

SIMPLICITY THROUGH  
INNOVATION

**HIKVISION**

See Far, Go Further

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# AX PRO Wireless Intrusion Alarm System AN INTELLIGENT SYSTEM WITH CONVERGENT SOLUTIONS

868 MHZ VERSION

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## Introducing the AX PRO System

At Hikvision, we believe that innovation results in products that can do more while becoming simpler to use. The AX PRO System is the perfect example – it's an incredible new design that combines the powerful and reliable security systems of the past with the simplicity of tomorrow's best technology.

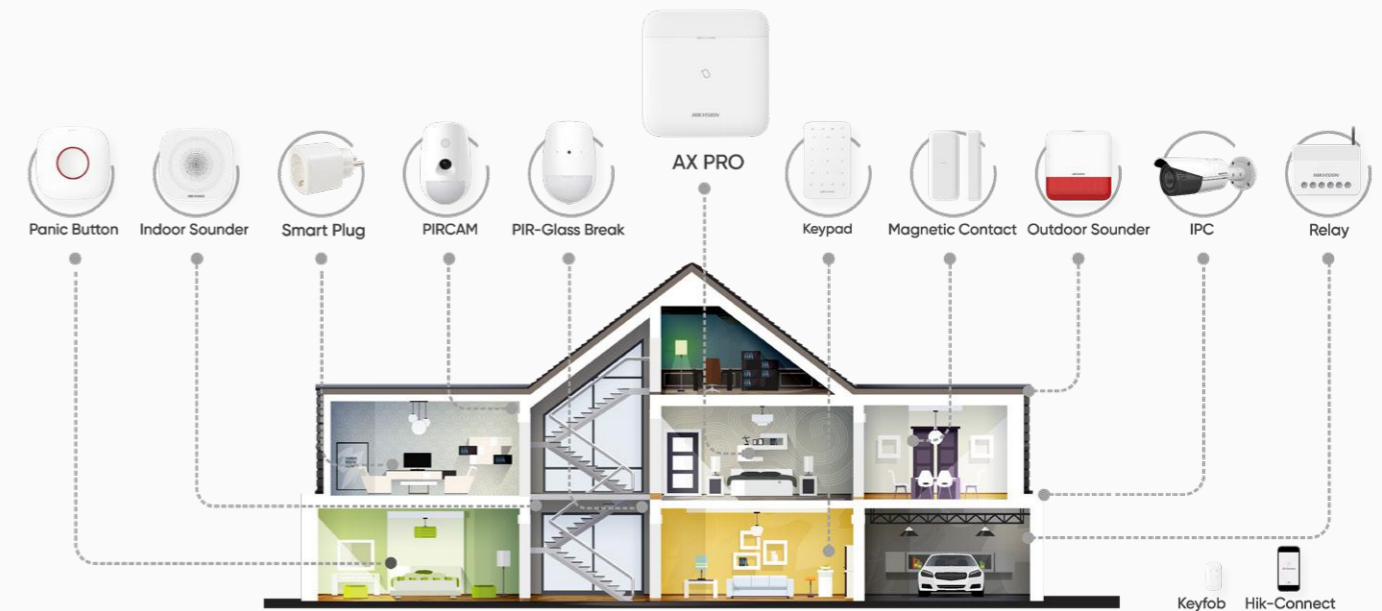
AX PRO is both conventional and revolutionary, with proven wireless stability, a wide range of world-class products, and ease-of-use for both installers and end users.

Simple setup, powerful protection – whether it's for a business-owner's property or a home-owner's loved ones – bringing peace of mind every day, all day.



\*Note: • Please update firmware to the latest version  
• For installers, it is recommended to install and maintain devices via Hik-ProConnect

The AX PRO system begins with a control panel that acts as a hub for the whole system. Next, a wide range of indoor and outdoor detectors, along with versatile peripherals including sounders, repeaters, relays, and more, are designed to meet the needs in a multitude of scenarios. Revolutionary in both technology and design, all the products in the range can be added as needed, and can be flexibly linked with other Hikvision devices. Each one is simple to install and promises outstanding performance.



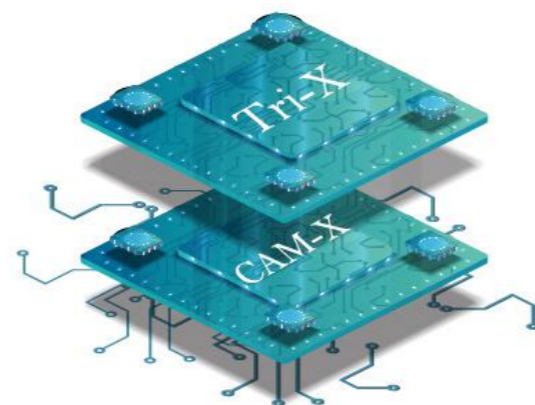
## Industry-leading Intrusion Alarm Technologies

Innovative technologies make up the core of the AX PRO system. With cutting-edge verification, wireless transmission, and detection technologies, Hikvision demonstrates its dedication to providing stable and reliable security for our customers today and tomorrow.



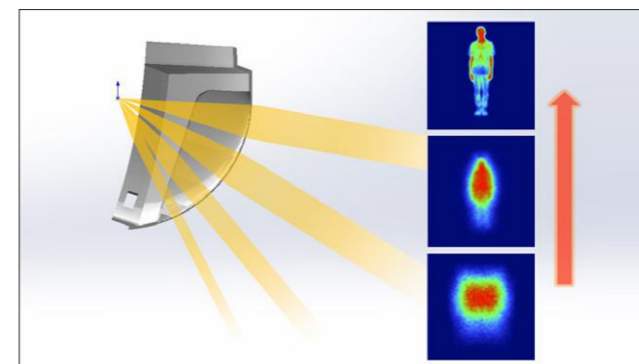
### Intruder Verification as a Service for Instant and Efficient Visual Verification

Intruder Verification as a Service (IVaaS) enables video verification of events by providing 7 seconds of video at relevant scenes as forensic evidence in the event of an activation. Compared with traditional on-site verifications, IVaaS greatly reduces the probability of missed and false alarms, facilitates timely confirmation, and reduces losses caused by on-site verification, while it also guarantees that users can enjoy undisturbed security control services.



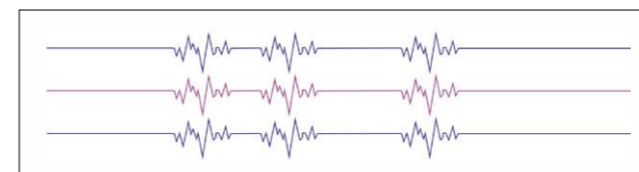
### TRI-X & CAM-X Technologies for Stable Ultra-long Distance Wireless Transmission

Aligning with the highest industry benchmarks, Hikvision's third-generation Tri-X and Cam-X wireless communication technologies provide a new level of security and simplicity in radio communication, with cutting-edge functions including frequency hopping spread spectrum (FHSS), time division multiple access (TDMA), dynamic AES two-way encryption, high-speed image transmission and video recombination, and remote maintenance.



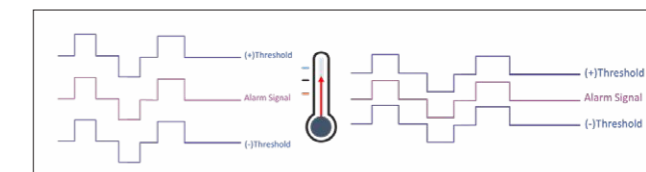
### 3D Optical Lens Technology

3D optical lens technology has produced an all-focusing arc surface array lens group design that enables the lens to have the same excellent focus in any direction. This ensures an energy balance for the detector and boosts performance. It is a vast improvement over the focus performance in conventional cylindrical lenses.



### IFT Signal Processing Technology

Independent Floating Threshold (IFT) signal processing technology significantly decreases false alarms due to background noise that interferes with detectors, and ensures more stable detection performance. Detectors can better adapt to external conditions, automatically adjusting the sensitivity and threshold according to changing environmental conditions.



### Digital Temperature Compensation Technology

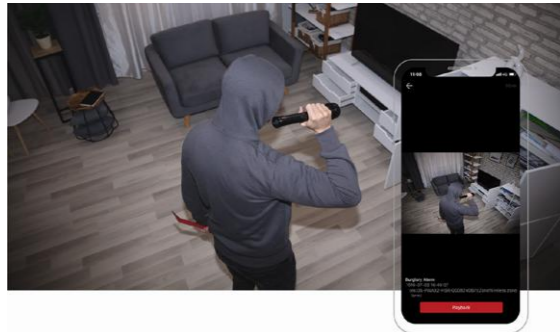
Digital temperature compensation technology enables detectors to read real-time temperatures in the environment and automatically adjust the trigger thresholds to ensure excellent weather resistance and detection accuracy. Detectors can automatically close differences in trigger thresholds to improve sensitivity when temperatures change to ensure detection consistency.

## Breakthrough Security at Your Fingertips



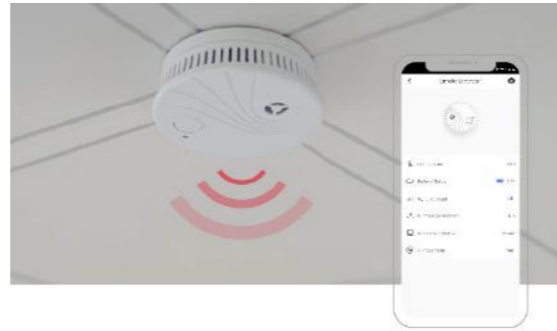
### Prevent intrusion from the very start

Place around windows, doors, and other areas where intrusions occur for confident security. The AX PRO detectors deliver precise indoor and outdoor detection and all-compassing protection, day and night.



### Stay informed with real-time video clips

Powered by Hikvision's IVaaS technology, home- or business-owners can verify alarms by watching video clips or GIF imaging when they are away from the property, staying confident and informed.



### Detect risks before they break out

The AX PRO system also helps make homes safer for families. It provides fire and water leakage detection before disaster strikes for superior security at every corner.



### Intelligent control with a scalable system

Setup intelligent control in homes with a whole range of smart control devices, relays, outlets, and more. What's more, the AX PRO system is flexible and can be linked with other Hikvision devices, offering even more flexibility.

## Intelligent, Convergent, and Scalable

The AX PRO Wireless Series is more than an intelligent alarm for homes or small businesses. Featuring full integration with virtually all Hikvision devices and systems – including video security, access control, video intercom and more – it brings more convenience to everyday life.



### AX PRO & All-in-one Indoor Station for Visualized and Centralized Management

With the built-in Hik-Connect app in Hikvision's All-in-One Indoor Station, users will enjoy simple control of the AX PRO system and flexible linkage among various Hikvision devices. And it's all managed by a light tap on the touchscreen.



### AX PRO & Video Security System for Smart Perimeter Protection

Combined with AcuSense-equipped Network Cameras and Bi-Spectrum Thermal Network Cameras, the AX PRO system now offers multidimensional protection, indoors and out.

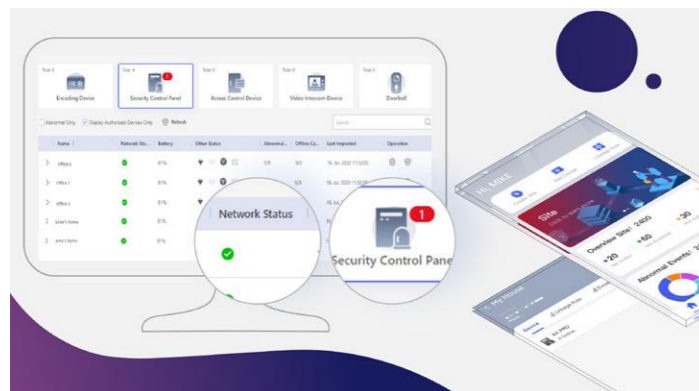
## Running the AX PRO System is a Breeze

The AX PRO System is designed to be easy to install, to use, and to maintain. The extended lifespan of the components and longer battery life deliver the best experience for both installers and end users.



### Installation is a Snap

The AX PRO system is flexible and installs easily with no wires to limit the setup. Simply install the hub, PIRCAMs, indoor and outdoor detectors, and other peripherals with screws or glue, depending on the mounting surfaces.

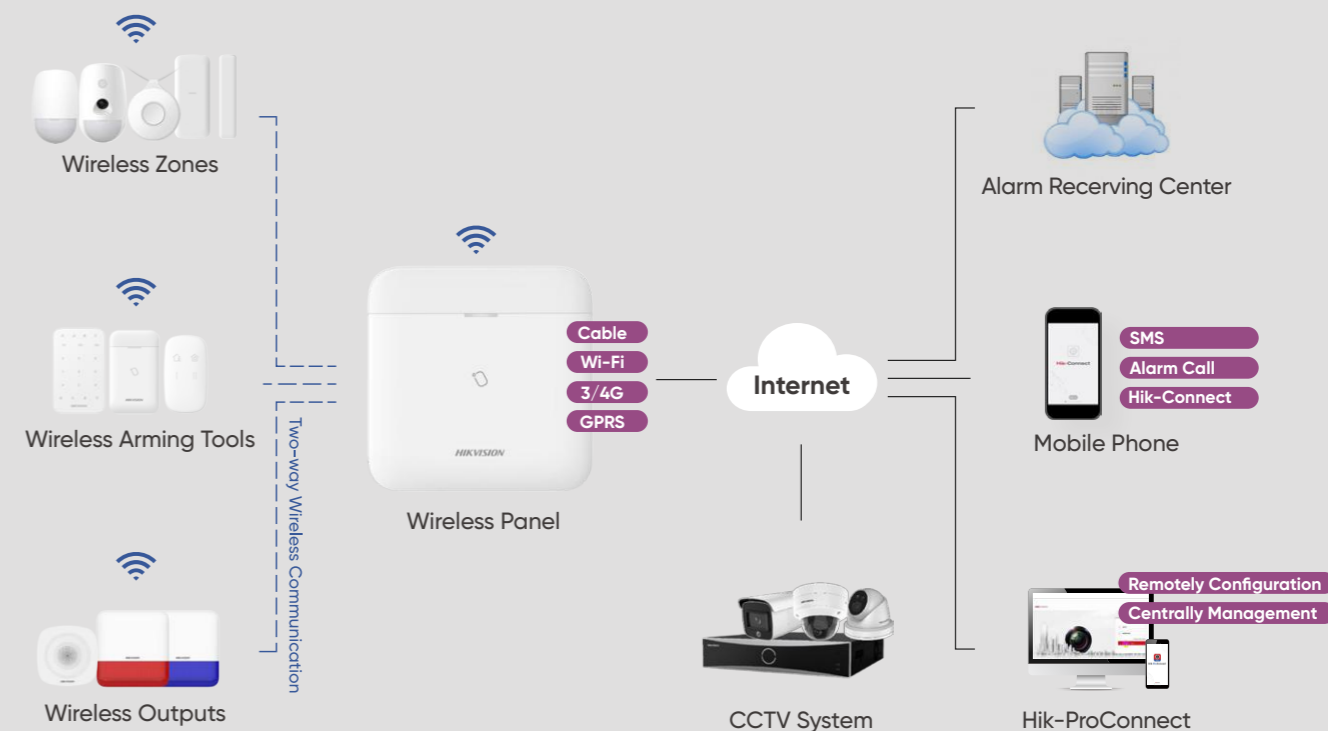


### Maintain Your Alarm System in a Simple Way

The AX PRO System can be managed and maintained conveniently via the Hik Pro-Connect App or the Web Portal for installers. Installers and monitoring stations can supervise the alarm system status any time from anywhere with the end user's authorization. What's more, the health status report is a great tool for installer maintenance service updates.

## System Topology

Except locally control the system by using keyfob, keypad, tag reader etc, users can also manage and configure the alarm system remotely via mobile app or software platform.



## AX PRO

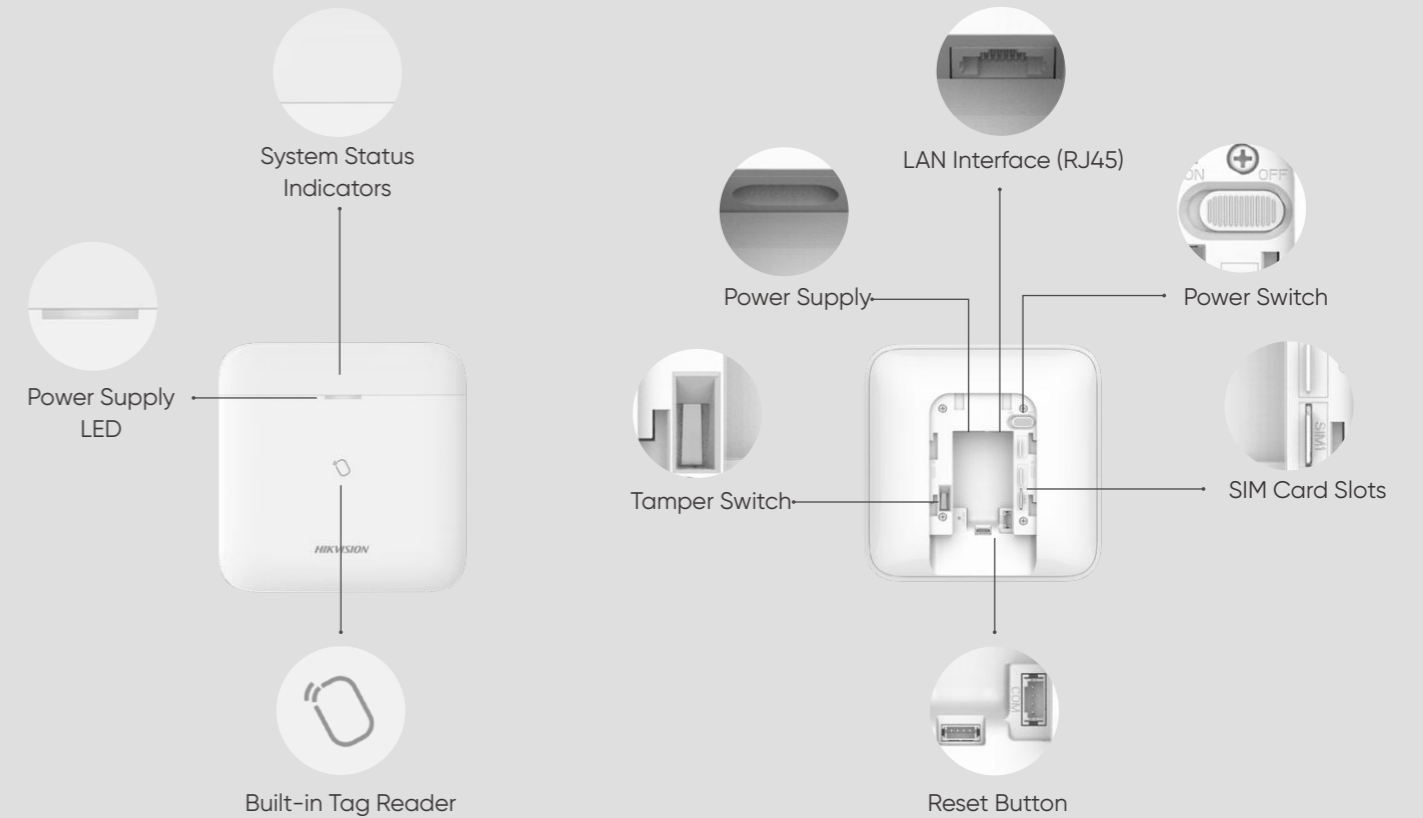
AX PRO equips with Wi-Fi, LAN, and GPRS/3G/4G communication methods to make the system more stable and secure. It also supports ISUP and DC-09 protocols to connect with 3rd party platform. These includes applications from residential and office, to commercial, factory, etc.



- 96** wireless inputs & outputs supported
- 6** wireless sounders supported
- 4** wireless repeaters supported
- 8** keypads & tag readers supported
- 48** keyfobs & tags supported
- 32** areas supported
- 5.000** event logs

- RF frequency
- IP module
- Wi-Fi module
- GPRS/3/4G module
- IPC and PIRCAM supported
- Dual SIM card design

- Tri-X and CAM-X wireless technology
- SMS for alarm events
- Alarm voice call to end-users
- Hik-ProConnect / Hik-Connect
- SIA/CID protocol










Taking user habits into full consideration.

The small but compact AX PRO panel delivers a friendly experience for users.



### AX PRO M2

- 96** wireless inputs & outputs supported
- 6** wireless sounders supported
- 4** wireless repeaters supported
- 8** keypads & tag readers supported
- 36 h** long battery life
- 32** areas supported
- 5,000** event logs

-  RF frequency
-  IP module
-  Wi-Fi module
-  GPRS/3/4G module
-  IPC and PIRCAM supported
-  Dual SIM card design
-  Tri-X and CAM-X wireless technology
-  SMS for alarm events
-  Alarm voice call to end-users
-  Hik-ProConnect / Hik-Connect
-  SIA/CID protocol

### AX PRO M2H

- 96** wireless inputs & outputs supported
- 6** wireless sounders supported
- 4** wireless repeaters supported
- 8** keypads & tag readers supported
- 36 h** long battery life
- 32** areas supported
- 16** onboard inputs & 2 relay outputs
- 2** onboard 12 V power supply for wired detector
- 5,000** event logs



## PIRCAM Detector

Powered by battery and featuring a 12 m range, the wireless PIRCAM detector maintains a secure property.



- CAM-X wireless technology
- IFT technology
- Digital temperature compensation
- Up to 800 m transmission distance
- 12m, 85.9° detection range
- Up to 30 kg pet immunity
- Up to 20 photos fused into a GIF
- Up to 6 years battery life
- Wall mounting



**1.** Motion Detected



**2.** Alarm Triggered

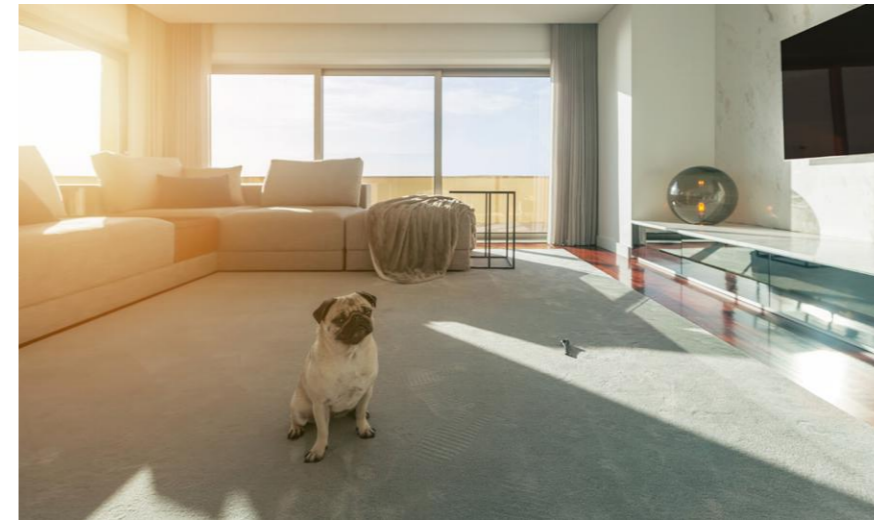


**3.** Motion Captured

**With PIRCAM,**  
**you can view snapshots of activations to verify alarms**  
 Alerting you even before the intruders realize that they're exposed. When the alarm is triggered, up to 20 photos will be sent to your Hik-Connect app and to the ARC.

## Motion Detector

Keeping on detecting. Fully programmable via app and featuring IFT and digital temperature compensation technology, the wireless motion detector really does have it all under control.



**Wireless PIR Detector**

- IFT technology
- Digital temperature compensation
- Tri-X wireless technology
- Up to 1,600 m transmission distance
- 15 m, 85.9° detection range
- Up to 30 kg pet immunity
- Wall mounting



**Wireless PIR Ceiling Detector**

- IFT technology
- Digital temperature compensation
- Tri-X wireless technology
- Up to 1,600 m transmission distance
- 12m, 360° detection range
- Ceiling mounting



**Wireless Dual-Tech Detector**

The PIR and microwave modules built into the wireless dual-tech detector make the detection more accurate and stable in extreme conditions.

- IFT technology
- Digital temperature compensation
- Tri-X wireless technology
- Up to 1,600 m transmission distance
- 12 m, 85.9° detection range
- Up to 30 kg pet immunity
- PIR + microwave technology
- Wall mounting









## Curtain Detector

With excellent detection range and technology, you're completely sorted to protect your windows and doors.



### Wireless PIR Curtain Detector

With excellent detection range and technology, you're completely sorted to protect your windows and doors.

-  IFT technology
-  Digital temperature compensation
-  Tri-X wireless technology
-  Up to 1,600 m transmission distance
-  15 m, 6.3° detection range
-  Wall mounting



### Wireless External Curtain Detector

-  Active IR Anti-masking
-  Digital temperature compensation
-  Tri-X wireless technology
-  PIR/ PIR + microwave variants
-  IP65 protective level
-  Up to 1,600 m transmission distance
-  10 m, 5° detection range
-  Wall / ceiling mount options



## Magnetic Detector

Utilizing the latest Tri-X wireless technology, the magnetic contact is versatile and easily configurable to suit a variety of needs and detect status of windows, doors etc.





### Wireless Slim Magnetic Detector

-  Tri-X wireless technology
-  Up to 1,200 m transmission distance
-  Vanishing installation







### Wireless Magnetic Detector

-  Tri-X wireless technology
-  Up to 1,600 m transmission distance
-  2-ch external zones for wired sensors
-  Surface mounting








### Wireless External Magnetic Contact

-  Tri-X wireless technology
-  Up to 1,600 m transmission distance
-  IP66 Protective level, UV stable
-  Surface mounting



### Wireless Magnetic Shock Detector






-  Tri-X wireless technology
-  Up to 1,600 m transmission distance
-  Combined shock and tilt detection
-  2-ch external zones for wired sensors
-  Surface mounting

## Glass Break Detector

Protects your windows and immediately alerts you if any intrusion happens around your windows. Ideal for conservatories, rooms with large windows and outhouses.









### Wireless Glass Break Detector

-  Tri-X wireless technology
-  Up to 1,600 m transmission distance
-  8 m, 120° detection range
-  2-ch external zones for wired sensors
-  Wall mounting



### Wireless PIR-Glass Break Detector




-  Tri-X wireless technology
-  IFT technology
-  Digital temperature compensation
-  Up to 1,600 m transmission distance
-  12 m PIR, 8 m glass break detection range
-  Up to 30 kg pet immunity
-  Wall mounting

## External Detector

The external detector that combines 2 PIR and 1 microwave technologies in one enclosure can effectively filter false alarms. It is also equipped with anti-masking detection so that sabotage behaviors will not be missed. Also you can choose to add the camera module to realize the video verification function.











### Camera Module

-  Resolution: 640 x 480, 320 x 240, 160 x 120
-  IP66 protective level
-  15 m IR fill light range



### Wireless Triple Signal Detector

-  Active IR anti-masking
-  Digital temperature compensation
-  Tri-signal detection logic
-  Anti-sway analytics
-  Tri-X wireless technology
-  Up to 1,600 m transmission range
-  15 m, 90° @ 180° coverage adjustable
-  IP65 protective level
-  Wall mounting



## Environment Detector

Hikvision environment detectors, with built-in various sensors, make sure to protect your house 24/7 and send early warning of water leaks, smoke and sharp jumps in temperature to reduce potential damage.



### Wireless Smoke Detector

- CAM-X wireless technology
- Up to 800 m transmission distance
- Chamber with photoelectric sensor
- >85 dB Buzzer
- Ceiling mounting

### Wireless Water Leak Detector

- Tri-X wireless technology
- Up to 1,000 m transmission distance
- IP66 protective level
- External probe included
- Wall / surface mounting

### Wireless Temp-Humidity Detector

- Tri-X wireless technology
- Up to 1,200 m transmission distance
- On-screen Display
- External probe included
- Wall mounting

### Wireless Heat Detector

- Tri-X wireless technology
- Temperature sensor
- Up to 1,600 m transmission distance
- >85 dB buzzer
- Ceiling mounting

### Wireless Smoke Detector

- Tri-X wireless technology
- Smoke sensor
- Up to 1,600 m transmission distance
- >85 dB buzzer
- Ceiling mounting

### Wireless CO Detector

- Tri-X wireless technology
- Carbon monoxide sensor
- Up to 1,600 m transmission distance
- >85 dB buzzer
- Ceiling mounting

## Keypad

Stable, secure and straightforward arming. Fully customizable and robust, the keypad and keyfob are the perfect arming/disarming partner.



**NEW**



### Wireless LCD Keypad

- Up to 1200m transmission distance
- LCD Screen Display
- Built-in Tag Reader

### Wireless LED Keypad

- Up to 1,200 m transmission distance
- One-touch call for help

### Wireless Key Fob

- Up to 900 m transmission distance
- Key combination customization

## Panic Button

Discreet and portable, raise an alarm with minimal fuss and straight-forward set up of the both fixed and portable wireless panic button.



### Wireless Panic Button

- Up to 1,200 m transmission distance
- One-touch alarm
- Wall mounting



### Wireless Portable Panic Button





- Up to 1,000 m transmission distance
- One-touch alarm
- Accidental press protection, portable accessory

## Sounder

Both the internal and external sounder offer up to 110 dB alarm volume, keep you stay alerted when it matters most.






### Wireless External Sounder

-  Up to 1,600 m transmission distance
-  Up to 110 dB sounder output
-  IP 65
-  4 CR123A / 12 VDC





### Wireless Intercom Siren

-  Up to 1,000 m transmission distance
-  Up to 110 dB audio alarm
-  Intercom connects with ARCs



### Wireless Indoor Sounder






-  Up to 1,600 m transmission distance
-  Up to 110 dB sounder output

## Repeater

The wireless repeater, supports both Tri-X and CAM-X wireless protocol, multiple enrollment methods, two-way wireless communication, and auto-pairing, is used for extending RF distance in alarm systems.



### Wireless Repeater

-  Tri-X and CAM-X wireless technology
-  Up to 1,600 m transmission distance
-  Auto pairing with detectors and peripherals
-  Long battery backup time
-  PIRCAM supported









## Automation Peripheral

Hikvision smart plugs and relays allow you to control and automate electric locks, doors, sounders and other appliances using the Hik-Connect apps. Users can also set up automation by schedule or different triggered events.









**Wireless Smart Plug**

-  Tri-X wireless technology
-  Up to 1,600 m transmission distance
-  100 VAC to 240 VAC, 50/60 HZ , Max. 10A
-  Voltage and current protection
-  Consumed energy display
-  Triggered by different events









**Wireless Relay Module**

-  Tri-X wireless technology
-  Up to 1,800 m transmission distance
-  One-way output and one-way tamper input
-  NO/NC, 0 to 36 VDC, Max. 5 A
-  Voltage protection
-  Triggered by different events



**Wireless Wall Switch**

-  Tri-X wireless technology
-  Up to 1,600 m transmission distance
-  One-way output
-  NO/NC, AC 100 to 240v, Max. 13 A
-  Voltage and current protection
-  Triggered by different events



## Other Peripherals



**Wireless Single Input Transmitter**

- Tri-X wireless technology
- Up to 1,700 m transmission distance
- 3.3 V voltage output for wired detector
- 1-ch wired detector input



**Multiple I/O Transmitter**

- Tri-X wireless technology
- Up to 1,100 m transmission distance
- 16 inputs and 2 outputs
- 2 onboard 12 V power supply for wired detector



**AX PRO PSU Module**

- Compatible with AX PRO
- Up to 2 A input/output current
- 8-24 VDC wide range of power supply



**AX PRO Series Demo Box**

- Fast deploy whole AX PRO system
- Convenient transportation
- Meet showcase requirements