RS-485 or OSDP, Wiegand	TCP / IP, Wi-Fi, RS-485 or OSDP, Wiegand, Bluetooth	TCP / IP, Wi-Fi, RS-485 or OSDP, Wiegand, Bluetooth	TCP / IP, RS-485, Wiegand USB
LCD Screen	2.4-inch non-touch LCD screen	2.4-inch non-touch LCD screen	-	-	-	2.4-inch non-touch LCD screen
Interface	Network interface × 1 RJ-45, 10/100 M self-adaptive Lock control × 1 Exit button × 1 Door contact input × 1 TAMPER × 1 USB × 1	Network interface × 1 RJ-45, 10/100 M self-adaptive Lock control × 1 Exit button × 1 Door contact input × 1 TAMPER × 1 USB × 1	Network interface × 1 RJ-45 10/100 Mbps self-adaptive Lock control × 1 Exit button × 1 Door contact input × 1 Alarm input × 2 Alarm output × 1 TAMPER × 1 RS-485 (Half duplex, HIKVISION) Wiegand (Hik 26 bit, Hik 34 bit)	Network interface × 1 RJ-45 10/100 Mbps self-adaptive Lock control × 1 Exit button × 1 Door contact input × 1 Alarm input × 2 Alarm output × 1 TAMPER × 1 RS-485 (Half duplex, HIKVISION) Wiegand (Hik 26 bit, Hik 34 bit)	Network interface × 1 RJ-45 10/100 Mbps self-adaptive Lock control × 1 Exit button × 1 Door contact input × 1 Alarm input × 2 Alarm output × 1 TAMPER × 1 RS-485 (Half duplex, HIKVISION) Wiegand (Hik 26 bit, Hik 34 bit)	Network interface × 1 RJ-45, 10/100 M self-adaptive Lock control × 1 Exit button × 1 Door contact input × 1 Alarm input × 2 TAMPER × 1 RS-485 (Half duplex, HIKVISION) Alarm output × 1 Wiegand (W26, W34) USB × 1 PoE Support
LED Indicator	Power / Status	Power / Status	Power / Status	Power / Status	Power / Status	Power / Status
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Protection Level	-	-	IK08, IP65	IK08, IP65	IK08, IP65	IP65
Dimensions (L × W × H)	150 mm × 130 mm × 26.2 mm	150 mm × 130 mm × 26.2 mm	57.7 mm × 177 mm × 34.6 mm (2.3" × 7.0" × 1.4")	57.7 mm × 177 mm × 34.6 mm (2.3" × 7.0" × 1.4")	57.7 mm × 177 mm × 34.6 mm (2.3" × 7.0" × 1.4")	172 mm × 76 mm × 27.5 mm (6.77" × 2.99" × 1.08")

Access Control Terminal

Product	 	 	 	 	 	 
Product Model	DS-K1T807EBFWX-E1 DS-K1T807MBFWX-E1	DS-K1T807EBWX-QRE1 DS-K1T807MBWX-QRE1	DS-K1T807EBFWX-QRE1 DS-K1T807MBFWX-QRE1	DS-K1T510EBWX-E1 DS-K1T510MBWX-E1	DS-K1T510EBWX-QRE1 DS-K1T510MBWX-QRE1	DS-K1T502DBWX
Power Supply	12 VDC or PoE	12 VDC or PoE	12 VDC or PoE	12 VDC or PoE	12 VDC or PoE	12 V - 24 VDC 1 A
Authentication Methods	Card Fingerprint Bluetooth PIN	Card QR code Bluetooth PIN	Card Fingerprint QR code Bluetooth PIN	Card Bluetooth PIN	Card QR code Bluetooth PIN	Card Bluetooth PIN
Storage	Fingerprint capacity 5000 Card capacity 5000 Event capacity 150,000	Card capacity 5000 Event capacity 150,000	Fingerprint capacity 5000 Card capacity 5000 Event capacity 150,000	User capacity 1000 Card capacity 3000 Face capacity 1000 Event capacity 150000	User capacity 1000 Card capacity 3000 Face capacity 1000 Event capacity 150000	Card: 100,000 Event: 300,000
Card Reading Mode	DS-K1T807EBFWX-E1: EM card DS-K1T807MBFWX-E1: M1 card	DS-K1T807EBWX-QRE1: EM card DS-K1T807MBWX-QRE1: M1 card	DS-K1T807EBFWX-QRE1: EM card DS-K1T807MBFWX-QRE1: M1 card	DS-K1T510EBWX-E1: EM card DS-K1T510MBWX-E1: M1 card	DS-K1T510EBWX-QRE1: EM card DS-K1T510MBWX-QRE1: M1 card	M1 Card DESfire card Felica card
Communication Mode	TCP / IP, Wi-Fi, RS-485 Wiegand, Bluetooth, USB	TCP / IP, Wi-Fi, RS-485 Wiegand, Bluetooth, USB	TCP / IP, Wi-Fi, RS-485 Wiegand, Bluetooth, USB	TCP / IP, Wi-Fi, Wiegand, Bluetooth	TCP / IP, Wi-Fi, Wiegand, Bluetooth	TCP / IP, Wi-Fi, Wiegand, Bluetooth
LCD Screen	2.4-inch non-touch LCD screen	2.4-inch non-touch LCD screen	2.4-inch non-touch LCD screen	-	-	-
Camera	-	-	-	2 MP	2 MP	-
Interface	Network interface × 1 RJ-45, 10/100 M self-adaptive Lock control × 1 Exit button × 1 Door contact input × 1 TAMPER × 1 Alarm input × 2 Alarm output × 1 RS-485 (Half duplex, HIKVISION) Wiegand (W26, W34) USB × 1 PoE Support	Network interface × 1 RJ-45, 10/100 M self-adaptive Lock control × 1 Exit button × 1 Door contact input × 1 TAMPER × 1 Alarm input × 2 Alarm output × 1 RS-485 (Half duplex, HIKVISION) Wiegand (W26, W34) USB × 1 PoE Support	Network interface × 1 RJ-45, 10/100 M self-adaptive Lock control × 1 Exit button × 1 Door contact input × 1 TAMPER × 1 Alarm input × 2 Alarm output × 1 RS-485 (Half duplex, HIKVISION) Wiegand (W26, W34) USB × 1 PoE Support	PoE IEEE802.3at, standard PoE Network interface × 1 Wiegand × 1, supports Wiegand input, single direction Lock control × 1 Exit button × 1 Door contact input × 1 TAMPER × 1	PoE IEEE802.3at, standard PoE Network interface × 1 Wiegand × 1, supports Wiegand input, single direction Lock control × 1 Exit button × 1 Door contact input × 1 TAMPER × 1	Network interface × 1 RJ-45 10/100 Mbps self-adaptive Lock control × 1 Exit button × 1 Door contact input × 1 Alarm input × 1 Alarm output × 1 TAMPER × 1 RS-485 (Half duplex, HIKVISION) Wiegand (Hik 26 bit, Hik 34 bit)
LED Indicator	Power / Status	Power / Status	Power / Status	Power / Status	Power / Status	Power / Status
Working Temperature	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 65 °C (-22 °F to 149 °F)	-30 °C to 65 °C (-22 °F to 149 °F)	-40 °C to 70 °C (-40 °F to 158 °F)
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Protection Level	IP65	IP65	IP65	IP65	IP65	IP65, IK09
Dimensions (L × W × H)	172 mm × 76 mm × 27.5 mm (6.77" × 2.99" × 1.08")	172 mm × 76 mm × 27.5 mm (6.77" × 2.99" × 1.08")	172 mm × 76 mm × 27.5 mm (6.77" × 2.99" × 1.08")	135 mm × 52 mm × 26 mm (5.32" × 2.05" × 1.02")	135 mm × 52 mm × 26 mm (5.32" × 2.05" × 1.02")	177 mm × 81 mm × 26 mm (6.97" × 3.19" × 1.02")

Access Control Terminal

Product	 	 	 	 	 
Product Model	DS-K1T502DBWX-C	DS-K1T502DBFWX	DS-K1T502DBFWX-C	DS-K1T502DBWX-QR	DS-K1T502DBWX-CQR
Power Supply	12 V - 24 VDC 1 A	12 V - 24 VDC 1 A	12 V - 24 VDC 1 A	12 V - 24 VDC 1 A	12 V - 24 VDC 1 A
Authentication Methods	Card Bluetooth PIN	Card Fingerprint Bluetooth PIN	Card Fingerprint Bluetooth PIN	Card QR code Bluetooth PIN	Card QR code Bluetooth PIN
Storage	Card: 100,000 Event: 300,000	Card: 100,000 Fingerprint: 10,000 Event: 300,000	Card: 100,000 Fingerprint: 10,000 Event: 300,000	Card: 100,000 Event: 300,000	Card: 100,000 Event: 300,000
Card Reading Mode	M1 Card DESfire card Felica card	M1 Card DESfire card Felica card	M1 Card DESfire card Felica card	M1 Card DESfire card Felica card	M1 Card DESfire card Felica card
Communication Mode	TCP / IP, Wi-Fi, RS-485, Wiegand, Bluetooth	TCP / IP, Wi-Fi, RS-485, Wiegand, Bluetooth	TCP / IP, Wi-Fi, RS-485, Wiegand, Bluetooth	TCP / IP, Wi-Fi, RS-485, Wiegand, Bluetooth	TCP / IP, Wi-Fi, RS-485, Wiegand, Bluetooth
Camera	2 MP	-	2 MP	-	2 MP
Interface	Network interface × 1 RJ-45 10/100 Mbps self-adaptive Lock control × 1 Exit button × 1 Door contact input × 1 Alarm input × 1 Alarm output × 1 TAMPER × 1 RS-485 (Half duplex, HIKVISION) Wiegand (Hik 26bit, Hik 34bit)	Network interface × 1 RJ-45 10/100 Mbps self-adaptive Lock control × 1 Exit button × 1 Door contact input × 1 Alarm input × 1 Alarm output × 1 TAMPER × 1 RS-485 (Half duplex, HIKVISION) Wiegand (Hik 26bit, Hik 34bit)	Network interface × 1 RJ-45 10/100 Mbps self-adaptive Lock control × 1 Exit button × 1 Door contact input × 1 Alarm input × 1 Alarm output × 1 TAMPER × 1 RS-485 (Half duplex, HIKVISION) Wiegand (Hik 26bit, Hik 34bit)	Network interface × 1 RJ-45 10/100 Mbps self-adaptive Lock control × 1 Exit button × 1 Door contact input × 1 Alarm input × 1 Alarm output × 1 TAMPER × 1 RS-485 (Half duplex, HIKVISION) Wiegand (Hik 26bit, Hik 34bit)	Network interface × 1 RJ-45 10/100 Mbps self-adaptive Lock control × 1 Exit button × 1 Door contact input × 1 Alarm input × 1 Alarm output × 1 TAMPER × 1 RS-485 (Half duplex, HIKVISION) Wiegand (Hik 26bit, Hik 34bit)
LED Indicator	Power / Status	Power / Status	Power / Status	Power / Status	Power / Status
Working Temperature	-40 °C to 70 °C (-40 °F to 158 °F)	-40 °C to 70 °C (-40 °F to 158 °F)	-40 °C to 70 °C (-40 °F to 158 °F)	-40 °C to 70 °C (-40 °F to 158 °F)	-40 °C to 70 °C (-40 °F to 158 °F)
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Protection Level	IK09, IP65	IK09, IP65	IK09, IP65	IK09, IP65	IK09, IP65
Dimensions (L × W × H)	177 mm × 81 mm × 26 mm (6.97" × 3.19" × 1.02")	177 mm × 81 mm × 26 mm (6.97" × 3.19" × 1.02")	177 mm × 81 mm × 26 mm (6.97" × 3.19" × 1.02")	177 mm × 81 mm × 26 mm (6.97" × 3.19" × 1.02")	177 mm × 81 mm × 26 mm (6.97" × 3.19" × 1.02")

Access Control Terminal

Product							
Product Model	DS-K1T801M/E	DS-K1T802M/E	DS-K1A802AF/AMF/AEF	DS-K1A802AF/AMF/AEF-B	DS-K1T804AF/AMF/AEF	DS-K1A8503F/MF/EF	DS-K1A8503F/MF/EF-B
Power Supply	12 VDC	12 VDC	5 VDC, 1 A	5 VDC, 1 A	12 VDC, 1 A	5 VDC, 1 A	5 VDC, 1 A
Storage	Cards: 3,000	Cards: 3,000 Events: 10,000	Card: 3,000 Fingerprint: 3,000 Event: 100,000 Attendance Record: 150,000	Card: 3,000 Fingerprint: 3,000 Event: 100,000 Attendance Record: 150,000	Card: 3,000 Fingerprint: 3,000 Event: 100,000 Attendance Record: 150,000	Card: 1,000 Fingerprint: 1,000 Event: 100,000	Card: 1,000 Fingerprint: 1,000 Event: 100,000
Card Reading Mode	EM Card (For E series) M1 card (For M series)	EM Card (For E series) M1 card (For M series)	EM Card (For E series) M1 Card (For M series) (Swiping Card is Not Available for DS-K1A802AF)	EM Card (For E series) M1 Card (For M series) (Swiping Card is Not Available for DS-K1A802AF-B)	EM Card (For E series) M1 Card (For M series) (Swiping Card is Not Available for DS-K1T804AF)	EM Card (For E series) M1 Card (For M series) (Swiping Card is Not Available for DS-K1A8503F)	EM Card (For E series) M1 Card (For M series) (Swiping Card is Not Available for DS-K1A8503F-B)
Communication Mode	-	TCP/IP	TCP / IP, Wi-Fi, ISUP 5.0	TCP / IP, Wi-Fi, ISUP 5.0	TCP / IP, Wi-Fi, RS-485 (For Secure Door Control Unit), Wiegand, ISUP 5.0	TCP / IP, ISUP5.0	TCP / IP, ISUP5.0
LCD Screen	-	128 × 64 STN Screen	2.4-inch LCD display screen	2.4-inch LCD display screen	2.4-inch (320× 240 LCD-TFT display screen)	2.4-inch LCD Display Screen	2.4-inch LCD Display Screen
Fingerprint Capacity	-	-	Max. 3,000 Fingerprints	Max. 3,000 Fingerprints	Max. 3,000 Fingerprints	Max. 1,000 Fingerprints	Max. 1,000 Fingerprints
Fingerprint Authentication Duration	-	-	1:N < 1s	1:N < 1s	1:N < 1s	1:N < 1s	1:N < 1s
Input Interface	Exit Button × 1, Door Sensor × 1	Exit Button × 1, Door Sensor × 1	USB	USB	Network × 1, RS-485 × 1, Wiegand × 1, USB × 1, IO input × 1, door contact × 1, exit button × 1, tamper × 1	USB	USB
Output Interface	Doorbell × 1, Lock Relay × 1	Doorbell × 1, Lock Relay × 1	-	-	Lock Relay × 1, IO Output × 1	-	-
LED Indicator	Power / Status	Power / Status	Power / Status	Power / Status	Power / Status	Power / Status	Power / Status
Working Temperature	-20°C to 65°C (-4°F to 149°F)	-20°C to 65°C (-4°F to 149°F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Dimensions (L × W × H)	126.5 mm × 94.5 mm × 24 mm (4.98" × 3.72" × 0.94")	126.5 mm × 94.5 mm × 24 mm (4.98" × 3.72" × 0.94")	140 mm × 155 mm × 30 mm (5.51" × 6.01" × 1.18")	140 mm × 155 mm × 30 mm (5.51" × 6.01" × 1.18")	205mm×76.5mm×37mm (8.07"×3.01"×1.46")	140 mm × 155 mm × 30 mm (5.51" × 6.01" × 1.18")	140 mm × 155 mm × 30 mm (5.51" × 6.01" × 1.18")

Access Control Terminal

Product			
Product Model	DS-K1T8003F/MF/EF	DS-K1T201AMF/EF	DS-K1T105AM/E
Power Supply	12 VDC, 1 A	12 VDC, 1 A	12 VDC
Storage	Card: 1,000 Fingerprint: 1,000 Event: 100,000	Card: 100,000 Fingerprint: 5,000 Event: 300,000	Cards: 100,000 Events: 300,000
Card Reading Mode	EM Card (For E series) M1 Card (For M series) (Swiping Card is Not Available for DS-K1T8003F)	EM Card (For E series) M1 Card (For M series)	EM Card (For E series) M1 card (For M series)
Communication Mode	TCP / IP, ISUP5.0	TCP / IP, Wi-Fi, RS-485, Wiegand	TCP / IP, Wi-Fi, RS-485, Wiegand
LCD Screen	2.4-inch LCD Display Screen	2.8-inch LCD	2.8-inch LCD
Fingerprint Capacity	Max. 1,000 Fingerprints	Max. 5,000 Fingerprints	-
Fingerprint Authentication Duration	1:N < 1s	1:N < 1s	-
Input Interface	Exit Button × 1, Door Sensor × 1, USB × 1	Network × 1, RS-485 × 1, Wiegand × 1, USB × 1, IO input × 2, door contact × 1, exit button × 1, tamper × 1	Network × 1, RS-485 × 1, Wiegand × 1, USB × 1, IO input × 2, door contact × 1, exit button × 1, tamper × 1
Output Interface	Lock Relay × 1, Doorbell Output × 1	IO output × 1, Lock Relay × 1	IO output × 1, Lock Relay × 1
LED Indicator	Power / Status	Power / Status	Power / Status
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-20 °C to 65 °C (-4 °F to 149 °F)
Working Humidity	10% to 90% (Non-Condensing)	10% to 90%	10% to 90%
Dimensions (L × W × H)	140 mm × 155 mm × 30 mm (5.51" × 6.01" × 1.18")	137 mm × 142 mm × 35 mm (5.4" × 5.6" × 1.4")	137 mm × 142 mm × 35 mm (5.4" × 5.6" × 1.4")

Card Reader

Product	 	 
Product Model	DS-K1109DB DS-K1109EB	DS-K1109EKB DS-K1109DKB
Reading Frequency	DS-K1109DB, 13.56 MHz DS-K1109EB, 125 KHz	DS-K1109EKB, 125 KHz DS-K1109DKB, 13.56 MHz
Reading Range	≤50 mm (≤ 1.97")	≤50 mm (≤ 1.97")
Shell Material	PC + Tempered Glass	PC + Tempered Glass
Communication Mode	RS485/Wiegand	RS485/Wiegand
ID Settings	Via DIP Switch	Via DIP Switch
Audio Alert	Beeper	Beeper
Power	12 VDC	12 VDC
Power Consumption	≤2 W	≤2 W
LED Indicator	Power Indicator; LED Status Indicator	Power Indicator; LED Status Indicator
Operating Temperature	-40 °C to 65 °C (-40 °F to 149 °F)	-40 °C to 65 °C (-40 °F to 149 °F)
Operating Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Protection Level	IP65	IP65
Dimensions (L × W × H)	125 mm × 84.5 mm × 18 mm (4.92" × 3.33" × 0.71")	125 mm × 84.5 mm × 18 mm (4.92" × 3.33" × 0.71")
Installation Method	Wall Mounting with Screws; 86 & 120 Gang Box	Wall Mounting with Screws; 86 & 120 Gang Box

Card Reader

Product	 	 	 	 	 	 
Product Model	DS-K1109DKFB DS-K1109EKFB	DS-K1109DKB-QR DS-K1109EKB-QR	DS-K1109DKFB-QR DS-K1109EKFB-QR	DS-K1105EMB DS-K1105EDB	DS-K1105EMKB DS-K1105EDKB	DS-K1105EMKB-QR DS-K1105EDKB-QR
Reading Frequency	DS-K1109DKFB, 13.56 MHz DS-K1109EKFB, 125 KHz	DS-K1109DKB-QR, 13.56 MHz DS-K1109EKB-QR, 125 KHz	DS-K1109DKFB-QR, 13.56 MHz DS-K1109EKFB-QR, 125 KHz	13.56 MHz & 125 KHz	13.56 MHz & 125 KHz	13.56 MHz & 125 KHz
Reading Range	≤ 50 mm (≤ 1.97")	≤ 50 mm (≤ 1.97")	≤ 50 mm (≤ 1.97")	≤ 50 mm (≤ 1.97")	≤ 50 mm (≤ 1.97")	≤ 50 mm (≤ 1.97")
Shell Material	PC + Tempered Glass	PC + Tempered Glass	PC + Tempered Glass	PC + Tempered Glass	PC + Tempered Glass	PC + Tempered Glass
Communication Mode	RS485 / Wiegand	RS485 / Wiegand	RS485 / Wiegand	RS485 / OSDP / Wiegand	RS485 / OSDP / Wiegand	RS485 / OSDP / Wiegand
ID Settings	Via DIP Switch	Via DIP Switch	Via DIP Switch	Via DIP Switch	Via DIP Switch	Via DIP Switch
Audio Alert	Beeper	Beeper	Beeper	Buzzer	Buzzer	Buzzer
Power	12 VDC	12 VDC	12 VDC	12 VDC	12 VDC	12 VDC
Power Consumption	≤ 2 W	≤ 2 W	≤ 2 W	≤ 6 W	≤ 6 W	≤ 6 W
LED Indicator	Power Indicator; LED Status Indicator	Power Indicator; LED Status Indicator	Power Indicator; LED Status Indicator	Power Indicator; LED Status Indicator	Power Indicator; LED Status Indicator	Power Indicator; LED Status Indicator
Operating Temperature	-40 °C to 65 °C (-40 °F to 149 °F)	-40 °C to 65 °C (-40 °F to 149 °F)	-40 °C to 65 °C (-40 °F to 149 °F)	-40 °C to 65 °C (-40 °F to 149 °F)	-40 °C to 65 °C (-40 °F to 149 °F)	-40 °C to 65 °C (-40 °F to 149 °F)
Operating Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Protection Level	IP65	IP65	IP65	IP65	IP65	IP65
Dimensions (L × W × H)	125 mm × 84.5 mm × 18 mm (4.92" × 3.33" × 0.71")	125 mm × 84.5 mm × 18 mm (4.92" × 3.33" × 0.71")	125 mm × 84.5 mm × 18 mm (4.92" × 3.33" × 0.71")	139 mm × 46 mm × 21.2 mm (5.47" × 1.81" × 0.83")	139 mm × 46 mm × 21.2 mm (5.47" × 1.81" × 0.83")	139 mm × 46 mm × 21.2 mm (5.47" × 1.81" × 0.83")
Installation Method	Wall mounting with screws; 86 & 120 Gang Box	Wall mounting with screws; 86 & 120 Gang Box	Wall mounting with screws; 86 & 120 Gang Box	Wall mounting	Wall mounting	Wall mounting

Card Reader

Product						
Product Model	DS-K1801M/MK/E/EK	DS-K1802M/MK/E/EK	DS-K1101M/MK	DS-K1102AM/AE/AEK/AMK/AEMK	DS-K1103M/MK	DS-K1104M/MK
Reading Frequency	125 KHz(For E Series)/13.56 MHz(For M Series)	125 KHz(For E Series)/13.56 MHz(For M Series)	13.56 MHz	13.56 MHz&125 KHz	13.56 MHz	13.56 MHz
Reading Range	EM Card: ≤100 mm (≤3.94") M1 Card:≤50 mm (≤1.97")	EM Card: ≤100 mm (≤3.94") M1 Card:≤50 mm (≤1.97")	≤ 50 mm (≤ 1.97")	≤ 50 mm (≤ 1.97")	≤ 50 mm (≤ 1.97")	≤50 mm (≤ 1.97")
Shell Material	PC + ABS	PC + ABS	PC + ABS	PC + ABS	PC + ABS	PC + Zinc-Alloy
Communication Mode	Wiegand	Wiegand	RS485 / Wiegand	RS485 / Wiegand	RS485 / Wiegand	RS485 / Wiegand
ID Settings	Via DIP Switch	Via DIP Switch	Via DIP Switch	Via DIP Switch	Via DIP Switch	Via DIP Switch
Audio Alert	Beeper	Beeper	Beeper	Beeper	Beeper	Beeper
Power	12 VDC	12 VDC	12V DC, ≤ 500 mA	12 VDC, 500 mA	12 VDC, ≤ 500 mA	12 VDC
Power Consumption	≤1.6 W	≤1.6 W	≤2 W	≤2 W	≤2 W	≤2 W
LED Indicator	Power Indicator; LED status Indicator	Power Indicator; LED status Indicator	Power Indicator; LED status Indicator	Power Indicator; LED status Indicator	Power Indicator; LED status Indicator	Power Indicator; LED status Indicator
Operating Temperature	-20°C to 65°C [-4°F to 149°F]	-20°C to 65°C [-4°F to 149°F]	-20°C to 65°C [-4°F to 149°F]	-20°C to 65°C [-4°F to 149°F]	-20°C to 65°C [-4°F to 149°F]	-20°C to 65°C [-4°F to 149°F]
Operating Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-condensing)
Protection Level	IP65	IP65	IP64	IP64	IP64	IP65, IK10
Dimensions (L × W × H)	87 mm × 87 mm × 13.3 mm (3.43" × 3.43" × 0.52")	115.9 mm×43.3 mm×17 mm (4.56" × 1.70" × 0.67")	132.0 mm × 92.3 mm × 20.5 mm (5.20" × 3.63" × 0.81")	121 mm × 86.5 mm × 14 mm (4.76" × 3.41" × 0.55")	129 mm × 76 mm × 14.7 mm (5.08" × 2.99" × 0.58")	118 mm × 70 mm × 23 mm (4.65" × 2.99" × 0.91")
Installation Method	Wall mounting with screws; 86 Gang Box	Wall mounting with screws; Incompatible with Gang Box	Wall mounting with screws.	Wall mounting with screws.	Wall mounting with screws. 120 Gang Box Only	86 & 120 Gang Box

Card Reader

Product			
Product Model	DS-K1107AE/AEK/AM/AMK	DS-K1108AE/AM/AD/AEK/AMK/ADK	DS-K1201AMF / AEF
Reading Frequency	125 KHz (For E Series)/13.56 MHz (For M Series)	125 KHz (For E Series)/13.56 MHz (For M&D Series)	125 KHz(For E Series)/13.56 MHz(For M Series)
Reading Range	≤ 50 mm (≤ 1.97")	EM Card: ≤100 mm (≤ 3.94") M1 Card: ≤50 mm (≤ 1.97") Desfire Card: ≤30 mm (≤ 1.18") Felica Card: ≤30 mm (≤ 1.18")	30 mm (1.18") to 100 mm (≤3.94")
Shell Material	PC + ABS	PC + ABS	PC + ABS
Communication Mode	RS485 / Wiegand	RS485 / Wiegand	RS-485
ID Settings	Via DIP Switch	Via DIP Switch	Via DIP Switch
Audio Alert	Beeper	Beeper	Beeper
Power	12 VDC	12 VDC	12 VDC ± 10%
Power Consumption	≤2 W	≤2 W	≤6 W
LED Indicator	Power Indicator; LED status Indicator	Power Indicator; LED status Indicator	Power Indicator; LED status Indicator
Operating Temperature	-20°C to 65°C [-4°F to 149°F]	-20°C to 65°C [-4°F to 149°F]	-40 °C to 70 °C [-40 °F to 158 °F]
Operating Humidity	10% to 90% (Non-condensing)	10% to 90% (Non-condensing)	10% to 90% (Non-Condensing)
Protection Level	IP65	IP65	IP65
Dimensions (L × W × H)	115 mm × 44 mm × 22 mm [4.53" × 1.73" × 0.87"]	123 mm × 88 mm × 21 mm [4.53" × 3.46" × 0.83"]	62 mm × 132 mm × 44 mm [2.44" × 5.20" × 1.73"]
Installation Method	Wall mounting with screws. Incompatible with Gang Box	Wall Mounting with Screws; 86 & 120 Gang Box	Surface Mounting

Visitor Terminal

Product			
Product Model	DS-K5033MW	DS-K5033MW-D	DS-K5033TMW-D
Operation System	Android 11	Android 11	Android 11
Screen Size	For visitor: 10.1-inch LCD touch screen	For Administrator: 10.1-inch LCD touch screen For visitor: 10.1-inch display screen	For Administrator: 15.6-inch LCD touch screen For visitor: 10.1-inch display screen
Screen Resolution	1280 × 800	1280 × 800	Main Screen (Operator): 1920 × 1080 Auxiliary Screen (Visitor): 1280 × 800
Camera	Dual lens 2 MP camera with WDR feature	Dual lens 2 MP camera with WDR feature	Dual lens 2 MP camera with WDR feature
Thermal Printer	√	√	√
OCR	Supports passport OCR	Supports passport OCR	Supports passport OCR
Wi-Fi	√	√	√
Card Reading Distance	0 to 4 cm	0 to 4 cm	0 to 4 cm
Power Supply	12 VDC, 5 A	12 VDC, 5 A	12 VDC, 5 A
Input Interface	USB × 3	USB × 3	USB × 3
Working Temperature	-10 °C to 50 °C (14 °F to 122 °F)	-10°C to 50°C (14°F to +122°F)	-10 °C to 50 °C (14 °F to 122 °F)
Working Humidity	10 % to 90 % (Non-Condensing)	10 % to 90 % (Non-Condensing)	10 % to 90 % (Non-Condensing)

Payment Terminal

Product			
Product Model	DS-K6301X-T	DS-K6301X-DT	DS-K6301X-Z
Operation System	Android 11	Android 11	Android 11
Sreen Size	8-inch IPS touch screen	Dual-screen design Main screen (for consumer): 8-inch IPS touch screen sub screen (for operator): 4.3-inch IPS display screen	8-inch IPS touch screen
Screen Resolution	800 × 1280	Main Screen (Operator): 800 × 1280 Auxiliary Screen (Visitor): 480 × 272	800 × 1280
Camera	2 MP wide-angle lens	2 MP wide-angle lens	2 MP wide-angle lens
Capacity	Face : 100,000 Card : 500,000 Event : 500,000	Face : 100,000 Card : 500,000 Event : 500,000	Face : 100,000 Card : 500,000 Event : 500,000
Wi-Fi	Support, 2.4G, 802.11 b/g/n	Support, 2.4G, 802.11 b/g/n	Support, 2.4G, 802.11 b/g/n
Card Reading Distance	0 cm to 5 cm	0 cm to 5 cm	0 cm to 5 cm
Power Supply	12 VDC to 16 VDC	12 VDC to 16 VDC	12 VDC to 16 VDC
Interface	Network interface × 1; USB × 1	Network interface × 1; USB × 1	Network interface × 1; USB × 1
Working Temperature	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)
Working Humidity	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)	10% to 90% (Non-Condensing)
Weight	2.1 kg (4.6 lb)	2.3 kg (5.1 lb)	2.1 kg (4.6 lb)
Dimensions (L × W × H)	172.9 mm × 387.9 mm × 217.9 mm (6.8" × 15.3" × 8.6")	172.9 mm × 387.9 mm × 261 mm (6.8" × 15.3" × 10.3")	172.9 mm × 387.9 mm × 217.9 mm (6.8" × 15.3" × 8.6")

Elevator Controller

Product				
Product Model	DS-K2220X	DS-K2220X(P)	DS-K2210	DS-K2M0016A
Power Supply	100 VAC to 240 VAC	12 VDC±15%	12 VDC	12 VDC
Processor	32 bit	32 bit	32 bit	32 bit
Uplink Communication Interface	TCP / IP	TCP / IP	TCP / IP	RS-485
Downlink Communication Interface	RS-485, Wiegand	RS-485, Wiegand	RS-485, Wiegand	-
Storage	Storage with 50,000 users, 100,000 Cards, 300,000 events and 30,000 fingerprints. Up to 128 floors' permissions	Storage with 50,000 users, 100,000 Cards, 300,000 events and 30,000 fingerprints. Up to 128 floors' permissions	20,000 Card and 50,000 Event	-
LED Indicator	1. Power On: Solid Green 2. Network Armed: Flashing Green, Network Not Armed: Solid Red 3. Serial Port Not Communicating: Light Off, Serial Port Communicating: Solid Green 4. Relay NC: Light Off, Relay NO: Solid Green 5. Network Disconnected: Light Off, Network Cable Connected: Solid Green, Flashing Green	1. Power On: Solid Green 2. Network Armed: Flashing Green, Network Not Armed: Solid Red 3. Serial Port Not Communicating: Light Off, Serial Port Communicating: Solid Green 4. Relay NC: Light Off, Relay NO: Solid Green 5. Network Disconnected: Light Off, Network Cable Connected: Solid Green, Flashing Green	Power Supply Status, Communication Status, Working Status	Power Supply Status, Communication Status, Working Status
Built-in Clock	√	√	√	-
Accessible Card Reader	RS-485 Reader: 2 Wiegand Reader: 2 Maximum 2 readers work at same time	RS-485 Reader: 2 Wiegand Reader: 2 Maximum 2 readers work at same time	RS-485 Reader: 2 Wiegand Reader: 2 Maximum 2 readers work at same time	-
Input Interface	1 Panic Button; 1 Fire Alarm Button; 1 Maintenance Button Case Input: 2	1 Panic Button; 1 Fire Alarm Button; 1 Maintenance Button Case Input: 2	1 Panic Button; 1 Fire Alarm Button; 1 Maintenance Button Case Input: 2	Alarm Input: 2
Output Interface	2 Relay Outputs	2 Relay Outputs	Relay Outputs: 2	Relay Outputs: 16
Operating Temperature	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-40 °C to +70 °C (-40 °F to 158 °F)	-40 °C to +70 °C (-40 °F to 158 °F)
Working Humidity	0 % to 90 % (Non-Condensing)	0 % to 90 % (Non-Condensing)	0 % to 90 % (Non-Condensing)	0 % to 90 % (Non-Condensing)
Dimensions (L × W × H)	235 mm × 280 mm × 87.8 mm (9.25" × 11.02" × 3.46")	166.85 mm × 101 mm × 29.5 mm (6.57" × 3.98" × 1.16")	167 mm × 105 mm × 30 mm (6.57" × 4.13" × 1.18")	167 mm × 105 mm × 30 mm (6.57" × 4.13" × 1.18")

Enroller		
Product		
Product Model	DS-K1F820-F	DS-K1F100-D8E
Fingerprint Reader	Optical, Red Backlight	13.56 MHz and 125 KHz
Resolution	508 dpi	Standard IC Card and ID (EM) Card
Fingerprint Template Size	256 × 288 (pixel)	ISO 14443 Type A/B Standard and ISO 7816 Standard
Interface	USB 2.0	USB 2.0; Driver Free
LED Light	-	LED Indicator; Indicates Power and the Communication Status
Working Temperature	-30°C to 70°C [-22°F to 158°F]	-20°C to 65°C [4° F to 149° F]
Working Current	5 VDC, 200 mA	200 mA
Dimensions (L × W × H)	100 mm × 48 mm × 35 mm (3.9" × 1.9" × 1.4")	117 mm × 67.5 mm × 14.3 mm
System	Windows XP, Windows7, and Windows 10	Windows, WinXP, Win7 and Win 8

Enroller		
Product		
Product Model	DS-K1F600U-D6E	DS-K1F600U-D6E-F
LCD Screen	3.97-inch touch screen, Resolution: 800 × 480	3.97-inch touch screen, Resolution: 800 × 480
Camera	2 MP dual-lens camera, with IR supplement light, WDR	2 MP dual-lens camera, with IR supplement light, WDR
Communication Mode	TCP/IP, WiFi, USB	TCP/IP, WiFi, USB
Card Type	EM card, M1 card, DESfire card, Felica card	EM card, M1 card, DESfire card, Felica card
Fingerprint	-	√
Offline Picture storage	2,000	2,000
Interface	USB, Type C USB	USB, Type C USB
Working Temperature	-10°C to 50°C [14°F to 122°F]	-10°C to 50°C [14°F to 122°F]
Working Humidity	10% to 90%	10% to 90%
Working Current	12 V, 1.25 A	12 V, 1.25 A
Dimensions (L × W × H)	121.6 mm × 137.9 mm × 125 mm (4.8" × 5.4" × 4.9")	121.6 mm × 137.9 mm × 125 mm (4.8" × 5.4" × 4.9")
System	Windows XP, Windows7, and Windows 10	Windows XP, Windows7, and Windows 10

Electric Bolt Lock

Product							
Product Model	DS-K4T100	DS-K4T100-U1	DS-K4T100-U2	DS-K4E100	DS-K4G100	DS-K4T108	DS-K4T108-U1
Delay Duration	0/3/6/9s Optional	-	-	-	-	0/3/6/9s Optional	-
Maximum Thrust	Polished and brushed stainless steel, support thrust of 800kg	-	-	-	SUS304 stainless steel, supports static linear thrust of 800 kg (1764 lb)	-	-
Secure	Power off for unlocking	-	-	Power off for unlocking	Power on for unlocking(default)	Power off for unlocking	-
Dimension of Plate (L × W × H)	205 mm × 35 mm × 40 mm (8.07" × 1.38" × 1.57")	-	-	130 mm × 100 mm × 44 mm(5.12" × 3.94" × 1.73")	-	205 mm × 34 mm × 42 mm (8.1" × 1.3" × 1.7")	-
Working Voltage	12 VDC	-	-	12 ~18VDC	12 VDC/24VDC	12 VDC	-
Working Current	900 mA (Startup Current) 100 mA (Standby)	-	-	300 mA	12 V, 320 mA 24 V, 160 mA	≤1.2A (Startup Current) 0.2A (Standby)	-
Magnetic Induction Distance	8 mm (0.31")	-	-	10 mm (0.39")	15mm(0.59")	-	-
Dimension of Strike (L × W × H)	90 mm × 25 mm × 2 mm (3.54" × 0.98" × 0.07")	-	-	99 mm × 36 mm × 35 mm (3.90" × 1.42" × 1.38")	-	-	-
Dimension of Body	-	93 mm × 50 mm × 30 mm (3.66" × 1.97" × 1.18")	205 mm × 58 mm × 46 mm (8.07" × 2.28" × 1.81")	-	165 mm × 43.7 mm × 35 mm (6.5" × 1.7" × 1.4")	-	70 mm × 44 mm × 24.5 mm (2.8" × 1.73" × 1.0")
Lock Body / Material	Eco-friendly Zinc Electroplating Operated	Aluminum Alloy	Aluminum Alloy	Stainless steel	Stainless steel	-	Aluminum Alloy
Shell / Strike	Eco-friendly Zinc Electroplating Operated	-	-	Stainless steel	Material of latch: SUS304 stainless steel Material of plate: wire-drawing on the surface	Hard Anodizing Electroplating Operated	-
Lifetime	500,000 Times of locking operation	-	-	500,000 Times of locking operation	100,000 Times usage of the electromagnetic coil when powering on	-	-
Suitable Doors	Wooden door, glass door, metal door, fireproof door	Fully frameless glass door, thickness of the glass between 10-15mm (0.39-0.59")	Fully frameless glass door, thickness of the glass between 10-15mm (0.39-0.59")	Wooden door, and metal door	Wooden door, metal door, pvc door	Wooden door, glass door, metal door	Lower edge frameless glass door with a space of more than 5mm between the leaf and frame
Signal Output	Signal Output NC, COM Contact of Door-status	-	-	Signal Output NO, NC, COM Contact of Door-status	Dry contact signal output; NO output while locking and NC output while unlocking	-	-
Working Humidity	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (non-condensing)	0 to 95% (relative humidity)	0 to 95% (relative humidity)
Working Temperature	-10° C to 55° C (14° F to 131° F)	-10° C to 55° C (14° F to 131° F)	-10° C to 55° C (14° F to 131° F)	-20° C to 50° C (4° F to 122° F)	-10° C to 55° C (14° F to 131° F)	-10° C to 55° C (14° F to 131° F)	-10° C to 55° C (14° F to 131° F)
Weight	0.7 kg (1.54 lb)	0.27 kg (0.60 lb)	1.3 kg (2.87 lb)	1.45 kg (3.2 lb)	0.4 kg (0.9 lb)	0.74 kg	0.15 kg

Magnetic Lock

Product						
Product Model	DS-K4H250S	DS-K4H250D	DS-K450S	DS-K4H450D	DS-K4H250-LZ	DS-K4H250-U
Maximum Thrust	280 kg Linear Thrust	280 kg × 2 Linear Thrust	500 kg Linear Thrust	500 kg × 2 Linear Thrust	-	-
Secure	Power Off for Unlocking	Power Off for Unlocking	Power Off for Unlocking	Power Off for Unlocking	-	-
Working Voltage	12 VDC / 24 VDC	12 VDC, / 24 VDC	12 VDC / 24 VDC	12 VDC / 24 VDC	-	-
Working Current	12 V, 500 mA 24 V, 250 mA	12 V, 500 mA × 2 24 V, 250 mA × 2	12 V, 420 mA 24 V, 210 mA	12 V, 420 mA × 2 24 V, 210 mA × 2	-	-
Dimension of Body	240 mm × 49 mm × 25.5 mm (9.45" × 1.93" × 1.00")	480 mm × 49 mm × 25.5 mm (18.9" × 1.93" × 1.00")	265 mm × 71.8 mm × 38.8 mm (10.43" × 2.83" × 1.53")	530 mm × 71.8 mm × 38.8 mm (20.87" × 2.83" × 1.53")	-	-
Dimension of Armature Plate	180 mm × 38 mm × 11 mm (7.1" × 1.5" × 0.4")	180 mm × 38 mm × 11 mm (7.1" × 1.5" × 0.4")	185 mm × 60 mm × 13 mm (7.28" × 2.36" × 0.51")	185 mm × 60 mm × 13 mm (7.28" × 2.36" × 0.51")	-	-
Dimension (L × W × H) of L-bracket	-	-	-	-	250 mm × 47 mm × 28.5 mm (9.84 × 1.85 × 1.12")	-
Dimension (L × W × H) of Z-bracket	-	-	-	-	180 mm × 50 mm × 50 mm (7.09" × 1.97" × 1.97") (ABK-280ZL)	-
Dimension (L × W × H) of U-bracket	-	-	-	-	-	180 mm × 40 mm × 28 mm (7.09" × 1.57" × 1.10")
Lock Body / Material	Eco-friendly Zinc Electroplating Operated	Eco-friendly Zinc Electroplating Operated	Eco-friendly Zinc Electroplating Operated	Eco-friendly Zinc Electroplating Operated	Aldural material with the surface sandblast	Aldural material with the surface sandblast
Shell / Strike	Hard anodizing electroplating operated	Hard anodizing electroplating operated	Hard anodizing electroplating operated	Hard anodizing electroplating operated	Hard anodizing electroplating operated	Hard anodizing electroplating operated
Armature plate	Eco-friendly zinc electroplating operated	Eco-friendly zinc electroplating operated	Eco-friendly zinc electroplating operated	Eco-friendly zinc electroplating operated	-	-
LED Indicator	Red (Door is Unlocked) Green (Door is Locked)	Red (Door is Unlocked) Green (Door is Locked)	Red (Door is Unlocked) Green (Door is Locked)	Red (Door is Unlocked) Green (Door is Locked)	-	-
Suitable Doors	Wooden door, glass door, metal door, fireproof door	Wooden door, glass door, metal door, fireproof door	Wooden door, metal door, fireproof door	Wooden door, metal door, fireproof door	In-swing doors, opens towards inside at the angle of 90°	Frameless glass door, opens at the angle of 90°, thickness of glass should be 10 to 15mm
Signal Output	Dry Contact Signal Output, Support Maximum Power Rate of 3A, NO Output While Locking and NC Output While Unlocking	Dry Contact Signal Output, Support Maximum Power Rate of 3A, NO Output While Locking and NC Output While Unlocking	Dry Contact Signal Output; Support Maximum Power Rate of 3A, NO Output While Locking and NC Output While Unlocking	Dry Contact Signal Output; Support Maximum Power Rate of 3A, NO Output While Locking and NC Output While Unlocking	-	-
Working Humidity	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (relative humidity)
Working Temperature	-10° C to 55° C (14° F to 131° F)	-10° C to 55° C (14° F to 131° F)	-10° C to 55° C (14° F to 131° F)	-10° C to 55° C (14° F to 131° F)	-10° C to 55° C (14° F to 131° F)	-10° C to 55° C (14° F to 131° F)
Weight	2.1 kg (4.63 lb)	4.2 kg (9.3 lb)	4.5 kg (9.9 lb)	9 kg (19.8 lb)	0.75 kg (1.58 lb)	0.32 kg (0.70 lb)

Magnetic Lock

Product						
Product Model	DS-K4H450-LZ	DS-K4H258S	DS-K4H258D	DS-K4H258-LZ	DS-K4H258D-LZ	DS-K4H258-U
Maximum Thrust	-	280 kg Linear Thrust	280 kg × 2 Linear Thrust	-	-	-
Secure	-	Power Off for Unlocking	Power Off for Unlocking	-	-	-
Working Voltage	-	12 VDC	12 VDC	-	-	-
Working Current	-	340 mA	340 mA × 2	-	-	-
Dimension of Body	-	238 mm × 45 mm × 25 mm (9.4" × 1.8" × 1.0")	500 mm × 45 mm × 25 mm (19.7" × 1.8" × 1.0")	-	-	-
Dimension of Armature Plate	-	182 mm × 38 mm × 12.5 mm (7.2" × 1.5" × 0.5")	182 mm × 38 mm × 12.5 mm (7.2" × 1.5" × 0.5")	-	-	-
Dimension (L × W × H) of L-bracket	265 mm × 72 mm × 45.2 mm (10.43" × 2.83" × 1.78")	-	-	238 mm × 30 mm × 47 mm (9.4" × 1.2" × 1.9")	500 mm × 30 mm × 47 mm (19.7" × 1.2" × 1.9")	-
Dimension (L × W × H) of Z-bracket	185 mm × 70 mm × 61 mm (7.28" × 2.76" × 2.40")	-	-	-	-	-
Dimension (L × W × H) of U-bracket	-	-	-	-	-	185 mm × 28 mm × 45 mm (7.3" × 1.1" × 1.8")
Lock Body / Material	High Strength Aluminum with the Surface Sandblast	Eco-friendly Zinc Electroplating Operated	Eco-friendly Zinc Electroplating Operated	Adopts aldural material	Adopts aldural material	Adopts aldural material
Shell / Strike	Anodized aluminum	Hard anodizing electroplating operated	Hard anodizing electroplating operated	Hard anodizing electroplating operated	Hard anodizing electroplating operated	Hard anodizing electroplating operated
Armature Plate	-	Eco-friendly zinc electroplating operated	Eco-friendly zinc electroplating operated	-	-	-
LED Indicator	-	Green (work status)	Green (work status)	-	-	-
Suitable Doors	Wooden door, metal door, narrow trim door	Wooden door, glass door, metal door, fireproof door	Wooden door, glass door, metal door, fireproof door	Wooden door, and metal door	Wooden door, and metal door	Frameless glass door, opens at the angle of 90°, thickness of glass should be 10 to 15mm
Working Humidity	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (relative humidity)
Working Temperature	-10° C to 55° C (14° F to 131° F)	-10° C to 55° C (14° F to 131° F)	-10° C to 55° C (14° F to 131° F)	-10° C to 55° C (14° F to 131° F)	-10° C to 55° C (14° F to 131° F)	-10° C to 55° C (14° F to 131° F)
Weight	1.3 kg (2.87 lb)	2.1 kg (4.63 lb)	4.2 kg (9.3 lb)	0.77 kg (1.7 lb)	1.05 g (2.31 lb)	0.4 kg (0.88 lb)

Magnetic Lock

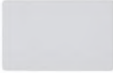
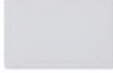
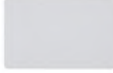
Product			
Product Model	DS-K4H255S	DS-K4H255-LZ	DS-K4H255-U
Maximum Thrust	Max. 272 kg (600 Lbs)	-	-
Secure	Power Off for Unlocking	-	-
Working Voltage	12 VDC, 24 VDC	-	-
Working Current	12 VDC/470 mA - 24 VDC/235 mA	-	-
Dimension of Body	250 mm × 28 mm × 48 mm (9.8" × 1.1" × 1.9")	-	-
Dimension of Armature Plate	180 mm × 38 mm × 12 mm (7.1" × 1.5" × 0.5")	-	-
Dimension (L × W × H) of L-bracket	-	250 mm × 46 mm × 30 mm (9.8" × 1.8" × 1.2")	-
Dimension (L × W × H) of Z-bracket	-	180 mm × 47 mm × 47 mm (7.1" × 1.9" × 1.9")	-
Dimension (L × W × H) of U-bracket	-	-	180 mm × 24.5 mm × 38.8 mm (7.1" × 1.0" × 1.5")
Lock Body / Material	Eco-friendly Zinc Electroplating Operated	High strength aluminum alloy surface sandblasting oxidation	High strength aluminum alloy surface sandblasting oxidation
Shell / Strike	Hard anodizing electroplating operated	High strength aluminum alloy surface sandblasting oxidation	High strength aluminum alloy surface sandblasting oxidation
Armature Plate	Eco-friendly zinc electroplating operated	-	-
LED Indicator	-	-	-
Suitable Doors	Wooden door, glass door, metal door	Wooden door, glass door, metal door	Lower edge frameless glass door (door thickness 9~12mm)
Signal Output	Dry Contact Signal Output, Support Maximum Power Rate of 3A, NO Output While Locking and NC Output While Unlocking	-	-
Working Humidity	0~90% (Relative Humidity)	0~90% (Relative Humidity)	0~90% (Relative Humidity)
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)
Weight	1.9 kg (4.2 Lbs)	0.5 kg	0.2 kg

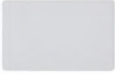
Exit Button

Product			
Product Model	DS-K7P01	DS-K7P02	DS-K7P03A
Output Contact	NO / NC / COM Contact	NO / NC / COM Contact	NO / NC / COM Contact
Structure	Stainless Steel Panel, Metal Button	Stainless Steel Panel, Metal Button	Stainless Steel Panel
Current Rating	3 A @ 36 VDC Max	3 A @ 36 VDC Max	1 A @ 30 VDC, 0.5 A @ 125 VAC
Suitable Doors	Hollow doorframe and embedded-electric box	Hollow doorframe and embedded-electric box	All kinds of narrow doorframes
Working Humidity	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (relative humidity)
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-20 °C to 50 °C (-4 °F to 122 °F)
Dimensions (L × W × H)	86 mm × 86 mm × 28.9 mm (3.39" × 3.39" × 1.14")	90 mm × 35 mm × 28.9 mm (3.54" × 1.38" × 1.14")	86 mm × 86 mm × 25.7 mm (3.39" × 3.39" × 1.01")
Weight	0.25 kg (0.55 lb)	0.20 kg (0.44 lb)	0.15 kg (0.33 lb)

Exit Button

Product						
Product Model	DS-K7P04A	DS-K7P05	DS-K7P06	DS-K7P07	DS-K7P08	DS-K7PEB(Red or Green)
Output Contact	NO / NC / COM Contact	NO / NC / COM Contact	NO / NC / COM Contact	NO/NC/COM contact	NO/NC/COM contact	NO / NC / COM Contact
Structure	Stainless Steel Panel	Stainless Steel Panel, Metal Button, Metal Button Case	Stainless Steel Panel, Metal Button, Metal Button Case	Stainless Steel	Stainless Steel	Fireproof Material, Sandblast Finished
Current Rating	1 A @ 30 VDC, 0.5 A @ 125 VAC	3 A @ 36 VDC Max	3 A @ 36 VDC Max	DC12-24 V	DC12-24 V	3 A @ 36 VDC Max
Suitable Doors	All kinds of narrow doorframes	All kinds of narrow doorframes	All kinds of narrow doorframes	Hollow door frame (concealed installation)	Hollow door frame (concealed installation)	Exit door, Emergency door
Working Humidity	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (relative humidity)	0 to 95% (relative humidity)
Working Temperature	-20°C to 50°C (-4°F to 122°F)	-10° C to 55° C (14° F to 131° F)	-20°C to 65°C (-4°F to +149°F)	-10° C to 55° C (14° F to 131° F)	-10° C to 55° C (14° F to 131° F)	-10° C to 55° C (14° F to 131° F)
Dimensions (L × W × H)	90 mm × 35 mm × 37.7 mm (3.54" × 1.38" × 1.48")	86 mm × 50 mm × 44 mm (3.39" × 1.97" × 1.73")	87.7 mm × 87.7 mm × 44 mm (3.46"×3.46"×2.13")	115 mm × 70 mm × 16 mm (4.53" × 2.76" × 0.63")	86 mm × 86 mm × 16 mm (3.39" × 3.39" × 0.63")	86 mm × 86 mm × 50 mm (3.39" × 3.39" × 1.97")
Weight	0.12 kg (0.26 lb)	0.14 kg (0.31 lb)	0.23 kg (0.51 lb)	0.13 kg (0.27 lb)	0.11 kg (0.24 lb)	0.20 kg (0.44 lb)

Card						
Product						
Product Model	DS-KEM125	DS-K7M101-E0	DS-K7M101-E1	DS-K7M101-M1	IC S50	S50-TK4100
Standard	-	-	-	ISO/IEC 14443	ISO/IEC 14443A	ISO14443 Type A ISO/IEC 7816-5
Sensing Frequency	125 KHz +/- 6 KHz	125 KHz	125 KHz	13.56 MHz	13.56 MHz	13.56 MHz
Data Format	EM-4100	-	-	-	-	-
Memory Capacity	64 bit	64 bit	64 bit	-	-	-
Function	Read	Read	Read	Read and Write	Read and Write	Read and Write
Data Transmission Speed	-	-	-	-	106 k bit/s	-
Sensing Distance	≤15 cm	2.5 cm to 10 cm	2.5 cm to 10 cm	≤10 cm	≤10 cm	≤10 cm
Data Integrity Protection	-	-	-	-	16 bit CRC, odd-even check, encoding and counting by bit	-
EEPROM	-	-	-	1K Byte 10 years data storage ≥100,000 writing times	1K Byte (16 zones, 4 sections per zone, 16 bytes per section) 10 years data storage ≥100,000 writing times	1K Byte 10 years data storage ≥100,000 writing times
Temperature	-20 °C to 75 °C [-4° F to 167° F]	-20 °C to 65 °C [-4 °F to 149 °F]	-20 °C to 65 °C [-4 °F to 149 °F]	-20 °C to 75°C [-4° F to 167° F]	-20 °C to 75°C [-4° F to 167° F]	-20 °C to 75°C [-4° F to 167° F]
Material	PVC	PVC	PVC	PVC	PVC	PVC
Color	White	White	White	White	White	White
Dimension	85.5 mm × 54 mm × 0.8 mm (3.37" × 2.13" × 0.03")	85.5 mm × 54 mm × 0.8 mm (3.37" × 2.13" × 0.03")	85.5 mm × 54 mm × 0.8 mm (3.37" × 2.13" × 0.03")	85.5 mm × 54 mm × 0.8 mm (3.37" × 2.13" × 0.03")	85.5 mm × 54 mm × 0.8 mm (3.37" × 2.13" × 0.03")	85.5 mm × 54 mm × 0.8 mm (3.37" × 2.13" × 0.03")

Card			
Product			
Product Model	FM11RF08-M1	DS-K7M102-M	DS-K7M106-D0E
Standard	ISO/IEC 14443	ISO/IEC 14443	ISO14443A Type A
Sensing Frequency	13.56 MHz	13.56 MHz	13.56 MHz
Data Format	-	-	-
Memory Capacity	-	-	-
Function	Read and Write	Read and Write	Read and Write
Data Transmission Speed	106 Kbps	106 Kbps	-
Sensing Distance	≤10 cm	≤4 cm	≤10 cm
Data Integrity Protection	-	-	-
EEPROM	1K Byte 10 years data storage ≥100,000 writing times	1K Byte (16 zones, 4 sections per zone, 16 bytes per section) 10 years data storage ≥100,000 writing times	4K Byte 5 years data storage ≥100,000 writing times
Temperature	-20 °C to 75 °C (-4 °F to 167 °F)	-10 °C to 50 °C (14 °F to 122 °F)	-20 °C - 70 °C (-4 °F to 158 °F)
Material	PVC	PVC, AB glue	PVC
Color	White	White and Red	White
Dimensions (L × W × H)	85.5 mm × 54 mm × 0.8 mm (3.37" × 2.13" × 0.03")	26 mm × 50 mm × 4 mm (1.02" × 1.97" × 0.16")	85.5 mm × 54 mm × 0.9 mm (3.37" × 2.13" × 0.04")

Power Supply			
Product			
Product Model	DS-K7M-AW24	DS-K7M-AW50	DS-K7M-AW100
Applicable Device (device sold separately)	1 access control terminal and 1 lock	1 access control terminal and 1 lock	2 access control terminals and 2 locks
Power Supply	Power input: 110 to 230 VAC Power output: 12 VDC, 24 W	Power input: 100 to 240 VAC, 50W Power output: 12 VDC	Power input: 100 to 240 VAC, 100W Power output: 12 VDC
Working Temperature	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 70 °C (14 °F to 158 °F)	-10 °C to 70 °C (14 °F to 158 °F)
Working Humidity	< 95%	< 95%	< 95%
Dimensions (L × W × H)	168 mm × 216 mm × 73.3 mm	235 mm × 384 mm × 90 mm (9.25" × 15.1" × 3.5")	370 mm × 345 mm × 90 mm (14.7" × 13.6" × 3.5")

Floor Stand & Bracket

Product						
Product Model	DS-KAB671-P2	DS-KAB6-D1	DS-KAB6-ZU1	DS-KAB6-ZU2	DS-KAB502-S1	DS-KAB502-S2
Suitable Device Model	The floor stand is applicable for DSK1T671 series, DS-K1T671T series,. For other models, including DS-K1T680 / DS-K1T672 / DS-K1T642 / DS-K1T341C / DS-K1T342, etc, we need to cut the built-in cable connector and connect to the face terminal cable.	The bracket is suitable for DS-K1T671 series (including temperature screening series), DS-K1T672 series, DS-K1T673 series, DS-K1T680 series, and DSK1T341C series	Available for face recognition terminal which supports 86 gang box installation on the speed gates and turnstiles	Available for face recognition terminal which supports 86 gang box installation on the speed gates and turnstiles	Protective shield for DS-K1T502 series	Wall mounting box for DS-K1T502 series
Material	AL6061-001 aluminum alloy	ZAMAK, ABS	AL-6061 aluminum alloy	AL-6061 aluminum alloy	SGCC	SECC
Weight	5.46 kg (12.04 lb)	Net: 1.39 kg (3.06 lb) Rough: 2.12 kg (4.67 lb)	-	-	210 g (0.463 lb)	145.1 g (0.32lb)
Dimensions (L × W × H)	300 mm × 300 mm × 1059 mm (11.8" × 11.8" × 41.7")	127.97 mm × 215.49 mm × 133.97 mm (5.04" × 8.48" × 5.27")	100 mm × 100 mm × 196 mm (3.94" × 3.94" × 7.72")	100 mm × 100 mm × 196 mm (3.94" × 3.94" × 7.72")	178.08 mm × 85 mm × 42.06 mm (7.01" × 3.35" × 1.66")	176 mm × 80 mm × 22.8 mm (6.9" × 3.1" × 0.9")

Floor Stand & Bracket

Product					
Product Model	DS-KAB805-S1	DS-KAB34X-S1	DS-KAB344-S1	DS-KAB673-S1	DS-KAB6-W1
Suitable Device Model	Protective shield for DS-K1T805 series	Protective shield for DS-K1T341A/C and DS-K1T342 series Face Recognition Terminal	Protective shield for DS-K1T344 Series Face Recognition Terminal	Protective shield for DS-K1T673 series Face Recognition Terminal.	MinMoe wall mounting bracket Available for DS-K1T320 series, DS-K1A340 series, DS-K1T343 series, DS-K1T342 series, DS-K1T341C series, DS-K1T673/673T series, DS-K1T671/671T series, DS-K1T672 series, DS-K1T680 series, DS-K1T681 series, DS-K1T981 series
Material	SECC	PC	SGCC	PC	Aluminum alloy
Weight	224.7 g (0.5 lb)	89 g (0.2 lb)	210 g (0.463 lb)	161.4 g (0.4 lb)	213 g (0.47 lb)
Dimensions (L × W × H)	188.6 mm × 77 mm × 42 mm (7.4" × 3.0" × 1.6")	99.4 mm × 55 mm × 199.3 mm (3.9" × 2.2" × 7.8")	178.08 mm × 85 mm × 42.06 mm (7.01" × 3.35" × 1.66")	135 mm × 80 mm × 250 mm (5.3" × 3.1" × 9.8")	126 mm × 84 mm × 46.5 mm

Prime Pass Series

Supreme access, smooth setup.

**Multiple authentication methods**

Face, card, QR code, *palm & vein

**dToF sensors**

Simplify installation and enhance fault tolerance

**Easy installation**

One network cable & one power cable

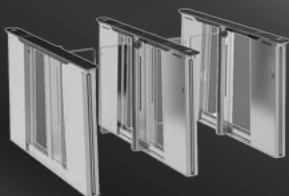
**Quick configuration**

Accessed by a mobile web client via NFC

Single-sided
dToF detector

PRIME PASS
SERIES

DS-K6B961TX



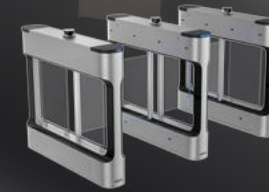
DS-K6B630TX



DS-K6B530TX



DS-K6B411TX



**Note: Palm and vein recognition caters to scenarios requiring higher security levels.*

Prime Pass

Product	 HOT	 NEW	 HOT	 NEW	 NEW	 NEW
Product Model	DS-K6B411TX Series	DS-K6B530TX Series	DS-K6B630TX Series	DS-K6B961TX Series	DS-K6B653X Series	DS-K6B961X Series
Motor Type	Brushless Motor	Servo Motor	Servo Motor	Direct-drive Servo Motor	Servo Motor	Servo Motor
Built in Access Controller	√	√	√	√	√	√
Built-in Display	-	-	6.95-inch IPS screen 600 × 1024	6.95-inch IPS screen 600 × 1024	6.95-inch IPS screen 600 × 1024	6.95-inch IPS screen 600 × 1024
Super Capacitor (Emergency Open)	√	√	√	√	√	√
Built-in Face Recognition Camera	2 MP FOV: Horizontal: 75°, Vertical: 139°	2 MP FOV: Horizontal: 75°, Vertical: 139°	2 MP FOV: Horizontal: 59°, Vertical: 108°	2 MP FOV: Horizontal: 59°, Vertical: 108°	-	-
Additional Loudspeaker and Keyfob Board	Built-in wireless keyfob (433 MHz / 868 MHz, within 50 m), wired remote control pad	Built-in wireless keyfob (433 MHz / 868 MHz, within 50 m), wired remote control pad	Built-in wireless keyfob (433 MHz / 868 MHz, within 50 m), wired remote control pad	Built-in wireless keyfob (433 MHz / 868 MHz, within 50 m), wired remote control pad	Built-in	Built-in
Authentication Mode	Card (EM/M1), face, QR code (Optional)	Card (EM/DESfire), face	Card (EM/M1/DESfire), face, QR code, palm & vein (Optional)	Card (EM/M1/DESfire), face, QR code (Optional)	Card (EM/M1/DESfire), QR code, palm & vein (Optional)	Card (EM/M1/DESfire), QR code
Communication Interface	TCP/IP × 1 RS485 × 2 Exit button × 2 Alarm out × 4 USB × 2 Fire alarm input × 2 Case input × 2	TCP/IP × 2 RS485 × 4 RS232 × 2 Alarm out × 4 Wiegand × 2 USB × 2 Fire alarm input × 1 Case input × 2	TCP/IP × 1 Exit button × 2 Alarm out × 4 Fire alarm input × 1 Case input × 2	TCP/IP × 2 RS485 × 2 RS232 × 2 Exit button × 2 Tamper × 2 Alarm out × 4 Wiegand × 2 USB × 2 Fire alarm input × 1 Case input × 2	TCP/IP × 1 Exit button × 2 Alarm out × 4 Fire alarm input × 1 Case input × 2	TCP/IP × 2 RS485 × 2 RS232 × 2 Exit button × 2 Tamper × 2 Alarm out × 4 Wiegand × 2 USB × 2 Fire alarm input × 1 Case input × 2
Safety Detectors	6 dToF	24 dToF	12 dToF	24 dToF	12 dToF	24 dToF
Throughput	20 to 60 persons per minute*	30 to 60 persons per minute*	30 to 60 persons per minute*	30 to 60 persons per minute*	30 to 60 persons per minute*	30 to 60 persons per minute*
Capacity	200,000 cards 100,000 faces 100,000 events	200,000 cards 100,000 faces 100,000 events	500,000 cards 100,000 faces 1,000,000 events	500,000 cards 100,000 faces 1,000,000 events	500,000 cards 1,000,000 events	500,000 cards 1,000,000 events
MCBF	≥ 5 million times	≥ 12 million times	≥ 11 million times	≥ 30 million times	≥ 12 million times	≥ 11 million times
Barrier / Wing Material	Stainless steel pipe, acrylic glass	Stainless steel pipe, acrylic glass	Acrylic glass	Acrylic glass	Acrylic glass	Acrylic glass
Pedestal Material	SUS304 stainless steel 1.2 mm	SUS304 stainless steel 1.2 mm	Aluminium alloy	SUS304 stainless steel 2.0 mm	Aluminium alloy	SUS304 stainless steel 2.0 mm
Lane Width	550 mm to 1,100 mm	550 mm to 1,100 mm	550 mm to 1,100 mm	550 mm to 1,100 mm	550 mm to 1,100 mm	550 mm to 1,100 mm
Dimension (L × W × H) per Pedestal	With package: 1,405 mm × 345 mm × 1,195 mm Without package: 1,205 mm × 199 mm × 1,072 mm	With package: 1,600 mm × 400 mm × 1,283 mm Without package: 1,500 mm × 130 mm × 1,000 mm	With package: 1,750 mm × 480 mm × 1,230 mm Without package: 1,500 mm × 120 mm × 1,002 mm	With package: 1,905 mm × 550 mm × 1,330 mm Without package: 1,651 mm × 117 mm × 1,020 mm	With package: 1,750 mm × 480 mm × 1,230 mm Without package: 1,500 mm × 120 mm × 1,002 mm	With package: 1,905 mm × 550 mm × 1,330 mm Without package: 1,651 mm × 117 mm × 1,020 mm
Application Environment	Indoor / Outdoor	Indoor / Outdoor	Indoor	Indoor	Indoor	Indoor

Note: *The actual throughput is affected by the person passing rate and passing method.

Swing Barriers

Product	 NEW	 HOT	 HOT	 HOT
Product Model	DS-K3B211LX Series	DS-K3B411B(L)X Series	DS-K3B530(L)X Series	DS-K3B801BX Series
Motor Type	Brushless Motor	Brushless Motor	Servo Motor	Servo Motor
Built in Access Controller	K3B211X: √ K3B211LX: -	K3B411BX: √ K3B411BLX: -	K3B530X: √ K3B530LX: -	√
Super Capacitor	-	-	-	√
Additional Loudspeaker and Keyfob Board	Optional	Optional	Built-in	Built-in
Optional Authentication Mode	Card, face	Card, face, QR code	Card, face, QR code	Card, face, QR code, fingerprint
Communication Interface	Exit button × 4 Fire alarm in × 1	Exit button × 2 Alarm in × 1 TCP/IP × 1 (K3B411X only) Lock control × 2 (K3B411X only) Alarm output × 2 (K3B411X only) RS485 × 4 (K3B411X only) RS232 × 2 (K3B411X only)	Exit button × 2 TCP/IP × 1 (K3B530X only) Lock control × 2 (K3B530X only) Alarm in × 2 (K3B530X only) Alarm output × 2 (K3B530X only)	TCP/IP × 1 RS485 × 4 RS232 × 2 Lock control × 2 Exit button × 2 Alarm input × 2 Alarm output × 2 Wiegand in × 2
Safety Detectors	4 pairs IR detectors	6 pairs IR detectors	14 pairs IR detectors	24 pairs IR detectors
Throughput	20 to 60 persons per minute*	20 to 60 persons per minute*	30 to 60 persons per minute*	30 to 60 persons per minute*
Capacity	-	500,000 cards (K3B411X only) 500,000 events (K3B411X only)	700,000 cards (K3B530X only) 700,000 events (K3B530X only)	1000,000 cards 1000,000 events
MCBF	≥ 3 millions	≥ 5 millions	≥ 12 millions	≥ 10 millions
Barrier / Wing Material	Acrylic glass	Stainless steel pipe, acrylic glass	Acrylic glass, stainless steel pipe	Acrylic glass
Pedestal Material	SUS304 stainless steel 0.8 mm (0.03")	SUS304 stainless steel 1.2 mm (0.05")	SUS304 stainless steel 1.5 mm (0.06")	SUS304 stainless steel 2 mm (0.08")
Lane Width	550 mm to 900 mm	550 mm to 1,100 mm	550 mm to 1,100 mm	550 mm to 1,100 mm
Dimension (L × W × H) per Pedestal	With package: 1,300 mm × 320 mm × 1,080 mm Without package: 1,200 mm × 218 mm × 1,023 mm	With packaging: 1,408 mm × 348 mm × 1,156 mm Without packaging: 1,200 mm × 200 mm × 1,020 mm	With packaging: 1,610 mm × 410 mm × 1,255 mm Without packaging: 1,500 mm × 130 mm × 1,000 mm	Without package: 1,500 mm × 160 mm × 1,010 mm With package: 1,688 mm × 348 mm × 1,318 mm
Working Humidity	10% to 95% (No Condensing)	10% to 95% (No Condensing)	0% to 95% (No Condensing)	10% to 95% (No Condensing)
Working Temperature	-20 °C to 65 °C (-4°F to 149 °F)	-20 °C to 65 °C (-4°F to 149 °F)	-20 °C to 65 °C (-4°F to 149 °F)	-10 °C to 55 °C (14 °F to 131 °F)
Application Environment	Indoor / Outdoor	Indoor / Outdoor	Indoor / Outdoor	Indoor / Outdoor
Power Consumption	Standby: 30 W Working: 80 W Peak: 120 W	65 W (stand by)	40 W (stand by)	65W (stand by)

Note: *The actual throughput is affected by the person passing rate and passing method.

Swing Gates

Product	 HOT	 NEW	 NEW
Product Model	DS-K3BC430LX Series	DS-K6BC402(L)X Series	DS-K6BC402TX Series
Motor Type	Brushless Motor	Brushless Motor	Brushless Motor
Built in Access Controller	Optional	Optional	Optional
Built-in Face Recognition Camera	-	-	2 MP FOV: Horizontal: 75°, Vertical: 139°
Additional Loudspeaker and Keyfob Board	√	√	√
Optional Authentication Mode	Card, face, QR code	Card, face, QR code	Card, face, QR code
Communication Interface	Exit button × 1 USB × 1 Fire alarm input × 1	TCP/IP × 1 Lock control × 2 RS485 × 4 RS232 × 2 Exit button × 8 Alarm out × 2 Wiegand × 4 USB × 1 Fire alarm input × 1 Case input × 2	TCP/IP × 1 RS485 × 2 RS232 × 2 Exit button × 2 Tamper × 2 Alarm out × 4 Wiegand × 2 USB × 2 Fire alarm input × 1 Case input × 2
Safety Detectors	-	2 dToF	2 dToF
Throughput	30 to 60 persons per minute*	30 to 60 persons per minute*	30 to 60 persons per minute*
Capacity	-	500,000 cards (X only) 500,000 events (X only)	200,000 cards 100,000 faces 100,000 events
MCBF	≥ 6 millions	≥ 2 millions	≥ 5 millions
Barrier / Wing Material	Acrylic glass	Acrylic glass	Acrylic glass
Pedestal Material	SUS304 stainless steel with the thickness of 2 mm	SUS304 stainless steel with the thickness of 1 mm	SUS304 stainless steel 1.0 mm
Weight per Pedestal	Net Left: 30 kg Gross Left: 35 kg	Net: 30 kg Gross: 34 kg	Net: 18 kg Gross: 15.5 kg
Lane Width	For pairs mode: 650 to 1,400 mm For single mode: 650 to 900 mm	550 mm to 1,400 mm	550 mm to 1,400 mm
Dimension (L × W × H) per Pedestal	With package: 1,300 mm × 580 mm × 290 mm Without package: 180 mm × 180 mm × 975 mm	With package: 1,160 mm × 565 mm × 300 mm Without package: 1,002 mm × 200 mm × 200 mm	With package: 1,160 mm × 290 mm × 300 mm Without package: 1,054 mm × 200 mm × 200 mm
Working Humidity	10% to 95% (No Condensing)	10% to 95% (No Condensing)	10% to 95% (No Condensing)
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)	-15 °C to 65 °C (5 °F to 149 °F)	-15 °C to 65 °C (5 °F to 149 °F)
Application Environment	Indoor	Indoor	Indoor
Power Consumption	36 W (stand by)	Standby: 20 W Working: 45 W Peak: 95 W	Standby: 20 W Working: 45 W Peak: 95 W
Buzzer	YA30	√	√
Brake	√	-	-

Flap Barriers

Product	 HOT	 NEW
Product Model	DS-K3Y220(L)X Series	DS-K3Y411B(L)X Series
Motor Type	Brushless Motor	Brushless DC Motor
Built in Access Controller	K3Y220X: √ K3Y220LX: -	K3Y411BX: √ K3Y411BLX: -
Additional Loudspeaker and Keyfob Board	N (K3Y220LX) Optional (K3Y220X)	N (K3Y411BLX) Built-in (K3Y411BX only)
Optional Authentication Mode	Card, face	Card, face, QR code, fingerprint
Communication Interface	Exit button × 2 Alarm input × 1 (K3Y220LX) Alarm input × 2 (K3Y220X) TCP/IP × 1 (K3Y220X) Lock control × 2 (K3Y220X) Alarm output × 2 (K3Y220X)	Exit button × 2 Alarm input × 1 TCP/IP × 1 (K3Y411BX) Lock control × 2 (K3Y411BX) RS-232 × 2 (K3Y411BX) RS-485 × 4 (K3Y411BX) Alarm input × 2 (K3Y411BX)
Safety Detectors	4 pairs IR detectors	6 pairs IR detectors
Throughput	20 to 60 persons per minute*	20 to 60 persons per minute*
Capacity	200,000 cards (K3Y220X) 250,000 events (K3Y220X)	500,000 cards (K3Y411BX) 500,000 events (K3Y411BX)
MCBF	≥ 3 millions	≥ 6 millions
Barrier / Wing Material	Acrylic glass	Acrylic glass
Pedestal Material	SUS304 stainless steel 1.0 mm	SUS304 stainless steel 1.2 mm
Lane Width	550 mm	550 mm
Dimension (L × W × H) per Pedestal	With package: 1,300 mm × 245 mm × 1,100 mm Without package: 1,205 mm × 146 mm × 1,000 mm	Without package: 1,206 mm × 315.2 mm × 990 mm With package: 1,340 mm × 415 mm × 1,090 mm
Working Humidity	10% to 95% (No condensing)	0% to 95% (No condensing)
Working Temperature	-30 °C to 65 °C (-4 °F to 149 °F)	-20 °C to 65 °C (-4 °F to 149 °F)
Application Environment	Indoor / Outdoor	Indoor / Outdoor
Power Consumption	75 W (stand by)	Standby: 40 W Working: 80 W Peak: 130 W

Tripod Turnstiles

Product	 NEW	 NEW	 NEW	 NEW	 HOT
Product Model	DS-K36200B(L)X Series	DS-K36411C(L)X Series	DS-K36225(L)X Series	DS-K36501C(L)X Series	DS-K36530(L)X Series
Motor Type	-	-	-	-	Brushless Motor
Built in Access Controller	K36200BX: √ K36200BLX: -	K36411CX: √ K36411CLX: -	K36225X: √ K36225LX: -	K36501CX: √ K36501CLX: -	K36530X: √ K36530LX: -
Additional Loudspeaker and Keyfob Board	-	Optional	Optional	Optional	Optional
Optional Authentication Mode	Card, face, QR code	Card, face, QR code	Card, face, QR code	Card, face, QR code	Card, face, QR code
Communication Interface	K36200BX: TCP/IP × 1 Lock control × 2 Exit button × 2 Alarm in × 1 Alarm out × 2 Case input × 2 K36200BLX: Exit button × 2 Alarm in × 1	K36411CX: TCP/IP × 1 RS485 × 4 RS232 × 2 Lock control × 2 Exit button × 2 Alarm in × 1 Alarm out × 2 Case input × 1 K36411CLX: Exit button × 2 Alarm in × 1	K36225X: TCP/IP × 1 RS485 × 4 RS232 × 2 Lock control × 2 Exit button × 2 Alarm in × 1 Alarm out × 2 Wiegand × 2 K36225LX: Exit button × 2	K36501CX: TCP/IP × 1 RS485 × 4 RS232 × 2 Lock control × 2 Exit button × 2 Alarm in × 1 Alarm out × 2 Wiegand × 2 Case input × 1 K36501CLX: Exit button × 2 Alarm in × 1	K36530X: TCP/IP × 1 RS485 × 4 RS232 × 2 Lock control × 2 Exit button × 2 Alarm in × 1 Alarm out × 2 Wiegand × 2 Case input × 2 K36530LX: Exit button × 2 Alarm in × 1
Throughput	25 to 60 persons per minute*	30 to 60 persons per minute*	25 to 60 persons per minute*	30 to 60 persons per minute*	30 to 60 persons per minute*
Capacity	K36200BX: 500,000 cards, 500,000 events	K36411CX: 500,000 cards 500,000 events	K36225X: 500,000 cards 500,000 events	K36501CX: 500,000 cards 500,000 events	K36530X: 500,000 cards 500,000 events
MCBF	≥ 2 millions	≥ 3 millions	≥ 2 millions	≥ 3 millions	≥ 5 millions
Barrier / Wing Material	Stainless steel pipe	Stainless steel pipe	Stainless steel pipe	Stainless steel pipe	Stainless steel pipe
Pedestal Material	SUS304 stainless steel 1.0 mm	SUS304 stainless steel 1.2 mm	SUS304 stainless steel 1.0 mm and SUS304	SUS304 stainless steel 1.5 mm	SUS304 stainless steel 1.5 mm
Lane Width	550 mm	550 mm	550 mm	550 mm	550 mm
Dimension (L × W × H) per Pedestal	With package: 700 mm × 430 × 1,120 mm Without package: 426 mm × 268 mm × 982.5 mm	With package: 700 mm × 430 mm × 1,140 mm Without package: 502 mm × 202 mm × 1,010 mm	With package: 1,350 mm × 410 mm × 1,120 mm Without package: 1,200 mm × 233 mm × 1,000 mm	With package: 410 mm × 1,180 mm × 1,350 mm Without package: 232 mm × 960 mm × 1,208 mm	With package: 1,660 mm × 510 mm × 1,305 mm Without package: 1,500 mm × 130 mm × 1,002.5 mm
Application Environment	Indoor	Indoor	Indoor / Outdoor	Indoor / Outdoor	Indoor / Outdoor

Note: *The actual throughput is affected by the person passing rate and passing method.

Full-Height Turnstiles			
Product	 HOT	 HOT	 NEW
Product Model	DS-K3H4411 Series	DS-K3H4421 Series	DS-K3H4210(L)X Series
Built in Access Controller	-	-	√ (4210X only)
Additional Loudspeaker and Keyfob Board	-	-	-
Optional Authentication Mode	Card, face	Card, face	Card, face
Communication Interface	Exit button × 2	Exit button × 2	Exit button × 2 (K3H4210X only)
Throughput	30 to 60 persons per minute*	30 to 60 persons per minute*	30 to 60 persons per minute*
Capacity	-	-	200,000 cards 100,000 events
MCBF	≥ 5 millions	≥ 5 millions	≥ 3 millions
Barrier / Wing Material	Stainless steel pipe	Stainless steel pipe	Stainless steel pipe
Pedestal Material	SUS304 stainless steel 1.5 mm Stainless steel pipe 1.2 mm	SUS304 stainless steel 1.5 mm Stainless steel pipe 1.2 mm	SUS304 stainless steel 1.5 mm Stainless steel pipe 1.2 mm
Lane Width	650 mm (25.59")	650 mm (25.59")	600 mm (23.62")
Dimension (L × W × H) per Pedestal	With package: 2,150 mm × 1,500 mm × 1,250 mm Without package: 1,630 mm × 1,550 mm × 2,300 mm	With package: 2,150 mm × 1,500 mm × 1,250 mm 2,550 mm × 1,570 mm × 870 mm Without package: 2,400 mm × 1,550 mm × 2,300 mm	With package: 2,200 mm × 1,010 mm × 700 mm Without package: 1,400 mm × 1,200 mm × 2,250 mm
Working Humidity	10% to 90% (No Condensing)	10% to 90% (No Condensing)	10% to 90% (No Condensing)
Working Temperature	-15 °C to 55 °C (5°F to 131 °F)	-15 °C to 55 °C (5°F to 131 °F)	-15 °C to 55 °C (5°F to 131 °F)
Application Environment	Indoor / Outdoor	Indoor / Outdoor	Indoor / Outdoor
Power Consumption	40 W	80 W	45 W

Gate Opener / Door Operator			
Product	 NEW	 NEW	 NEW
Product Model	DS-K36L606WX Series	DS-K3DW210X/Pull	DS-K3DW211X/Push
Motor Type	DC Brush Motor	Brushless Motor	Brushless Motor
Gate Mass - Maximum	600 kg	Max. 120 kg door weight	Max. 120 kg door weight
Door Width	-	670 mm to 1,200 mm	670 mm to 1,200 mm
MCBF	≥ 0.8 million times	-	-
Open Speed	Up to 36 m/min, @17 Kgf	-	-
Backup Battery	(Battery-driven) 12V 7AH × 2	Optional	Optional
Built in Access Controller	√	-	-
Soft Start & Stop	√	-	-
Reopen	√	√	√
Pedestrian Mode	√	-	-
IR Detector Connection	× 2	√	√
Flashing Light	√	-	-
Keypad Configuration	√	-	-
Buzzer	√	√	√
Communication Interface	TCP/IP × 1 WiFi 3/4G (Optional) Exit button × 2 Tamper × 1 Case input × 2 Alarm output × 2 IR connection × 2	Lock control × 1 Exit button × 1 Door contact × 1 Fire alarm input × 1 RS485 × 1	Lock control × 1 Exit button × 1 Door contact × 1 Fire alarm input × 1 RS485 × 1
Capacity	Card capacity 250,000 Event capacity 500,000	-	-
Keyfob	Support, 433 MHz / 868 MHz, within 200 m (open area) Up to 3,000 pcs	-	-
Power Consumption	Standby: 3 W Working: 280 W Peak: 400 W	Peak: 90 W	Peak: 90 W
Working Temperature	-15 °C to 55 °C (5 °F to 131 °F)	-20 °C to 60°C (-4 °F to 140 °F)	-20 °C to 60°C (-4 °F to 140 °F)
Working Humidity	10% to 95% (No condensing)	0% to 90%	0% to 90%
Protective Level	IPX5	-	-
Dimensions	Without package: 309.72 mm × 225.66 mm × 330 mm With package: 360 mm × 275 mm × 450 mm	Device main body: 552 mm × 80 mm × 60 mm	Device main body: 552 mm × 80 mm × 60 mm
Weight	Net: 7.45 kg Gross: 10 kg	Device main body: 3.5 kg	Device main body: 3.5 kg
Max. Control Channels	3,000	-	-
Open Door Type	-	Pull Type	Push Type
Lock Control	-	√	√
Door Contact Input	-	√	√
Application Environment	Indoor / Outdoor	Indoor	Indoor
Power Supply Method	100 to 240 VAC-, 50/60 Hz	100 to 240 VAC-, 50/60 Hz	100 to 240 VAC-, 50/60 Hz

Note: *The actual throughput is affected by the person passing rate and passing method.

Wireless Alarm System - AX HOME Series

Caring whatever counts

Low maintenance costs

- Reduced power consumption, 90 mA static power consumption
- Low cellular data usage with a total 33% decrease
- OTA supported

Ease of use

- Installation wizard for step-by-step configuration
- Mobile app configuration
- Sliding design for time-saving installation



Wireless Alarm System - AX PRO Series

Simplicity through innovation

Seamless ARC connection

- Wi-Fi, LAN, 2G or 4G automatically switching for seamless connection
- Supports 2 ARC connection for redundancy

Audio + video verification

- Full-duplex intercom for instant communication
- Stay informed with real-time visual verification

Cutting-edge RF tech

- TRI-X & CAM-X working independently, for stable ultra-long distance wireless transmission
- Extended transmission distance with great reliability, up to 2,000 m



Hybrid Alarm System – AX HYBRID PRO^{G2} Series

Simplicity through innovation

Safe & secure

- EN 50131 certificated
- Up to 12 h backup battery in case of emergency
- Tamper-proof against sabotage

Flexible installation & operation

- Modular design for extended flexibility
- Dual-bus design for more flexible connection
- Mobile app & web configuration

Advanced Bus Tech

- Supports up to 7,500 km transmission distance
- HD images and 7s video verification delivery
- Two Bus modes adapted to different applications



Wireless Control Panel - AX BATT Series

Image	 AX BATT
Model	DS-PA202PS-16WE DS-PA202PS-16WB
Frequency	WE: 868 MHz WB: 433 MHz
Transmission Range (Free Space)	Up to 2,000 m (868 MHz) Up to 1,200 m (433 MHz)
Wireless Zones	16
Wireless Keypads	4
Wireless Sounders	4
Logs	1,000
Admin	1
Wireless PIRCAMs	10
SIM Slots	1
Indication Method	LED
SD Card	TF Card × 1
Mains Power	12 V 500 mA
Built-in Backup Battery	✓
Power Consumption	Max. current: 0.2 A Quiescent current: 90 mA
Battery Life	Up to 1 years at normal temperature with LR20 battery. Up to 3 years at normal temperature with LSH20 battery. (The battery working time can be significantly reduced at low temperatures)
SIM Slots	1
Upgrade OTA	✓
Dimension (W × H × D)	164.81 × 164.81 × 50.6 mm
Weight	410 g
Operation Temperature	-10 °C to 55 °C
Operation Humidity	10% to 90%
Shell Material	Plastic

Wireless PIRCAM - AX BATT Series

Image	 AX BATT
Model	DS-PDPC12PF-E62-WE(B) UHK DS-PDPC12PF-E62-WB(B) UHK
Transmission Technology	CAM-X Wireless
Transmission Frequency	WE: 868 MHz WB: 433 MHz
Transmission Range (Free Space)	800 m
Detection Range	12 m
Sensitivity	Auto, High, Pet
Pet Immunity	30 kg
Digital Temperature Compensation	✓
Creep Zone Protection	✓
Environment Temperature Indicator	✓
Signal Strength Indicator	✓
Camera Field Angle	88.4°(H), 68°(V)
Image Type	JPEG
Resolution	640 × 480, 320 × 240, 160 × 120
Fill Light	White Light
Day/Night Switch	Color
Standard Battery Life	Up to 6 years (standby time)
Power Supply	Battery powered
Battery Type	CR123A × 3
Typical Voltage	3 V
Operation Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Weight	220 g
Mounting Height	1.8 m to 2.4 m
Mounting Method	Wall
Application Scenario	Indoor
Bracket	Optional wall & ceiling accessory

Wireless Double PIRCAM - AX BATT Series

Image	 AX BATT
Model	DS-PDPC18-HM-WEUHK DS-PDPC18-HM-WBUHK
Transmission Technology	CAM-X Wireless
Transmission Frequency	WE: 868 MHz WB: 433 MHz
Transmission Range (Free Space)	800 m
Detection Method	Passive infrared, video verification
Detection Range	18 m
Detection Angle	90°
Sensitivity	Auto, High, Low
Pet Immunity	24 kg
Digital Temperature Compensation	✓
Environment Temperature Indicator	✓
Signal Strength Indicator	✓
Camera Field Angle	113°(H), 60°(V)
Image Type	JPEG
Resolution	640 × 480, 320 × 240, 160 × 120
Fill Light	Infrared Light
Fill Range	12 m
Day/Night Switch	Color/Black & White
Standard Battery Life	Up to 3 years at normal temperature (The battery working time can be significantly reduced at low temperatures)
Power Supply	Battery powered
Battery Type	CR123A × 4
Typical Voltage	3 V
Operation Temperature	-25 °C to 60 °C (-13 °F to 140 °F)
Dimension (W × H × D)	67.6 mm × 193.4 mm × 65 mm
Weight	500 g
Mounting Height	2.5 m to 3 m high mount 0.8 m to 1.2 m low mount
Mounting Method	Wall
Application Scenario	Outdoor
Bracket	Adjustment bracket included

Wireless Double PIRCAM - AX BATT Series

Product	 AX BATT
Product Model	DS-PDP15P-E62-WE(B)UHK DS-PDP15P-E62-WB(B)UHK
Transmission Technology	Tri-X Wireless
Transmission Frequency	WE: 868 MHz WB: 433 MHz
Transmission Range (Free Space)	Up to 1,600 m (868 MHz) Up to 1,200 m (433 MHz)
Detection Method	Passive Infrared
Detection Range	15 m
Detection Angle	90°
Sensitivity	Auto, High, Pet
Pet Immunity	30 kg
Digital Temperature Compensation	✓
Creep Zone Protection	✓
Environment Temperature Indicator	✓
Signal Strength Indicator	✓
Standard Battery Life	Up to 5 years (standby time)
Power Supply	Battery powered
Battery Type	CR123A × 1
Typical Voltage	3 V
Operation Temperature	-10°C to 55°C (14 °F to 131 °F)
Dimension (W × H × D)	65.5 mm × 103 mm × 48.5 mm
Weight	128 g
Mounting Height	1.8 m to 2.4 m
Mounting Method	Wall
Application Scenario	Indoor

Wireless Keypad – AX BATT Series

Product	 NEW AX BATT	 NEW AX BATT
Product Model	DS-PK1-E-WEUHK DS-PK1-E-WBUHK	DS-PK1-LT-WE(B)UHK DS-PK1-LT-WB(B)UHK
Transmission Frequency	WE: 868 MHz WB: 433 MHz	WE: 868 MHz WB: 433 MHz
Transmission Range (Free Space)	Up to 1,200 m (868 MHz) Up to 900 m (433 MHz)	Up to 1,200 m (868 MHz) Up to 900 m (433 MHz)
Battery Type	Four AA batteries	Four CR123 batteries
Power Supply	Battery Supply	Battery Supply
Operation Temperature	-10 °C to 55 °C (-4 °F to +122 °F)	-10 °C to 55 °C (-4 °F to +122 °F)
Battery Life Span	Up to 2 years (standby time)	Up to 3 years (standby time)
Installation Method	Screw mounting	Screw mounting
Dimension (WxHxD)	140 mm × 86 mm × 22 mm	174.63 mm × 109.62 mm × 25.25 mm
Weight	151 g without battery	348 g (without battery)

Wireless Magnetic Contact – AX BATT Series

Product	 NEW AX BATT
Product Model	DS-PDMC-E62-WE(B)UHK DS-PDMC-E62-WB(B)UHK
Transmission Technology	Tri-X Wireless
Transmission Frequency	WE: 868 MHz WB: 433 MHz
Transmission Range (Free Space)	Up to 1,600 m (868 MHz) Up to 1,200 m (433 MHz)
Detection Method	Opening contact
Detection Gap	43 mm max.
Tamper Protection	Front,Rear
Environment Temperature Indicator	√
Signal Strength Indicator	√
Alarm Input	Normally Closed, Normally Open, Impulse Count
Power Switch	Power up enrolling
LED Indicator	Blue (alarm)
Standard Battery Life	Up to 5 years (standby time)
Power Supply	Battery powered
Battery Type	CR123A × 1
Typical Voltage	3 V
Operation Temperature	-10°C to 55°C (14°F to 131°F)
Dimension (W × H × D)	24 mm × 104 mm × 24.4 mm 13 mm × 34.4 mm × 11.4 mm
Weight	59 g
Application Scenario	Indoor

Wireless Sounder – AX BATT Series

Product	 NEW AX BATT	 NEW AX BATT
Product Model	DS-PS1-I-WE(B)UHK DS-PS1-I-WB(B)UHK	DS-PS1-E-WEUHK DS-PS1-E-WBUHK
Transmission Technology	Tri-X Wireless	Tri-X Wireless
Transmission Frequency	WE: 868 MHz WB: 433 MHz	WE: 868 MHz WB: 433 MHz
Transmission Range (Free Space)	Up to 1,600 m (868 MHz) Up to 900 m (433 MHz)	Up to 1,600 m (868 MHz) Up to 900 m (433 MHz)
Installation	Wall mounting	Wall mounting
Sounder Output	110 dB	110 dB
Piezo Sounder	√	√
LED Strobe	Blue or red	√
Signal Strength Indicators	√	√
Battery Life Span	Up to 3 years (standby time)	Up to 3 years (standby time)
Dimension (W × H × D)	88 mm × 88 mm × 32 mm	190 mm × 200 mm × 47.3 mm
Shell Material	PC+ABS	PC+ABS
Weight	169.5 g	606.5 g
IP Rating	-	IP65

Wireless Control Panel – AX HOME Series

Product	 AX HOME	 AX HOME	 AX HOME	 AX HOME	 AX HOME	 AX HOME
Product Model	DS-PA201P-32WE DS-PA201PG-32WE DS-PA201PS-32WE	DS-PA201P-32WB DS-PA201PG-32WB DS-PA201PS-32WB	DS-PA201P-32WA DS-PA201PS-32WA	DS-PA201P-16WE DS-PA201PG-16WE DS-PA201PS-16WE	DS-PA201P-16WB DS-PA201PG-16WB DS-PA201PS-16WB	DS-PA201P-16WA DS-PA201PS-16WA
Frequency	868 MHz	433 MHz	915 MHz	868 MHz	433 MHz	915 MHz
Transmission Range	2,000 m	1,200 m	2,000 m	2,000 m	1,200 m	2,000 m
ARC	1	1	1	1	1	1
Installer	3	3	3	3	3	3
User	12	12	12	12	12	12
Areas	8	8	4	4	4	4
Wireless Zones	32	32	16	16	16	16
Wireless Keypads	4	4	4	4	4	4
Wireless Sounders	4	4	4	4	4	4
Admin	1	1	1	1	1	1
Logs	1,000	1,000	1,000	1,000	1,000	1,000
Wireless Keyfobs	16	16	16	16	16	16
Communication	- P: Wi-Fi only - PG: Wi-Fi + 2G - PS: Wi-Fi + 4G LAN optional	- P: Wi-Fi only - PG: Wi-Fi + 2G - PS: Wi-Fi + 4G LAN optional	- P: Wi-Fi only - PG: Wi-Fi + 2G - PS: Wi-Fi + 4G LAN optional	- P: Wi-Fi only - PG: Wi-Fi + 2G - PS: Wi-Fi + 4G LAN optional	- P: Wi-Fi only - PG: Wi-Fi + 2G - PS: Wi-Fi + 4G LAN optional	- P: Wi-Fi only - PG: Wi-Fi + 2G - PS: Wi-Fi + 4G LAN optional
Protocol	SIA-DCS*/SIA-DCS/ADM-CID*/ADM-CID OTAP Other proprietary protocols	SIA-DCS*/SIA-DCS/ADM-CID*/ADM-CID OTAP Other proprietary protocols	SIA-DCS*/SIA-DCS/ADM-CID*/ADM-CID OTAP Other proprietary protocols	SIA-DCS*/SIA-DCS/ADM-CID*/ADM-CID OTAP Other proprietary protocols	SIA-DCS*/SIA-DCS/ADM-CID*/ADM-CID OTAP Other proprietary protocols	SIA-DCS*/SIA-DCS/ADM-CID*/ADM-CID OTAP Other proprietary protocols
Mains Power	110-240 V~, 50/60 Hz	110-240 V~, 50/60 Hz	110-240 V~, 50/60 Hz	110-240 V~, 50/60 Hz	110-240 V~, 50/60 Hz	110-240 V~, 50/60 Hz
Power Consumption	Max current: 0.2 A quiescent current: 90 mA	max current: 0.2 A quiescent current: 90 mA	max current: 0.2 A quiescent current: 90 mA	max current: 0.2 A quiescent current: 90 mA	max current: 0.2 A quiescent current: 90 mA	max current: 0.2 A quiescent current: 90 mA
Built-in Backup Battery	√	√	√	√	√	√
Battery Life	Up to 12 hours at normal temperature (The battery working time can be significantly reduced at low temperatures)	Up to 12 hours at normal temperature (The battery working time can be significantly reduced at low temperatures)	Up to 12 hours at normal temperature (The battery working time can be significantly reduced at low temperatures)	Up to 12 hours at normal temperature (The battery working time can be significantly reduced at low temperatures)	Up to 12 hours at normal temperature (The battery working time can be significantly reduced at low temperatures)	Up to 12 hours at normal temperature (The battery working time can be significantly reduced at low temperatures)
Dimension (W × H × D)	165 mm × 165 mm × 37.5 mm	165 mm × 165 mm × 37.5 mm	165 mm × 165 mm × 37.5 mm	165 mm × 165 mm × 37.5 mm	165 mm × 165 mm × 37.5 mm	165 mm × 165 mm × 37.5 mm
Weight	400 g	400 g	400 g	400 g	400 g	400 g
Operation Temperature	-10 °C to 55 °C	-10 °C to 55 °C	-10 °C to 55 °C	-10 °C to 55 °C	-10 °C to 55 °C	-10 °C to 55 °C

Wireless PIR - AX HOME Series

Product	 AX HOME
Product Model	DS-PD201P10-WE DS-PD201P10-WB DS-PD201P10-WA
Frequency	WE: 868 MHz WB: 433 MHz WA: 915 MHz
Transmission Range	1,600 m (868 MHz & 915 MHz) 1,200 m (433 MHz)
Maximum Effective Radiated Power (ERP)	25 mW max.
Detection Method	Passive infrared
Detection Range	10 m
Detection Angle	90°
Sensitivity	High, Auto, Low
Pet Immunity	24 kg at low sensitivity
Temperature Indicator	√
Power Supply	2 × AA batteries
Battery Life	Up to 2 years (standby time)
Installation Method	Indoors
Installation Height	2 m to 2.4 m
Operation Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Dimension (W × H × D)	62 mm × 93 mm × 41.5 mm
Weight	71.5 g
Mounting Height	2.0 m - 2.4 m
Mounting Method	Wall
Bracket	Optional wall & ceiling brackets, sold separately
Application Scenario	Indoor

Wireless PIRCAM - AX HOME Series

Product	 AX HOME
Product Model	DS-PD201PC10-WE DS-PD201PC10-WB DS-PD201PC10-WA
Frequency	WE: 868 MHz WB: 433 MHz WA: 915 MHz
Transmission Range	1,000 m (868 MHz & 915 MHz) 800 m (433 MHz)
Detection Method	Passive infrared
Detection Range	10 m
Detection Angle	90°
Sensitivity	High, Auto, Low
Pet Immunity	24 kg at low sensitivity
Signal Strength Indicator	√
Field Angle	90°(H), 70°(V)
Image Type	JPEG
Resolution	160 × 120; 320 × 240
Standard Battery Life	Up to 2 years (standby time)
Battery Type	AA Alkaline Battery × 4
Typical Voltage	3 V
Operation Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Dimension (WxHxD)	65.6 mm × 104 mm × 50.7 mm
Weight	120 g
Mounting Height	2.0 - 2.4 m
Mounting Method	Wall
Application Scenario	Indoor

Wireless Magnetic Contact - AX HOME Series

Product	 AX HOME
Product Model	DS-PD201MC-WE DS-PD201MC-WB DS-PD201MC-WA
Frequency	WE: 868 MHz WB: 433 MHz WA: 915 MHz
Transmission Range	1,600 m (868 MHz & 915 MHz) 1,200 m (433 MHz)
Detection Method	Opening Contact
Detection Gap	25 mm max.
Temperature Indicator	√
Indication Method	LED
Power Supply	1 × AA battery
Power Consumption	Max current: 140 mA, quiescent current: 1 uA
Battery Life	Up to 2 years (standby time)
Dimension (W × H × D)	24 mm × 104 mm × 23.5 mm; 14.4 mm × 50.0 mm × 17.5 mm
Weight	49 g
Operation Temperature	-10 °C to 55 °C (14 °F to 131 °F)

Wireless Keypad - AX HOME Series

Product	 AX HOME
Product Model	DS-PK201B-WE DS-PK201B-WB DS-PK201B-WA
Frequency	WE: 868 MHz WB: 433 MHz WA: 915 MHz
Transmission Range	1,600 m (868 MHz & 915 MHz) 1,000 m (433 MHz)
Temperature Indicator	✓
Indication Method	Buzzer and LED
User Passcode	✓
Protection Against Code Guessing	✓
Duress Code	✓
Power Supply	4 × AA batteries
Power Consumption	Max current: 190 mA, quiescent current: 30 uA
Battery Life	Up to 2 years (standby time)
Operation Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Dimension (W × H × D)	96 mm × 96 mm × 26.3 mm
Weight	127 g

Wireless Keyfob - AX HOME Series

Product	 AX HOME
Product Model	DS-PKF201-WE DS-PKF201-WB DS-PKF201-WA
Frequency	WE: 868 MHz WB: 433 MHz WA: 915 MHz
Transmission Range	900 m (868 MHz & 915 MHz) 500 m (433 MHz)
Number of Buttons	Four buttons
Configuration of Buttons	I key II key
Power Supply	1 × CR2032 battery
Power Consumption	Max current: 40 mA, quiescent current: 0.4 uA
Battery Life	Up to 2 years (standby time)
Operation Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Dimension (W × H × D)	35 mm × 64 mm × 11.2 mm
Weight	15 g

Wireless Sounder - AX HOME Series

Product	 AX HOME
Product Model	DS-PS201-WE DS-PS201-WB DS-PS201-WA
Frequency	WE: 868 MHz WB: 433 MHz WA: 915 MHz
Transmission Range	1,600 m (868 MHz & 915 MHz) 1,200 m (433 MHz)
Indication Method	Acoustic and LED
Sound Volume Level	Adjustable, 80–95 dB at a distance of 1 m
Alarm Duration	Adjustable, 10 s–15 min
Power Supply	4 × AA batteries
Power Consumption	Max. current: 400 mA, quiescent current: 35 uA
Battery Life	Up to 2 years (standby time)
Operation Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Dimension (W × H × D)	93 mm × 93 mm × 33.7 mm

Wireless Control Panel – AX PRO Series

Product	 AX PRO	 AX PRO	 AX PRO	 AX PRO	 AX PRO
Product Model	DS-PWA48-E-WB	DS-PWA64-L-WE DS-PWA64-L-WB	DS-PWA96-M-WE DS-PWA96-M-WB	DS-PWA96-M2-WE DS-PWA96-M2-WB	DS-PWA96-M2H-WE DS-PWA96-M2H-WB
Frequency	WB: 433 MHz	WE: 868 MHz WB: 433 MHz	WE: 868 MHz WB: 433 MHz	WE: 868 MHz WB: 433 MHz	WE: 868 MHz WB: 433 MHz
Transmission Range	2,000 m (868 MHz) 1,200 m (433 MHz)	2,000 m (868 MHz) 1,200 m (433 MHz)	2,000 m (868 MHz) 1,200 m (433 MHz)	2,000 m (868 MHz) 1,200 m (433 MHz)	2,000 m (868 MHz) 1,200 m (433 MHz)
Wireless Tag Reader & Keypad	8	8	8	8	8
Wired Input	-	-	-	-	16
Wired Outputs	-	-	-	-	2
PowerOutputs	-	-	-	-	2 (12 V, total 1 A)
Wireless Input / Output	48	64	96	96	96
PIRCAM	48	48	48	48	48
Wireless Keyfob	16	32	48	48	48
Wireless Sounder	4	4	6	6	6
Ethernet	√	√	√	√	√
Wi-Fi	√	√	√	√	√
GPRS on Board	-	√	-	-	-
3/4G on Board	-	-	√	√	√
SIM Slot	-	Single	Dual	Dual	Dual
SMS Notification	√	√	√	√	√
Alarm Voice Call	√	√	√	√	√
ARC Protocol	SIA DC09, ISUP, ISAPI (SDK)SIA level 2, Contact ID	SIA DC09, ISUP, ISAPI (SDK)SIA level 2, Contact ID	SIA DC09, ISUP, ISAPI (SDK)SIA level 2, Contact ID	SIA DC09, ISUP, ISAPI (SDK)SIA level 2, Contact ID	SIA DC09, ISUP, ISAPI (SDK)SIA level 2, Contact ID
Remote Programming Software	Covengense cloud/Hik-central/ Hik-ProConnect	Covengense cloud/Hik-central/ Hik-ProConnect	Covengense cloud/Hik-central/ Hik-ProConnect	Covengense cloud/Hik-central/ Hik-ProConnect	Covengense cloud/Hik-central/ Hik-ProConnect
Voice Prompt	1-CH loudspeaker	1-CH loudspeaker	1-CH loudspeaker	1-CH loudspeaker	1-CH loudspeaker
Tamper Switch	√	√	√	√	√
Power Supply	Built-in power supply	Built-in power supply	Built-in power supply	Built-in power supply	Built-in power supply
Backup Battery	Lithium battery	Lithium battery	Lithium battery	12 V 7Ah Storage battery	12 V 7 Ah Storage battery

Wireless PIRCAM – AX PRO Series

Product		
	AX PRO	AX PRO
Product Model	DS-PDPC12P-E62-WE(B) DS-PDPC12P-E62-WB(B)	DS-PDPC12PF-E62-WE(B) DS-PDPC12PF-E62-WB(B)
Frequency	WE: 868 MHz WB: 433 MHz	WE: 868 MHz WB: 433 MHz
Transmission Range	800 m	800 m
Detection Method	Passive infrared	Passive infrared
Detection Range	12 m	12 m
Detection Angle	90°	90°
Sensitivity	High; Auto; Pet	High; Auto; Pet
Pet Immunity	30 kg	30 kg
Digital Temperature Compensation	✓	✓
Creep Zone Protection	✓	✓
Signal Strength Indicator	✓	✓
Field Angle	88°(H), 68°(V)	88°(H), 68°(V)
Image Type	JPEG	JPEG
Resolution	160 × 120; 320 × 240; 640 × 480	160 × 120; 320 × 240; 640 × 480
Fill Light	Infrared light	White light
Day/Night Switch	Black & white	Color
Transmission Technology	CAM-X wireless	CAM-X wireless
Standard Battery Life	6 years in work status (being triggered every week and completely uploading captures twice)	6 years in work status (being triggered every week and completely uploading captures twice)
Power Supply	Battery powered	Battery powered
Battery Type	CR123A × 3	CR123A × 3
Typical Voltage	3 V	3 V
Operation Temperature	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)
Dimension (W × H × D)	72.2 mm × 120.5 mm × 56.7 mm	72.2 mm × 120.5 mm × 56.7 mm
Weight	210 g	220 g
Mounting Height	1.8 m to 2.4 m	1.8 m to 2.4 m
Mounting Method	Wall	Wall
Application Scenario	Indoor	Indoor
Bracket	Optional wall & ceiling accessory	Optional wall & ceiling accessory

Wireless PIR-Glass Break Detector – AX PRO Series

Product	
	AX PRO
Product Model	DS-PDP612P-E62-WE DS-PDP612P-E62-WB
Frequency	WE: 868 MHz WB: 433 MHz
Transmission Range	1,600 m (868 MHz) 1,000 m (433 MHz)
Detection Method	Passive Infrared; Acoustic Sensor
Detection Range	12 m
Detection Angle	85.9°
Pet Immunity	30 kg
PIR Sensitivity	Auto, High, Pet
Glass Break Range	8 m
Glass Type	Float; Plate; Tempered; Wired; Laminated Leaded; Double Glazing
Glass Break Sensitivity	2 m, 4 m, 6 m, 8 m
Creep Zone Protection	✓
Tamper Protection	Front; Rear
Environment Temperature Indicator	✓
Signal Strength Indicator	✓
LED Indicator	Green (PIR), Red (BG), Blue (Alarm)
Transmission Technology	Tri-X wireless
Standard Battery Life	4 years in work status (being triggered 20 times per day)
Power Supply	Battery powered
Battery Type	CR123A × 2
Typical Voltage	3 V
Operation Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Dimension (W × H × D)	65.5 mm × 103 mm × 48.5 mm
Weight	134 g
Mounting Height	1.8 m to 2.4 m
Mounting Method	Wall
Application Scenario	Indoor
Bracket	Optional wall & ceiling accessory

Wireless Motion Detector – AX PRO Series

Product	 AX PRO	 AX PRO	 AX PRO	 AX PRO	 AX PRO	 AX PRO
Product Model	DS-PDP15P-EG2-WE(B) DS-PDP15P-EG2-WB(B)	DS-PDC15-EG2-WE(B) DS-PDC15-EG2-WB(B)	DS-PDD12P-EG2-WE DS-PDD12P-EG2-WB	DS-PDCL12-EG2-WE DS-PDCL12-EG2-WB	DS-PDC10AM-EG2-WE DS-PDC10AM-EG2-WB	DS-PD115AM-LM-WE DS-PD115AM-LM-WB
Frequency	WE: 868 MHz WB: 433 MHz	WE: 868 MHz WB: 433 MHz	WE: 868 MHz WB: 433 MHz	WE: 868 MHz WB: 433 MHz	WE: 868 MHz WB: 433 MHz	WE: 868 MHz WB: 433 MHz
Transmission Range	1,600 m (868 MHz) 1,200 m (433 MHz)	1,600 m (868 MHz) 1,200 m (433 MHz)	1,600 m (868 MHz) 1,200 m (433 MHz)	1,600 m (868 MHz) 1,000 m (433 MHz)	1,600 m (868 MHz) 1,000 m (433 MHz)	1,600 m (868 MHz) 1,000 m (433 MHz)
Detection Method	Passive Infrared	Passive Infrared	Passive Infrared; Microwave	Passive Infrared	Passive Infrared	Passive Infrared; Microwave
Detection Range	15 m	15 m	12 m	12 m	Wall Mount:10m Ceiling Mount:5m	15 m
Detection Angle	85.9°	6.3°	85.9°	360°	5°	90° @ 180° adjustable
PIR Sensitivity	High; Auto; Pet	-	High; Auto; Pet	Auto; Low	Auto; Pet	Auto; Low
Pet Immunity	30 Kg	-	30 Kg	-	Wall Mount:12 Kg Ceiling Mount:None	40 Kg
Digital Temperature Compensation	√	√	√	√	√	√
Creep Zone Protection	√	√	√	√	√	√
Environment Temperature Indicator	√	√	√	√	√	√
Signal Strength Indicator	√	√	√	√	√	√
Transmission Technology	Tri-X wireless	Tri-X wireless	Tri-X wireless	Tri-X wireless	Tri-X wireless	Tri-X wireless
Standard Battery Life	5 years in work status (being triggered 20 times per day)	5 years in work status (being triggered 20 times per day)	5 years in work status (being triggered 20 times per day)	5 years in work status (being triggered 20 times per day)	5 years in work status (being triggered 20 times per day)	5 years in work status (Standalone:being triggered 20 times per day) (With camera integrat
Power Supply	Battery powered	Battery powered	Battery powered	Battery powered	Battery powered	Battery powered
Battery Type	CR123A × 1	CR123A × 1	CR123A × 2	CR123A × 1	CR123A × 2	CR123A × 5
Typical Voltage	3 V	3 V	3 V	3 V	3 V	3 V
Operation Temperature	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 40 °C (14 °F to 104 °F)	-25 °C to 60 °C (-13 °F to 140 °F)	-25 °C to 60 °C (-13 °F to 140 °F)
Dimension (W × H × D)	65.5 mm × 103 mm × 48.5 mm	65.5 mm × 103 mm × 48.5 mm	65.5 mm × 103 mm × 48.5 mm	φ101.2 mm × 32.9 mm	29.2 mm × 134.4 mm × 39.5 mm	75 mm × 202 mm × 73 mm
Weight	128 g	128 g	141 g	109.5 g	118.5 g	600 g
Mounting Height	1.8 m to 2.4 m	2.4 m to 3.6 m	1.8 m to 2.4 m	2.4 m to 4 m	2 m to 3.5 m	1.8 m to 1.2 m
Mounting Method	Wall	Wall	Wall	Ceiling	Wall, Ceiling	Wall
Application Scenario	Indoor	Indoor	Indoor	Indoor	Indoor, outdoor	Indoor
Bracket	Optional wall & ceiling accessory	Optional wall & ceiling accessory	Optional wall & ceiling accessory	-	L-shaped adapter included	-

Wireless Motion Detector - AX PRO Series

Product	 AX PRO HOT	 AX PRO	 AX PRO HOT	 AX PRO NEW
	DS-PDCM15PF-IR	DS-PDP18-HM-WE DS-PDP18-HM-WB	DS-PDQP15AM-LM-WE DS-PDQP15AM-LM-WB	DS-PDPC18-HM-WE DS-PDPC18-HM-WB
Frequency	-	WE: 868 MHz WB: 433 MHz	WE: 868 MHz WB: 433 MHz	WE: 868 MHz WB: 433 MHz
Transmission Range	-	1,600 m (868 MHz) 1,200 m (433 MHz)	1,600 m (868 MHz) 1,200 m (433 MHz)	1,600 m (868 MHz) 1,200 m (433 MHz)
Detection Method	Video Verification	Passive Infrared	Passive Infrared	Passive Infrared
Detection Range	15 m	18 m	15 m	18 m
Detection Angle	137.2°(H), 80.1°(V)	90°	180°	90°
PIR Sensitivity	-	Auto,Pet	Auto;Low	High;Auto;Low
Pet Immunity	-	24 Kg	Up to 40 kg (cm height)	24 Kg
Digital Temperature Compensation	-	√	√	√
Creep Zone Protection	-	√	-	-
Environment Temperature Indicator	-	√	√	√
Signal Strength Indicator	-	√	√	√
Transmission Technology	Cam-X wireless	Tri-X wireless	Tri-X wireless	Tri-X wireless
Standard Battery Life	-	Up to 5 years (standby time)	Up to 5 years (standby time) (The battery working time can be significantly reduced at low temperatures)	Up to 3 years at normal temperature (The battery working time can be significantly reduced at low temperatures)
Power Supply	-	Battery powered	Battery powered	Battery powered
Battery Type	-	CR123A × 2	CR123A × 5	CR123A × 4
Typical Voltage	3 V	3 V	3 V	3 V
Operation Temperature	-25 °C to 60 °C (-13 °F to 140 °F)	-25 °C to 60 °C (-13 °F to 140 °F)	-25 °C to 60 °C (-13 °F to 140 °F)	-25 °C to 60 °C (-13 °F to 140 °F)
Dimension (W × H × D)	74.1 mm × 72.35 mm × 53 mm	67.3 mm × 141.6 mm × 60 mm	75 mm × 202 mm × 73 mm	67.6 mm × 193.4 mm × 65 mm
Weight	155 g	301 g	512.5 g	500 g
Resolution	640 × 480; 320 × 240; 160 × 120	-	-	160 × 120; 320 × 240; 640 × 480
Mounting Height	1.8 m to 1.2 m	2.5 to 3 m high mount 0.8 to 1.2 m low mount	0.8 - 1.2 m	2.5 to 3 m high mount 0.8 to 1.2 m low mount
Mounting Method	Wall	Wall	Wall	Wall
Application Scenario	Indoor	Indoor; Outdoor	Outdoor	Indoor; Outdoor
Bracket	-	Adjustment bracket included	-	Adjustment bracket included

Wireless Panic Button – AX PRO Series

Product	 AX PRO	 AX PRO	 AX PRO	 AX PRO
Product Model	DS-PDEBP1-E62-WE DS-PDEBP1-E62-WB	DS-PDEBP2-E62-WE DS-PDEBP2-E62-WB	DS-PDEB1-E62-WE(B) DS-PDEB1-E62-WB(B)	DS-PDEB2-E62-WE(B) DS-PDEB2-E62-WB(B)
Frequency	WE: 868 MHz WB: 433 MHz	WE: 868 MHz WB: 433 MHz	WE: 868 MHz WB: 433 MHz	WE: 868 MHz WB: 433 MHz
Transmission Range	1,000 m (868 MHz) 800 m (433 MHz)	1,000 m (868 MHz) 800 m (433 MHz)	1,000 m (868 MHz) 800 m (433 MHz)	1,000 m (868 MHz) 800 m (433 MHz)
Environment Temperature Indicator	-	-	✓	✓
Signal Strength Indication	✓	✓	✓	✓
Wireless Technology	Tri-X wireless	Tri-X wireless	Tri-X wireless	Tri-X wireless
Battery Type	CR2032 × 1 (Included)	CR2032 × 1 (Included)	CR2032 × 1 (Included)	CR2032 × 1 (Included)
Battery Life Span	3 years in work status (being triggered 20 times per day)	3 years in work status (being triggered 20 times per day)	3 years in work status (being triggered 20 times per day)	3 years in work status (being triggered 20 times per day)
Power Supply	Battery powered	Battery powered	Battery powered	Battery powered
Typical Voltage	3 V	3 V	3 V	3 V
Dimension (W × H × D)	φ38 × 12 mm	φ38 × 12 mm	63.8 mm × 63.8 mm × 17.9 mm	63.8 mm × 63.8 mm × 17.9 mm
Weight	130.5 g	130.5 g	450.5 g	450.5 g
Operation Temperature	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)
Application Scenario	Outdoor	Outdoor	Outdoor	Outdoor
Mounting Method	Portable	Portable	Wall	Wall

Wireless Smoke Detector – AX PRO Series

Product	 AX PRO	 AX PRO
Product Model	DS-PD451SMK-WE DS-PD451SMK-WB	DS-PD452SMK-WE DS-PD452SMK-WB
Frequency	WE: 868 MHz WB: 433 MHz	WE: 868 MHz WB: 433 MHz
Transmission Range	1,000m (868 MHz) 800 m (433 MHz)	1,000m (868 MHz) 800 m (433 MHz)
Detection Method	Smoke+heat	Smoke+heat+CO
Environment Temperature Indicator	✓	✓
Signal Strength Indicator	✓	✓
Buzzer	≥ 85dB @ 3 m	≥ 85dB @ 3 m
Typical Voltage	3 V	3 V
Operation Temperature	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)
Dimension (W × H × D)	125 mm × 39 mm (4.9" × 1.5")	125 mm × 39 mm (4.9" × 1.5")
Weight	251 g	251 g
Mounting Method	Ceiling	Ceiling
Application Scenario	Indoor	Indoor
Standard Battery Life	5 years	5 years
Battery Type	Battery CR123A	Battery CR123A

Wireless Water Leak Detector - AX PRO Series

Product	 AX PRO
Product Model	DS-PDWL-E-WE DS-PDWL-E-WB
Frequency	WE: 868 MHz WB: 433 MHz
Transmission Range	1,200 m (868 MHz) 1,000 m (433 MHz)
Detection Method	Water leak detection
Environment Temperature Indicator	√
Signal Strength Indicator	√
Power Supply	Battery powered
Battery Type	CR2450 × 1
Standard Battery Life	3 years in work status (being triggered 20 times per day)
Operation Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Dimension (WxHxD)	62.4 mm × 62.4 mm × 14.6 mm
Weight	850.5 g
Mounting Method	Wall; Surface
Application Scenario	Indoor

Wireless Magnetic Contact - AX PRO Series

Product	 AX PRO	 AX PRO	 AX PRO
Product Model	DS-PDMCS-E62-WE(B) DS-PDMCS-E62-WB(B)	DS-PDMC-E62-WE(B) DS-PDMC-E62-WB(B)	DS-PDMCX-E-WE DS-PDMCX-E-WB
Frequency	WE: 868 MHz WB: 433 MHz	WE: 868 MHz WB: 433 MHz	WE: 868 MHz WB: 433 MHz
Transmission Range	1,200 m (868 MHz) 1,000 m (433 MHz)	1,200 m (868 MHz) 1,000 m (433 MHz)	1,200 m (868 MHz) 1,000 m (433 MHz)
Detection Method	Opening Contact	Opening Contact	Opening Contact
Detection Gap	52 mm max.	43 mm max.	76 mm max.
Environment Temperature Indicator	√	√	√
Signal Strength Indicator	√	√	√
Alarm Input	-	Normally Closed; Normally Open; Impulse Count	Normally Closed; Normally Open; Impulse Count
Power Switch	Power Up Enrolling	Power Up Enrolling	Power Up Enrolling
LED Indicator	Blue (Alarm)	Blue (Alarm)	Blue (Alarm)
Transmission Technology	Tri-X Wireless	Tri-X Wireless	Tri-X Wireless
Standard Battery Life	3 years in work status (being triggered 20 times per day)	5 years in work status (being triggered 20 times per day)	5 years in work status (being triggered 20 times per day)
Power Supply	Battery powered	Battery Powered	Battery Powered
Battery Type	CR2450 × 1	CR123A × 1	CR123A × 1
Typical Voltage	3 V	3 V	3 V
Operation Temperature	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)
Dimension (WxHxD)	29 mm × 69 mm × 10 mm 14 mm × 69 mm × 10 mm	22.5 mm × 103 mm × 23.2 mm 13 mm × 34.4 mm × 11.4 mm	40.5 mm × 146 mm × 40.9 mm 30.5 mm × 146 mm × 40.9 mm
Weight	38 g	59 g	247 g
Application Scenario	Indoor	Indoor	Outdoor

Wireless Magnet-Shock Detector – AX PRO Series

Product	 AX PRO
Product Model	DS-PDMCK-E62-WE(B) DS-PDMCK-E62-WB(B)
Frequency	WE: 868 MHz WB: 433 MHz
Transmission Range	1,200 m (868 MHz) 1,000 m (433 MHz)
Detection Method	Opening Contact; Shock Sensor
Detection Gap	43 mm max.
Sensitivity	Shock Detection: High, Normal, Low Tilt Detection: Up to 25°
Environment Temperature Indicator	√
Signal Strength Indicator	√
Alarm Input	Normally Closed; Normally Open; Impulse Count
LED Indicator	Green(MC), Orange(tilt), Red(shock), Blue (Alarm)
Transmission Technology	Tri-X wireless
Standard Battery Life	3 years in work status (being triggered 20 times per day)
Power Supply	Battery powered
Battery Type	CR123A × 1
Typical Voltage	3 V
Operation Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Dimension (WxHxD)	22.5 mm × 103 mm × 23.2 mm 13 mm × 34.4 mm × 11.4 mm
Weight	60 g
Application Scenario	Indoor

Wireless Glass Break Detector – AX PRO Series

Product	 AX PRO
Product Model	DS-PDB68-E62-WE DS-PDB68-E62-WB
Frequency	WE: 868 MHz WB: 433 MHz
Transmission Range	1,200 m (868 MHz) 1,000 m (433 MHz)
Detection Method	Acoustic sensor
Detection Range	8 m
Detection Angle	120°
Sensitivity	2 m; 4 m; 6 m; 8 m
Glass Type	Float; Plate; Tempered; Wired; Laminated Leaded; Double Glazing
Glass Thickness	2.4 mm to 6.4 mm
Glass Size	0.3 m × 0.3 m to 3 m × 3 m
Environment Temperature Indicator	√
Signal Strength Indicator	√
Transmission Technology	Tri-X wireless
Power Supply	Battery powered
Battery Type	CR123A × 2
Typical Voltage	3 V
Standard Battery Life	5 years in work status (being triggered 20 times per day)
Operation Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Dimension (WxHxD)	38.8 mm × 107.0 mm × 24.5 mm
Weight	83 g
Mounting Method	Wall; Ceiling
Application Scenario	Indoor

Wireless Temperature Detector – AX PRO Series

Product	 AX PRO
Product Model	DS-PDTPH-E-WE DS-PDTPH-E-WB
Frequency	WE: 868 MHz WB: 433 MHz
Detection Method	Temperature sensor
Detection Range	-10 °C to 55 °C (standalone) -35 °C to 99 °C (with probe)
Environment Temperature Indicator	√
Signal Strength Indicator	√
LED Indicator	On-screen display
Transmission Technology	Tri-X wireless
Transmission Encryption	AES-128 encryption
Power Supply	Battery powered
Battery Type	AAA × 2
Typical Voltage	3 V
Standard Battery Life	2 years in work status (being triggered 20 times per day)
Operating Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Dimension (W × H × D)	62.6 mm × 62.6 mm × 18 mm
Weight	730.5 g
Mounting Method	Wall
Application Scenario	Indoor

Wireless Signal I/O Transmitter - AX PRO Series

Product	 AX PRO
Product Model	DS-PM1-I1-WE DS-PM1-I1-WB
Frequency	WE: 868 MHz WB: 433 MHz
Serial Port	1
Power Switch	1
Alarm Input	1 Alarm, 1 Tamper
Alarm Output	1 PGM, AM/Output
Power Output	1, 3.3 V up to 10 mA
Power Supply	3 CR123
Operation Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Power Consumption	Quiescent current: 40.29 uA; Max. current: 47.85 mA; Voltage: 3 VDC
Battery Life Span	More than 5 years
Indicator	3
Dimension (W × H × D)	102 mm × 41 mm × 20 mm
Weight	35 g (Without battery), 90 g (With battery)

Wireless Multiple I/O Transmitter - AX PRO Series

Product	 AX PRO
Product Model	DS-PM1-I1602-WE DS-PM1-I1602-WB
Frequency	WE: 868 MHz WB: 433 MHz
Serial Port	1
Power Switch	1
Alarm Input	16
Alarm Output	2
Power Output	2 (12 V, total 1 A)
Power Supply	100-240 VAC, 30 w
Operation Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Power Consumption	Battery Supply: Quiescent current (50 mA), Max. current (1500 mA), Voltage (13.8 V) 220V Supply: Quiescent current (45 mA), Max. current (300 mA), Voltage (220 V)
Battery Life Span	Up to 36 hours
Indicator	3
Dimension (W × H × D)	261 mm × 199 mm × 86.4 mm
Weight	975 g (Without battery), 3,024 g (With battery)

PSU Expander - AX PRO Series

Product	 AX PRO	 AX PRO
Product Model	DS-PM1-D	DS-PM2-D
Frequency	-	-
Serial Port	-	-
Power Switch	-	-
Alarm Input	-	-
Alarm Output	5.5 VDC, Up to 2 A	5.5 VDC, Up to 2 A
Power Output	8-24 VDC, Up to 2 A	4-16 VDC, Up to 2 A
Power Supply	10%-90%	10%-90%
Operation Temperature	-	-
Power Consumption	-	-
Battery Life Span	-	-
Dimension (W × H × D)	80 mm × 90 mm × 15 mm	80 mm × 90 mm × 15 mm
Weight	35 g	35 g

Wireless Keypad - AX PRO Series

Product	 AX PRO	 AX PRO HOT
Product Model	DS-PK1-E-WE DS-PK1-E-WB	DS-PK1-LT-WE DS-PK1-LT-WB
Frequency	WE: 868 MHz WB: 433 MHz	WE: 868 MHz WB: 433 MHz
Transmission Range	1,200 m (868 MHz) 900 m (433 MHz)	1,200 m (868 MHz) 800 m (433 MHz)
Installation	Wall mounting	Wall mounting
Function Buttons	Stay and away arm, disarm, fire, medical, PA, output control, enter and cancel	*, #, Query, Away arm, Stay arm, Disarm, Output, Project, Right, Left
Numeric Buttons	0-9	0-9
Area Display Backlight	√	√
LED Indicators	Arm (blue), fault (amber), alarm (red), signal (green)	Fault(orange), Enrollment/Signal (red/green), Arm(blue), Disarm(green), Alarm (red)
Frame Backlight	√	√
Buzzer	Entry, exit, alarm and warning tones	Supported
Wireless Technology	Tri-X wireless technology	Tri-X wireless technology
Signal Strength Indicators	√	√
Environment Temperature Indicator	√	√
Programming Method	Advanced wireless link	Advanced wireless link
Battery	AA × 4 (included)	CR123 × 4 (included)
Standard Battery Life	3 years	Standby time more than two years
Operating Temperature	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)
Dimension (W × H × D)	86 mm × 140 mm × 22 mm	174.63mm × 109.62 mm × 25.25 mm

Wireless Tag Reader - AX PRO Series

Product	 AX PRO
Product Model	DS-PT1-WE(B) DS-PT1-WB(B)
Frequency	WE: 868 MHz WB: 433 MHz
Installation	Wall mounting
Individual Area Arming	Individual or group arming
Area Display LEDs	Up to 4 areas
LED Indicators	Area status (blue x 4) alarm/fault (red/amber x 1)
Buzzer	Entry, exit, alarm and warning tones
Wireless Technology	Tri-X wireless technology
Signal Strength Indicators	√
Environment Temperature Indicator	√
Programming Method	Advanced wireless link
Battery	AA x 3 (included)
Standard Battery Life	2 years
Dimension (W × H × D)	75 mm × 124 mm × 0.8 mm
Operating Temperature	-10 °C to 55 °C (14 °F to 131 °F)

Wireless RF Repeater - AX PRO Series

Product	 AX PRO
Product Model	DS-PR1-WE(B) DS-PR1-WB(B)
Frequency	WE: 868 MHz WB: 433 MHz
Transmission Range	2,000 m (868 MHz) 800 m (433 MHz)
Installation	Ceiling or wall mounting
Auto Device Enrolling	√
LED Indicators	Signal (green/red), power (green) and fault (amber)
Buzzer	Entry, exit, alarm and warning tones
Wireless Technology	Tri-X wireless Technology
PIRCAM	√
Two-way Wireless Communication	√
Signal Strength Indicators	√
Environment Temperature Indicator	√
Power Supply	100 - 240 VAC
Standard Battery Life	24 hours
Operating Temperature	-10 °C to 55 °C (14 °F to 131 °F)

Wireless Sounder - AX PRO Series

Product	 AX PRO	 AX PRO	 AX PRO HOT
Product Model	DS-PS1-E-WE DS-PS1-E-WB	DS-PS1-I-WE(B) DS-PS1-I-WB(B)	DS-PS403I-WE/RED DS-PS403I-WE/BUE DS-PS403I-WB/RED DS-PS403I-WB/BLUE
Frequency	WE: 868 MHz WB: 433 MHz	WE: 868 MHz WB: 433 MHz	WE: 868 MHz WB: 433 MHz
Transmission Range	1,600 m (868 MHz) 900 m (433 MHz)	1,600 m (868 MHz) 900 m (433 MHz)	1,000 m (868 MHz) 800 m (433 MHz)
Installation	Wall mounting	Wall mounting	Wall mounting
Sounder Output	110 dB	110 dB	85 dB to 105 dB
Piezo Sounder	✓	✓	✓
LED Strobe	✓	✓	✓
Wireless Technology	Tri-X wireless Technology	Tri-X wireless Technology	Cam-X Wireless Technology
Signal Strength Indicators	✓	✓	✓
Environment Temperature Indicator	✓	✓	✓
Programming Method	Advanced wireless link	Advanced wireless link	Advanced wireless link
Power Input	12VDC (independent from battery)	-	12VDC (independent from battery)
Battery	CR123A × 4 (included)	CR123A × 4 (included)	CR123A × 4 (included)
Standard Battery Life	5 years	5 years	Up to 2 years (Alarm once a week, 5 mins alarm and 5 mins talk)
Dimension (W × H × D)	190 mm × 200 mm × 47.4 mm	90 mm × 90 mm × 30 mm	130 mm × 128 mm × 39.5 mm
IP Rating	IP65	-	-

Wireless Keyfob - AX PRO Series

Product	 AX PRO
Product Model	DS-PKF1-WE(B) DS-PKF1-WE(B)/BLACK DS-PKF1-WB(B) DS-PKF1-WB(B)/BLACK
Frequency	WE: 868 MHz WB: 433 MHz
Transmission range	1,200 m (868 MHz) 500 m (433 MHz)
Buttons	4
Functions	8 (Relay control coming soon)
Keyfob Lock	✓
Silent and Audible Panic	✓
Status LED indicator	Arm, (blue), disarm (green) and fault (orange)
Wireless Technology	Tri-X wireless technology
Two-way Wireless Communication	✓
Transmission Frequency	868 MHz
Battery	CR2032 × 1 (included)
Standard Battery Life	3 years
Dimension (W × H × D)	35 mm × 63 mm × 11.6 mm

Wireless Tag - AX PRO Series

Product	 AX PRO
Product Model	DS-PT-M1
Operation Temperature	-10 °C to 50 °C (14 °F to 122 °F)
Weight	PVC, ABS
Dimension (WxHxD)	41 mm × 32 mm × 3.5 mm

Wireless Wall Switch - AX PRO Series

Product	 AX PRO
Product Model	DS-PM1-01H-WE DS-PM1-01H-WB
Frequency	WE: 868 MHz WB: 433 MHz
Transmission Range	1,600 m (868 MHz) 800 m (433 MHz)
Learning Button	1, For register
Relay Output	1, NO/NC (AC 100~240v, Max 13A)
RF Method	Two way communication
RF Modulation	2GFSK
Power Supply	AC 100 V ~ 240 V, 50/60 HZ
LEDs Status	3, Register/Signal (Green/Red), Power (Green), Relay Status (Blue)
Operation Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Weight	310.5 g
Installation Method	Wall Mounting or Inside 86 box

Wireless Relay Module - AX PRO Series

Product	 AX PRO
Product Model	DS-PM1-01L-WE DS-PM1-01L-WB
Frequency	WE: 868 MHz WB: 433 MHz
Transmission Range	1,600 m (868 MHz) 800 m (433 MHz)
Learning Button	1, For register
Relay Output	1, NO/NC (0~36V DC, Max 5A)
RF Method	Two way communication
RF Modulation	2GFSK
Power Supply	DC 7 V ~ 24 V
LEDs Status	3, Register/Signal (Green/Red), Power (Green), Relay Status (Blue)
Operation Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Weight	280.5 g
Installation Method	Wall Mounting

Wireless Smart Plug - AX PRO Series

Product	 AX PRO
Product Model	DS-PSP1-WE DS-PSP1-WB
Frequency	WE: 868 MHz WB: 433 MHz
Transmission Range	1,600 m (868 MHz) 800 m (433 MHz)
Learning Button	1, For register
Relay Output	-
RF Method	Two way communication
RF Modulation	2GFSK
Power Supply	AC 100 V ~ 240 V, 50/60 HZ , Max 10 A
LEDs Status	1 (Green/Red)
Operation Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Weight	85 g
Installation Method	Plug into Socket

Wired Control Panel - AX HYBRID PRO Series

Product	 AX HYBRID PRO	 AX HYBRID PRO
Product Model	DS-PHA48-EP	DS-PHA64-LP
Case	Plastic	Plastic
Alarm Input	48 (8 on-board zones, max. 4 wired PIRCAM)	64 (8 On-board zones, max. 8 wired PIRCAM)
Alarm Output	48 (Including 2 on-board relay outputs and 2 I/O outputs)	64 (Including 2 on-board relay outputs and 2 on-board I/O outputs)
Area	16	32
Wi-Fi Module	-	√
Sounder	1 wired on-board sounder output, 8 wireless sounders	1 wired on-board sounder output, 16 wireless sounders
SMS Notification (with 3G/4G/GPRS module)	Supports (with GPRS/3G/4G module)	Supports (with GPRS/3G/4G module)
Onboard Video	2	4
Cellular Network (with 3G/4G/GPRS module)	Supports report push-notification to ARC & Cloud	Supports report push-notification to ARC & Cloud
Tamper Switch	1 switch to detect removal from mounting 1 switch to detect front cover open	1 switch to detect removal from mounting 1 switch to detect front cover open
Network Interface	1 RJ45 10M/100M Ethernet interface Wi-Fi	1 RJ45 10M/100M Ethernet interface Wi-Fi
Telephone Interface	1, PSTN expander interface	1, PSTN expander interface
Battery Interface	Lead acid battery(12 V, 7 Ah, battery is not included by default)	Lead acid battery(12 V, 7 Ah, battery is not included by default)
Operation Temperature	-10 °C to 40 °C (14 °F to 104 °F)	-10 °C to 40 °C (14 °F to 104 °F)
Dimension (W × H × D)	261 mm × 199 mm × 86.4 mm	261 mm × 199 mm × 86.4 mm

Bus PIRCAM - AX HYBRID PRO Series

Product	 AX HYBRID PRO
Product Model	DS-PDPC12P-EG2
Compatibility	Compatible with DS-PHA48-EP DS-PHA64-LP
Detection Method	Passive infrared
Detection Range & Angle	12 m, 90°
Sensitivity	High; Auto; Pet
Pet Immunity	30 kg
Field Angle	109°(H), 60°(V)
Image Type	JPEG
Resolution	1920 × 1080; 1280 × 720; 640 × 480
Fill Light	Infrared light
Transmission Technology	Bus
Transmission Method	Wired
Power Supply	9 to 16 VDC
Typical Voltage	12 VDC
Power Consumption	Maximum current:35 mA @12VDC Quiescent current:0.1 A @12VDC
Mounting Height	1.8 m to 2.4 m
Dimension (W × H × D)	73 mm × 130.5 mm × 56.7 mm

Bus Keypad - AX HYBRID PRO Series

Product	 AX HYBRID PRO
Product Model	DS-PK1-LRT-HWE DS-PK1-LRT-HWB
Frequency	WE: 868 MHz WB: 433 MHz
Compatibility	Compatible with DS-PHA48-EP DS-PHA64-LP
Transmission Technology	Bus
Tag Reader Built-in	√
Buzzer	1
Alarm Input	2
IO Output	1
Power Supply	9 -16 V
Display Screen	LCD Screen
Dimension (W × H × D)	150 mm × 115 mm × 28 mm

Bus Input Expander - AX HYBRID PRO Series

Product	 AX HYBRID PRO
Product Model	DS-PM1-I802-H
Compatibility	Compatible with DS-PHA48-EP DS-PHA64-LP
Transmission Technology	Bus
Alarm Input	8
Alarm Output	2
Power Supply	9 - 12 VDC
Power Consumption	Maximum current: 119 mA @12 VDC Quiescent current: 45 mA @12 VDC
Output Voltage	9 - 12 VDC
Output Current	Maximum 500 mA
Dimension (W × H × D)	110 mm × 155 mm × 32 mm

Bus Output Expander - AX HYBRID PRO Series

Product	 AX HYBRID PRO	 AX HYBRID PRO
Product Model	DS-PM1-04L-H	DS-PM1-04H-H
Compatibility	Compatible with DS-PHA48-EP DS-PHA64-LP	Compatible with DS-PHA48-EP DS-PHA64-LP
Transmission Technology	Bus	Bus
Alarm Output	4	4
Power Supply	11 - 24 VDC	9 - 24 VDC
Power Consumption	Maximum current: 153 mA @12 VDC Quiescent current: 70 mA @12 VDC	Maximum current: 210 mA @12 VDC Quiescent current: 65 mA @12 VDC
Output Voltage	9 - 12 VDC	-
Output Current	Maximum 500 mA	-
Dimension (W × H × D)	110 mm × 155 mm × 32.5 mm	110 mm × 155 mm × 32.5 mm

Bus Wireless Receiver - AX HYBRID PRO Series

Product	 AX HYBRID PRO
Product Model	DS-PM1-RT-HWE DS-PM1-RT-HWB
Frequency	WE: 868 MHz WB: 433 MHz
Compatibility	Compatible with DS-PHA48-EP DS-PHA64-LP
Capability	Supports 32 wireless detectors, 4 wireless indoor sounders and 8 wireless outdoor sounders
Transmission Technology	Bus
Power Consumption	Maximum current: 100 mA @12 VDC Quiescent current: 40 mA @ 12 VDC
Dimension (W × H × D)	110 mm × 155 mm × 32 mm

Wired Motion Detector

Product	 •NEW	 •HOT	 •HOT		
Product Model	DS-PD701DT18AM DS-PD701DT18AM/BLACK	DS-PDP18-EG2(B)	DS-PDD12P-EG2	DS-PDCL12-EG2	DS-PDCL12DT-EG2
Compatibility	Compatible with DS-PHA48-EP DS-PHA64-LP DS-PA502-64 DS-PA502-96 DS-PA502-128	Compatible with DS-PHA48-EP DS-PHA64-LP DS-PA502-64 DS-PA502-96 DS-PA502-128	Compatible with DS-PHA48-EP DS-PHA64-LP DS-PA502-64 DS-PA502-96 DS-PA502-128	Compatible with DS-PHA48-EP DS-PHA64-LP DS-PA502-64 DS-PA502-96 DS-PA502-128	Compatible with DS-PHA48-EP DS-PHA64-LP DS-PA502-64 DS-PA502-96 DS-PA502-128
Transmission Technology	I/O	I/O	I/O	I/O	I/O
Detection Range & Angle	18 m, 90°	18 m, 85.9°	12 m, 85.9°	12 m, 360°	12 m, 360°
Sensitivity	High, Auto, Low	High, Auto, Low	Auto, Pet	Auto, Low	Auto, Low
Pet Immunity	30 kg	15 kg	30 kg	-	-
Onboard EOL	✓	✓	✓	✓	✓
Digital Temperature Compensation	✓	✓	✓	✓	✓
Detection Method	Passive infrared	Passive infrared	Passive infrared; Microwave	Passive infrared	Passive infrared; Microwave
Creep Zone Protection	✓	✓	✓	✓	✓
Power Supply	9 - 16 VDC (standard: 12 VDC)	9 - 16 VDC (standard: 12 VDC)	9 - 16 VDC (standard: 12 VDC)	9 - 16 VDC (standard: 12 VDC)	9 - 16 VDC (standard: 12 VDC)
Power Consumption	Maximum current:16 mA @12 VDC Quiescent current:11 mA @12 VDC	Maximum current:12mA @12 VDC Quiescent current:11mA @12 VDC	Maximum current:17 mA @ 12 VDC Quiescent current:17 mA @ 12 VDC	Maximum current:13 mA @ 12 VDC Quiescent current:7 mA @12 VDC	100 mA Max
Operating Temperature	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)
Installation Height	2 m to 2.7 m	1.8 m to 2.4 m	1.8 m to 2.4 m	2.4 m to 4 m	2.4 m to 4 m
Dimension (W × H × D)	58 mm × 112 mm × 41 mm	65.4 mm × 86.8 mm × 45.5 mm	65.7 mm × 103.8 mm × 45.5 mm	φ101.2 mm × 32.9 mm	φ120 mm × 33.2 mm
Weight	120 g	68 g	99 g	79 g	138 g

Wired Motion Detector

Product			
Product Model	DS-PDD15AM-EG2	DS-PDC5NC-EG2	DS-PDC10AM-VG3
Compatibility	Compatible with DS-PHA48-EP DS-PHA64-LP DS-PA502-64 DS-PA502-96 DS-PA502-128	Compatible with DS-PHA48-EP DS-PHA64-LP DS-PA502-64 DS-PA502-96 DS-PA502-128	Compatible with DS-PHA48-EP DS-PHA64-LP DS-PA502-64 DS-PA502-96 DS-PA502-128
Transmission Technology	I/O	I/O	I/O
Detection Range & Angle	15 m, 85.9°	Ceiling Mount: 5 m, 5°	Wall Mount: 10 m Ceiling Mount: 6 m, 5°
Sensitivity	Auto, Low	Auto	Auto
Pet Immunity	-	-	-
Onboard EOL	√	√	√
Digital Temperature Compensation	√	√	√
Detection Method	Passive infrared	Passive infrared	Passive infrared
Creep Zone Protection	√	√	√
Power Supply	9 - 16 VDC (standard: 12 VDC)	9 - 16 VDC (standard: 12 VDC)	9 - 16 VDC (standard: 12 VDC)
Power Consumption	25 mA max.	22 mA max.	22 mA max.
Operating Temperature	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)	-10 °C to 55 °C (14 °F to 131 °F)
Installation Height	1.8 m to 2.4 m	2.4 m to 4 m	2 m to 4 m
Dimension (W × H × D)	65.7 mm × 103.8 mm × 45.5 mm	29.7 mm × 78.1 mm × 24.8 mm	29.2 mm × 134.4 mm × 39.5 mm
Weight	100 g	31.5 g	79 g

Wired Motion Detector

Product	
Product Model	DS-PDP18-HM
Compatibility	Compatible with DS-PHA48-EP DS-PHA64-LP DS-PA502-64 DS-PA502-96 DS-PA502-128
Detection Range & Angle	18 m, 90°
Anti-masking	-
Anti-Sway Analytics	-
Automatic Sensitivity	-
Pet Immunity	24 kg
Digital Temperature Compensation	-
Adaptable Coverage	-
Power Consumption	Maximum current: 15 mA @ 12 VDC Quiescent current: 8 mA @ 12 VDC
Power Supply	9 to 16 VDC
Dimension (W × H × D)	67.3 mm × 142.0 mm × 60.0 mm
Mounting Height	2.5 - 3 m high mount 0.8 - 1.2 m low mount
Weight	226.3 g

Wired Motion Detector	
Product	
Product Model	DS-PD115AM-LM
Compatibility	Compatible with DS-PHA48-EP DS-PHA64-LP DS-PA502-64 DS-PA502-96 DS-PA502-128
Transmission Technology	I/O
Detection Range & Angle	3 m to 15 m adjustable, 90° @ 180° adjustable
Anti-masking	✓
Anti-Sway Analytics	✓
Automatic Sensitivity	✓
Pet Immunity	40 kg
Digital Temperature Compensation	✓
Adaptable Coverage	Support pattern mask included
Power Consumption	30 mA (Standard), 220 mA max. (With lighting on)
Power Supply	9 to 16 VDC
Dimension (W × H × D)	75 mm × 202 mm × 73 mm
Mounting Height	0.8 m to 1.2 m
Weight	350 g

Wired Glass Break Detector		
Product		
Product Model	DS-PDP612P-EG2	DS-PDB68-EG2
Compatibility	Compatible with DS-PHA48-EP DS-PHA64-LP DS-PA502-64 DS-PA502-96 DS-PA502-128	Compatible with DS-PHA48-EP DS-PHA64-LP DS-PA502-64 DS-PA502-96 DS-PA502-128
Transmission Technology	I/O	I/O
Detection Method	Passive infrared; Acoustic sensor	Acoustic sensor
Detection Range & Angle	12 m, 85.9°	8 m
Pet Immunity	30 kg	-
PIR Sensitivity	Auto, Pet	-
Creep Zone Protection	✓	-
Glass Type	Float; Plate; Tempered; Wired; Laminated Leaded; Double Glazing	Float; Plate; Tempered; Wired; Laminated Leaded; Double Glazing
Glass Thickness	2.4 mm to 6.4 mm	2.4 mm to 6.4 mm
Glass Size	0.3 m × 0.3 m to 3 m × 3 m	0.3 m × 0.3 m to 3 m × 3 m
Digital Processing	✓	✓
Alarm Output	Normally closed	Normally closed
Power Supply	9 - 16 VDC	9 - 16 VDC
Power Consumption	Maximum current:26 mA @ 12 VDC Quiescent current:36 mA @ 12 VDC	Maximum current:25 mA @ 12 VDC Quiescent current:25 mA @ 12 VDC
Typical Voltage	12 V	12 V
Dimension (W × H × D)	65.5 mm × 103 mm × 48.5 mm	38.8 mm × 107 mm × 22.5 mm
Weight	98.5 g	49.5 g
Mounting Height	1.8 m to 2.4 m	-

Wired Panic Button	
Product	
Product Model	DS-PD1-EB
Compatibility	Compatible with DS-PHA48-EP DS-PHA64-LP DS-PA502-64 DS-PA502-96 DS-PA502-128
Transmission Technology	I/O
Shell Material	Flame Retardant ABS
Contact Mode	NO/NC

Wired Treadle Panic Button

Product	
Product Model	DS-PD1-EB
Compatibility	Compatible with DS-PHA48-EP DS-PHA64-LP DS-PA502-64 DS-PA502-96 DS-PA502-128
Transmission Technology	I/O
Shell Material	Metal
Contact Mode	NO/NC

Wired Magnetic Contact

Product			
Product Model	DS-PD1-MC-MS	DS-PD1-MC-RS	DS-PD1-MC-WS
Compatibility	Compatible with DS-PHA48-EP DS-PHA64-LP DS-PA502-64 DS-PA502-96 DS-PA502-128	Compatible with DS-PHA48-EP DS-PHA64-LP DS-PA502-64 DS-PA502-96 DS-PA502-128	Compatible with DS-PHA48-EP DS-PHA64-LP DS-PA502-64 DS-PA502-96 DS-PA502-128
Transmission Technology	I/O	I/O	I/O
Capacity (VDC)	≤100	≤100	≤100
Capacity (mA)	≤500	≤500	≤500
Contact Scheme (NC\NO)	NC	NC	NC
Distance (mm)	≥ 35	≥ 65	≥ 17
Installation	Screw	Surface	Surface
Dimension (W × H × D)	50 mm × 18 mm × 10 mm 50 mm × 18 mm × 10 mm	108 mm × 40 mm × 8 mm 88 mm × 20 mm × 21 mm	63.5 mm × 12.5 mm × 15.7 mm 63.5 mm × 12.5 mm × 12.5 mm

Wired Shock Detector		
Product		
Product Model	DS-PDSK-P	DS-PDSKM-V63
Compatibility	Compatible with DS-PHA48-EP DS-PHA64-LP DS-PA502-64 DS-PA502-96 DS-PA502-128	Compatible with DS-PHA48-EP DS-PHA64-LP DS-PA502-64 DS-PA502-96 DS-PA502-128
Transmission Technology	I/O	I/O
Tamper Protection	Front	Front; Rear
Alarm Output	Normally Closed	Normally Closed
LED Indicator	Blue (Alarm)	Blue (Alarm), Red (Noise Indication)
Power Supply	9 - 16 VDC	9 - 16 VDC
Typical Voltage	12 V	12 V
Power Consumption	30 mA	17 mA
Operation Temperature	-10 °C to 55 °C (14 °F to 131 °F)	-40 °C to 70 °C (-40 °F to 158 °F)
Dimension (W × H × D)	30 mm × 108 mm × 22 mm	60 mm × 80 mm × 19.5 mm

Wired Smoke Detector		
Product		
Product Model	DS-PDSMK-4BAR	DS-PDSMK-4
Compatibility	Compatible with DS-PHA48-EP DS-PHA64-LP DS-PA502-64 DS-PA502-96 DS-PA502-128	Compatible with DS-PHA48-EP DS-PHA64-LP DS-PA502-64 DS-PA502-96 DS-PA502-128
Detection Method	Smoker Detection	Smoker Detection
Alarm Threshold	(0.10 - 0.16) dB / m (1.51 - 2.73) % / ft obscuration	(0.10 - 0.16) dB / m (1.51 - 2.73) % / ft obscuration
Buzzer	≥ 85 dB @ 3 m	-
Indicator	Two continuous emitting red LEDs	Two continuous emitting red LEDs
Power Supply	DC (10.2 - 13.8) V	DC (10.2 - 13.8) V
Operation Temperature	0 °C to 50 °C (32 °F to 122 °F)	0 °C to 50 °C (32 °F to 122 °F)
Operation Humidity	0 % - 98 % RH, non-condensing	0 % - 98 % RH, non-condensing
Dimension	Ø 100 mm × 35 mm	Ø 100 mm × 35 mm
Installation Method	Ceiling mounted	Ceiling mounted

Wired Sounders	
Product	 
Product Model	DS-PS1-B DS-PS1-R
Compatibility	Compatible with DS-PHA48-EP DS-PHA64-LP DS-PA502-64 DS-PA502-96 DS-PA502-128
Transmission Technology	I/O
Sound Pressure	3 m to 15 m adjustable, 90° @ 180° adjustable
Power Supply	0.8 to 1.2 m
Power Consumption	✓
Weight	350 g

Wired Control Panel - AX HYBRID PRO⁶² Series

Product	 NEW	 NEW	 NEW
	AX HYBRID PRO ⁶²	AX HYBRID PRO ⁶²	AX HYBRID PRO ⁶²
Product Model	DS-PA502-64	DS-PA502-96	DS-PA502-128
Case	PCB	PCB	PCB
Alarm Input	48 (8 on-board zones, max. 24 wired PIRCAM)	96 (8 on-board zones, max. 36 wired PIRCAM)	128 (8 on-board zones, max. 48 wired PIRCAM)
Alarm Output	64 (Including 2 on-board relay outputs and 2 I/O outputs)	96 (Including 2 on-board relay outputs and 2 I/O outputs)	128 (Including 2 on-board relay outputs and 2 I/O outputs)
Area	32	48	64
Wifi Module	√	√	√
Sounder	-	-	-
SMS Notification (with 3G/4G/GPRS module)	Supports (with GPRS/3G/4G module)	Supports (with GPRS/3G/4G module)	Supports (with GPRS/3G/4G module)
Onboard Video	4	4	16
Cellular Network (with 3G/4G/GPRS module)	Supports report push-notification to ARC & Cloud	Supports report push-notification to ARC & Cloud	Supports report push-notification to ARC & Cloud
Tamper Switch	1 switch to detect removal from mounting 1 switch to detect front cover open	1 switch to detect removal from mounting 1 switch to detect front cover open	1 switch to detect removal from mounting 1 switch to detect front cover open
Network Interface	1 on-board, 10/100 Mbps self-adaptive	1 on-board, 10/100 Mbps self-adaptive	1 on-board, 10/100 Mbps self-adaptive
Telephone Interface	1, PSTN expander interface	1, PSTN expander interface	1, PSTN expander interface
Battery Interface	Lead acid battery(12 V, 7 Ah, battery is not included by default)	Lead acid battery(12 V 7 Ah, battery is not included by default)	Lead acid battery(12 V 7 Ah, battery is not included by default)
Operation Temperature	-10°C to 50°C (14°F to 122°F)	-10°C to 50°C (14°F to 122°F)	-10°C to 50°C (14°F to 122°F)
Dimension (W × H × D)	231 mm × 133 mm × 44 mm	232 mm × 133 mm × 44 mm	233 mm × 133 mm × 44 mm

Bus PIRCAM - AX HYBRID PRO⁶² Series

Product	 NEW
	AX HYBRID PRO ⁶²
Product Model	DS-PD501PC12
Compatibility	Compatible with DS-PA502-64 DS-PA502-96 DS-PA502-128
Detection Method	Passive Infrared
Detection Range & Angle	12 m, 90°
Sensitivity	Auto, High, Low
Pet Immunity	24 kg
Field Angle	109°(H), 60°(V)
Image Type	JPEG
Resolution	1920 x 1080; 1280 x 720; 640 x 481
Fill Light	Infrared Light
Fill Range	12 m
Transmission Technology	Bus
Transmission Method	Wired
Power Supply	9 to 16 VDC
Typical Voltage	13 VDC
Power Consumption	Maximum current: 100 mA @ 12 VDC Quiescent current: 70 mA @ 12 VDC
Mounting Height	1.8 m to 2.4 m
Dimension (W × H × D)	73 mm × 130.5 mm × 56.7 mm

Bus Keypad - AX HYBRID PRO⁶² Series

Product	 NEW
	AX HYBRID PRO ⁶²
Product Model	DS-PK501LBM-HWE DS-PK501LBM-HWB
Frequency	WE: 868 MHz WB: 433 MHz
Compatibility	Compatible with DS-PA502-64 DS-PA502-96 DS-PA502-128
Transmission Technology	Bus
Tag Reader Built-in	√
Buzzer	1
Alarm Input	2
I/O Output	1
Power Supply	9-16 V
Display Screen	LCD Screen
Dimension (W × H × D)	175 mm × 110 mm × 27 mm

Bus Input Expander - AX HYBRID PRO ^{G2} Series	
Product	 AX HYBRID PRO ^{G2}
Product Model	DS-PM501Z8T4
Compatibility	Compatible with DS-PA502-64 DS-PA502-96 DS-PA502-128
Transmission Technology	Bus
Alarm Input	8
Alarm Output	4 PGM output (configurable)
Power Supply	9 - 16 VDC
Power Consumption	Maximum current: 150 mA @ 12 VDC Quiescent current: 80 mA @ 12 VDC
Output Voltage	9 - 16 VDC
Output Current	AUX output up to 500 mA PGM output up to 200 mA
Dimension (W × H × D)	110 mm × 155 mm × 31 mm

Bus Output Expander - AX HYBRID PRO ^{G2} Series	
Product	 AX HYBRID PRO ^{G2}
Product Model	DS-PM501R4
Compatibility	Compatible with DS-PA502-64 DS-PA502-96 DS-PA502-128
Transmission Technology	Bus
Alarm Output	4 (5 A 30 VDC, 16 A 230 VAC)
Power Supply	9-16VDC
Power Consumption	Maximum Current: 300 mA @ 12 VDC Quiescent Current: 200 mA @12 VDC
Output Voltage	9 - 16VDC
Output Current	-
Dimension (W × H × D)	110 mm × 155 mm × 31 mm

Bus Receiver - AX HYBRID PRO ^{G2} Series	
Product	 AX HYBRID PRO ^{G2}
Product Model	DS-PR501-HWE DS-PR501-HWB
Frequency	WE: 868 MHz WB: 433 MHz
Compatibility	Compatible with DS-PA502-64 DS-PA502-96 DS-PA502-128
Capability	Supports 32 wireless detectors, 8 wireless indoor sounders and 4 wireless outdoor sounders
Transmission Technology	Bus
Power Consumption	Quiescent current 90 mA @ 12 VDC Maximum current 150 mA @ 12 VDC
Dimension (W × H × D)	110 mm × 155 mm × 31 mm

Bus Power Supply Unit - AX HYBRID PRO ^{G2} Series	
Product	 AX HYBRID PRO ^{G2}
Product Model	DS-PR531-3A
Compatibility	Compatible with DS-PA502-64 DS-PA502-96 DS-PA502-128
Transmission Technology	Bus
Power Output	1 AUX power output, and 1 siren power output
Mains Power	~ 100-240V 50/60Hz, 1.4 A typ. @115 VAC, 0.85 A typ. @ 230 VAC
Power Supply	15.3 VDC 2.5 A (0.5 A dedicated to battery)
Battery Type	12 V sealed lead acid rechargeable battery up to 7 Ah (not supplied)
Battery Life Span	Up to 12 hrs (when mains lost)
Power Consumption	Quiescent current: 150 mA (when on battery without external load)
Output Current	3 A each with eFuse protection, 4 A total with eFuse protection
Output Voltage	Nominal 14.5VDC 1.5A, range 10.7-15 VDC with up to 120 mV ripple (Vpp)

Wired Sounder	
Product	
Product Model	DS-PS102X/BLUE DS-PS102X/RED
Compatibility	Compatible with DS-PHA48-EP DS-PHA64-LP DS-PA502-64 DS-PA502-96 DS-PA502-128
Sound Pressure	Up to 110 dB / 1 m
Power Supply	12 V
Power Consumption	Maximum current: 180 Ma @ 12 VDC
Dimension (W × H × D)	221 mm × 215 mm × 51 mm

Accessories					
Image					
Model	DS-PDB-IN-UBKT1 DS-PDB-IN-UBKT1/BLACK	DS-PDB-IN-Ceilingbracket	DS-PDB-IN-Wallbracket	DS-PDB-IN-UBKT2	DS-PDB-EX-LBKTW
Application Scenario	±45° horizontal Ceiling mount	±45° horizontal Wall mount	0-90° vertical ±40° horizontal Wall/Ceiling mount	Plastic Compatible with wireless curtain	Plastic Compatible with wired curtain
Suitable Device Model	Can be used with indoor PIR/PIR Curtain/DT/PIRCAM	Can be used with indoor PIR/PIR Curtain/DT/PIRCAM	Can be used with indoor PIR/PIR Curtain/DT/PIRCAM	Can be used with following products: DS-PDC10AM-EG2-WE DS-PDC10AM-EG2-WB DS-PDC10DM-EG2-WE DS-PDC10DM-EG2-WB	Can be used with following products: DS-PDC10AM-VG3 DS-PDC10DM-VG3
Weight	8 g	13 g	13 g	46 g	45 g
Dimension (W × H × D)	41 mm × 46 mm × 32 mm	38 mm × 51 mm × 31.5 mm	29.3 mm × 53.2 mm × 35.5 mm	49.4 mm × 134.4 mm × 35.5 mm	49.4 mm × 134.4 mm × 35.5 mm

Accessories

Image					
Model	DS-PDB-EX-LBKT	DS-PDB-EX-SBKT	DS-PDB-IN-Wristband	DS-PDB-MC-Adapter	DS-PDB-MCS-Adapter
Application Scenario	Plastic Compatible with wired curtain	-10° - 30° vertical adjustable ±45° horizontal adjustable	Wrist accessory for portable emergency button	5 mm depth / unit	3 mm depth / unit
Suitable Device Model	Can be used with following products: DS-PDC10AM-V63 DS-PDC10DM-V63	Can be used with following products: DS-PDP18-HM-WE DS-PDP18-HM-WB	Can be used with following products: DS-PDEBP1-EG2-WE DS-PDEBP1-EG2-WB DS-PDEBP2-EG2-WE DS-PDEBP2-EG2-WB	Can be used with following products: DS-PDMC-EG2-WE(B) DS-PDMC-EG2-WB(B)	Can be used with following products: DS-PDMCS-EG2-WE DS-PDMCS-EG2-WB
Weight	45 g	55 g	15 g	6.8 g (pack of 4 pcs)	13 g (pack of 4 pcs)
Dimension (W × H × D)	49.4 mm × 134.4 mm × 35.5 mm	67.3 mm × 33 mm × 73.5 mm	38 mm × 255 mm × 12 mm	14 mm × 37 mm × 5 mm	14 mm × 68 mm × 3 mm

Accessories					
Image					
Model	DS-PDB-MC-Brown	DS-PDB-MC-Brown(B)	DS-PDB-MCK-Brown(B)	DS-PDB-MCS-Brown	DS-PDB-MCS-DGray
Application Scenario	Color option for detector Easy replacement	Color option for detector Easy replacement	Color option for detector Easy replacement	Color option for detector Easy replacement	Color option for detector Easy replacement
Suitable Device Model	Can be used with following products: DS-PDMC-EG2-WE DS-PDMC-EG2-WB	Can be used with following products: DS-PDMC-EG2-WE(B) DS-PDMC-EG2-WB(B)	Can be used with following products: DS-PDMCK-EG2-WE(B) DS-PDMCK-EG2-WB(B)	Can be used with following products: DS-PDMCS-EG2-WE DS-PDMCS-EG2-WB	Can be used with following products: DS-PDMCS-EG2-WE DS-PDMCS-EG2-WB
Weight	22 g	22 g	22 g	15.5 g	15.5 g
Dimension (W × H × D)	22.5 mm × 103 mm × 23.2mm 13 mm × 34.4 mm × 11.4 mm (After assembled)	24 mm × 104 mm × 24.4mm 13 mm × 34.4 mm × 11.4 mm (After assembled)	24 mm × 104 mm × 24.4mm 13 mm × 34.4 mm × 11.4 mm (After assembled)	29 mm × 69 mm × 10 mm 14 mm × 69 mm × 10 mm (After assembled)	29 mm × 69 mm × 10 mm 14 mm × 69 mm × 10 mm (After assembled)

Accessories					
Image					
Model	DS-PDB-EX-Shelter	DS-PT1001-0	DS-PDCM15PF-IR	DS-PT072-S	DS-PC201N
Application Scenario	Shelter accessory for outdoor detector Easy installation	Shelter accessory for outdoor detector Easy installation	Detection range: 15 m 90° Infrared Light	2G/3G/4G/LTE/5G - according to the profile	LAN Module
Suitable Device Model	Can be used with following products: DS-PDCM15PF-IR DS-PDCM15PF-WL	Can be used with following products: DS-PDP18-HM-WE DS-PDP18-HM-WB DS-PDP18-HM DS-PDPC18-HM-WE DS-PDPC18-HM-WB	DS-PDTT15AM-LM-WB DS-PDTT15AM-LM-WE DS-PDQP15AM-LM-WB DS-PDQP15AM-LM-WE	-	Operates with AX HOME control panel to provide ethernet network for cloud communication
Weight	27.7 g	60.3 g	155 g	1 g	6.5 g
Dimension (W × H × D)	80 mm × 28 mm × 85 mm	94.64 mm × 107.2 mm × 86.03 mm	74.1 mm × 72.35 mm × 53 mm	86 mm × 54 mm × 1 mm	55 mm × 13.45 mm × 24 mm

Accessories	
Image	
Model	DS-PT061
Application Scenario	A good option for the control panel to ensure smooth communication
Suitable Device Model	Operates with 868 MHz AX PRO Ultra control panel
Antenna Type	698-960 MHz, 1710-2700 MHz
Length	3 m

Accessories						
Image						
Model	DS-PT031	DS-PZ100DSP-Desktop	DS-PZ100BAT-CR2032	DS-PZ100BAT-CR2450	DS-PZ100BAT-C0993B4	DS-PZ401BAT
Application Scenario	Stable voltage with 1600 mAh capacity 2 pcs batteries per unit	Portable desktop display rack Flexible product arrangement	Stable voltage with 225 mAh capacity	Stable voltage with 600 mAh capacity	Stable voltage with 2750 mAh	Support AX PRO Panel work alone for 12 Hours (Standby time)
Suitable Device Model	Used cooperatively with door contact, outdoor siren, indoor detector, etc.	-	Suitable for portable emergency button and keyfob	Suitable for emergency buttons (single button and dual button), water leak detector and slim magnetic contact	Compatible to AX HOME panel as a backup power supply Support AX HOME work alone for 12 Hours	Compatible to AX PRO panel as a backup power supply
Weight	16.3 g	3365 g	4.68 g	8.1 g	52 g	89.3 g
Dimensions	16.8 mm × 34.3 mm (D × H)	380 mm × 461.5 mm × 14.5 mm	φ20 mm × 3.2 mm	φ24.5 mm × 5 mm	φ22.5 mm × 74 mm	58.9 mm × 67.9 mm × 10.35 mm
Typical Voltage	3 V	-	3 V	3 V	3.7 V	[3.7 × 1S1P] V
Typical Capacity	1600 mAh	-	225 mAh	600 mAh	2750 mAh	5100 mAh

Product Quick Guide

NON-CCTV PRODUCTS

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