

Commercial Building Solution

Transform buildings with AIoT intelligence

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HIKVISION®

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Hikvision Solutions for Commercial Buildings

Smart commercial buildings leverage advanced technology to significantly boost operational efficiency and elevate user experience. This evolution redefines the capabilities of modern buildings, fundamentally transforming facility management and occupant engagement.

As a leading AIoT solution provider, Hikvision empowers this transformation through integrated smart building systems. Combining video expertise with AIoT technologies, we create secure, comfortable environments while enabling comprehensive digital transformation across building lifecycles—from construction and marketing to operations and maintenance.



Advanced AIoT Capabilities

Multidimensional Smart Perception

Leveraging full-stack spectrum sensing capabilities combined with AI and IoT technologies, Hikvision achieves comprehensive environmental perception.



Deep Integration of IoT & Information Systems

IoT data and business systems are deeply integrated, enabling cross-domain data analysis to maximize operational value extraction.

Large-Scale AI Models

Hikvision's large-scale AI models drive evolutionary upgrades via deep learning algorithms and hardware platforms, reducing data dependency while optimizing AI performance for building transformation.



Agile Digital Intelligence Applications

Rapid deployment of scalable applications enables closed-loop event management and agile response capabilities, accelerating building digitalization.



Smart Vision for Smarter Spaces

Hikvision transforms commercial buildings into intelligent ecosystems with AIoT. Our integrated solution elevates security management, property service, and intelligent operation. The platform enables data-driven decisions, improves safety, and enhances user experience while ensuring scalability for future needs.

Professional Security Practices

Safety Management

Perimeter Protection

Related Products

DeepinView Camera, Thermal Camera



AR Live Monitoring

Related Products

TandemVu Camera



Patrol Management

Site Patrol

Related Products

MinMoe, Body Worn Camera



AI Video Patrol

Related Products

DeeinMind M(AIOP)



Fire Safety Protection

Related Products

Thermal Camera, Smoke Detector, FAS



Search by Text

Related Products

DeepinMind NVR, I/V pro NVR



Property Management Services

Personnel Management

Quick Entry for Authorized Personnel

Related Products

Face Recognition Terminal, Swing Barrier



Visitor Services

Related Products

Visitor Terminal



Elevator Integration

Related Products

Elevator Controller, Wireless Bridge



Vehicle Management

Vehicle E&E Mgmt.

Related Products

ANPR Camera, Intercom, Barrier

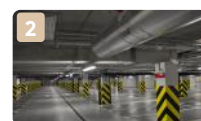


Electric Vehicle Charging

Parking Guidance

Related Products

Guidance Camera, LED Display



Parking Operation

Related Products

Ticket Station, Payment station, HikCentral Professional Software

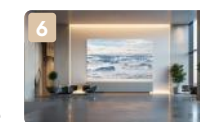


Rapid Information Dissemination

Information Display

Related Products

Commercial Display, Digital Signage



Digital Meeting Room

Related Products

IFPD, Professional Audio, Scheduling Panel



Public Address

Related Products

IP Speaker



Intelligent Operation

Digital Twin

Related Products

UIPower Software



Energy Consumption

Related Products

HikCentral Professional Integration Addon



Operation Center

Related Products

LED Display, Central Storage





Professional Security Practices

| Safety Management

Perimeter Protection

24/7 Proactive Protection – Hikvision cameras and sensors deliver uninterrupted security for residential areas. Any detected intrusion immediately triggers real-time alerts to the management center, ensuring swift incident response.

Scenario-Adaptive Solutions – We provide customized, multi-layered security through video analytics, all-weather thermal imaging, and long-distance fiber optic sensing—tailored to specific scenario challenges.



AI-Powered Precision – Equipped with large model algorithms, our system can handle complex tasks with higher accuracy, adapt to more complicated scenarios, boosting detection accuracy while reducing false alarm rates.

Large-Scale AI Model
False positives 98%↓
(Compared with traditional algorithms)

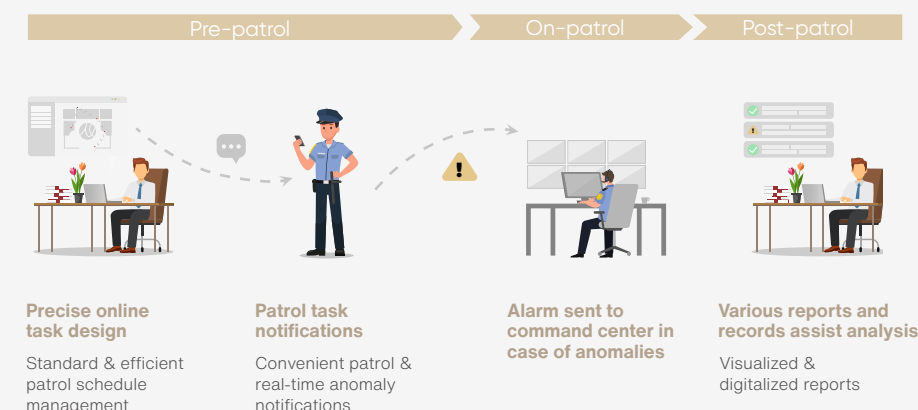
Higher Data Input Volume
More Computing Power
Larger Set of Characteristics



HIKVISION

| Patrol Management

Site Patrol



Multi-Patrol Point
Support: MinMoe, Traditional
Access Controller, QR code.

Security managers centrally plan routes on HikCentral Professional platform, while security guards execute tasks via mobile apps with MinMoe terminal check-ins. All patrol records auto-sync to the platform, eliminating missed inspections.



Security staff wear Body-Worn Cameras (BWC) to capture evidentiary footage during patrols, with integrated one-touch alarms safeguard them. Docking stations simultaneously charge devices and enable automatic evidence backup.

Body Worn Camera



Dock Station



AI Video Patrol

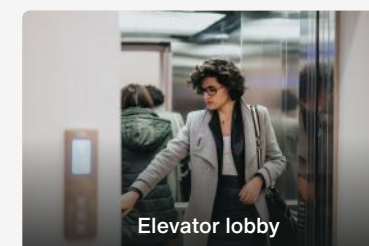
Beyond conventional video patrol, Hikvision cameras can run custom AI algorithms to automatically identify anomalies—like loitering near pools or road damage detection. We also support algorithm training tailored to specific scenarios, enhancing inspection efficiency when deployed on cameras or NVR devices.



Public area



Facilities room



Elevator lobby



Garbage room

Call & Smoking

Fire & Smoke

Trash Overflow

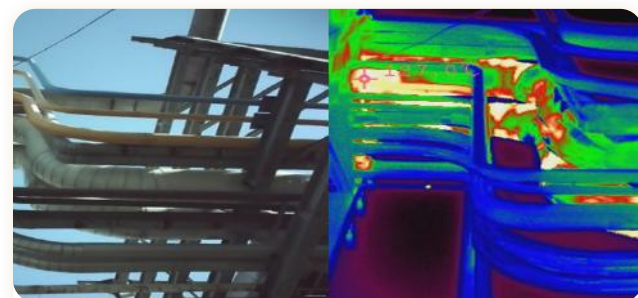
Fall Down

Fire Door Stacking



Fire Safety Protection

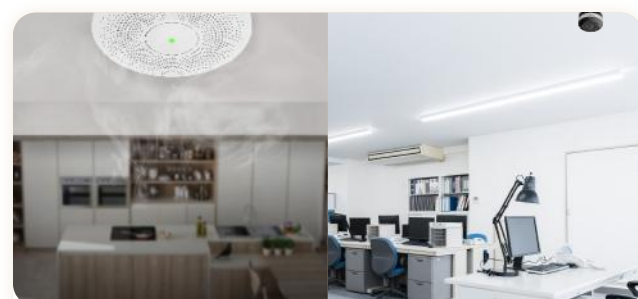
Multi-dimensional Detection for Enhanced Awareness – Detect threats before flames ignite. Conventional sensors often miss early-stage fumes; Hikvision solution enables proactive intervention to prevent significant loss.



Thermal camera detects temperature exception



Flame detection by AI video and temperature



Smoke detection and video double verification, keep aware even in a dangerous situation.



Handheld thermography camera for facility maintenance and other patrol service



Efficient Evacuation – Keep personnel safe in emergencies with essential actions like keeping doors open when the alarm system triggers roll calls of stranded personnel. Easily count and verify everyone's safety by swiping badges at the access control terminals.



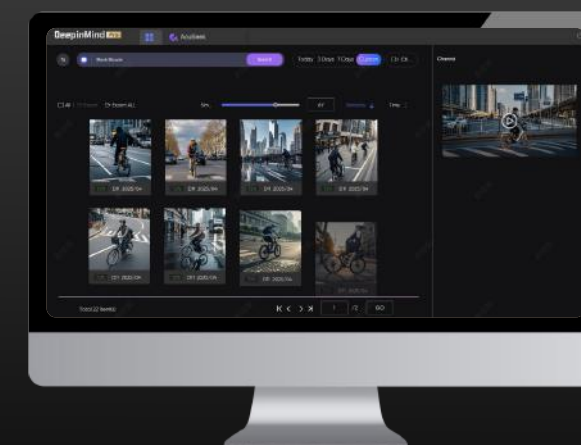
1. Fire alarm
2. Audio linkage
3. Assembly point roll call
4. Evacuation list analysis



HIKVISION

Search by Text **AcuSeek**

AI-Powered Content Search – AcuSeek is Hikvision's intelligent search solution powered by large-scale AI models, delivering instant, actionable insights without complex queries. Describe events, upload images, or click features. AcuSeek instantly locates footage!



Search broadly

Search for a wide range of things such as persons and vehicles

Search instantly

Type a word, upload images, or select preset features to find objects in seconds

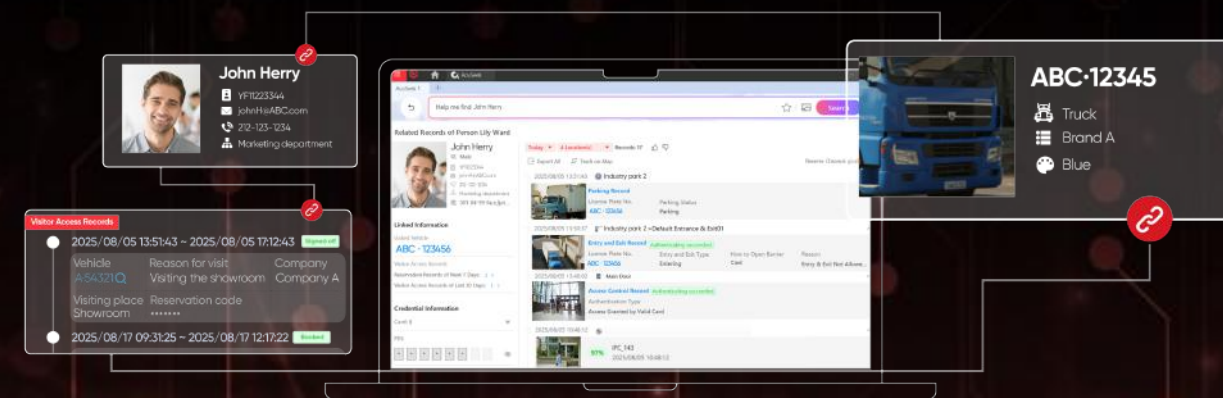
Search seamlessly

Discover search connections across devices and records

Search multilingually

Support for over 30 languages with natural language processing

Correlate all your records in one powerful platform – HikCentral Professional platform now features AcuSeek. Additionally, the platform integrates with compatible hardware to deliver comprehensive search tailored to your scenario.





Property Management Services

Personnel Management



Speed Gates



Quick Entry for Authorized Personnel

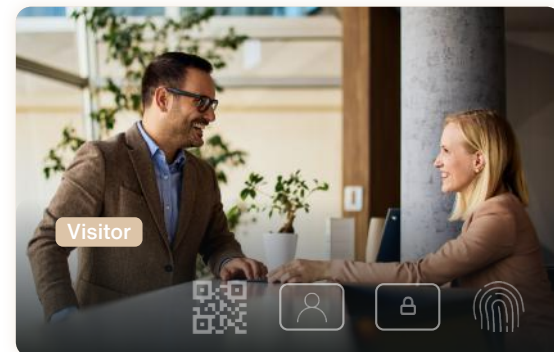
Flexible attendance/access rule configuration for authorized personnel, supporting multi-factor authentication (face, palm & vein*, card, QR code, etc.) for swift and non-contact entry, as well as diversified attendance reports for enhanced operation.

* Palm & vein recognition is applied in scenarios requiring higher security level.

Visitor Services

Our solution provides visitors with paperless and luxury experience, making access secure and easier.

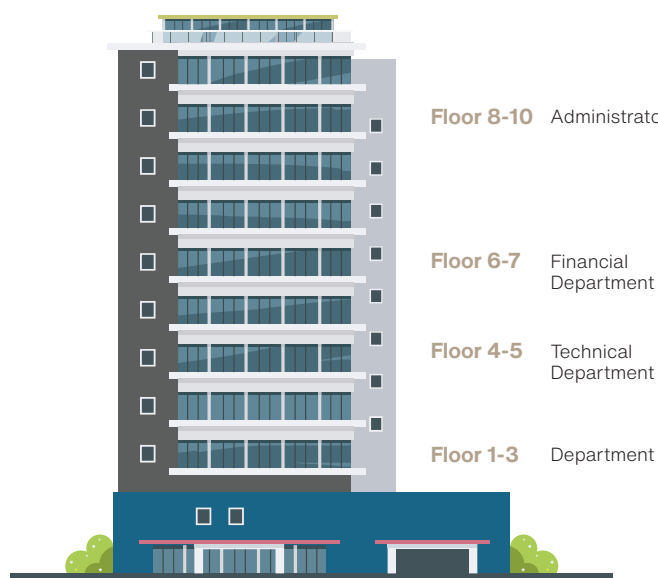
- 01 Scan QR code to register in advance
- 02 Approve registration
- 03 Visitors check in by QR code or face directly



Visitor



Visitor Terminal



Elevator Integration

Securing Authorized Floor Access – The access system determines user permissions and the controller selectively activates elevator buttons only for permitted floors.



Face recognition terminal



Elevator controller

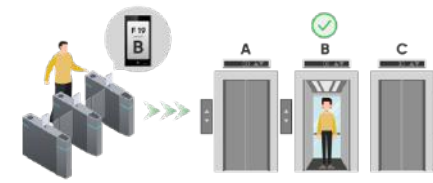


Floor Button

Identification: floor permission F15

Elevator allocation: B

Go



Optimized DOAS Benefit – In Additionally, the Destination Dispatch System (DOAS) streamlines operations by assigning optimally efficient elevators, reducing passenger wait times and lowering energy consumption.

Vehicle Management

Entrance & Exit Management

Enhancing the employee experience with non-stop authentication.



- ANPR recognition for non-stop & automated vehicle entry/exit
- Ensuring on-site safety with flexible vehicle access rules
- Easy retrieval of vehicle access records, fee payments, and operator logs



ANPR camera



Outdoor LED display



Barrier

Electric Vehicle Charging

Convenient EV charging with self-payment, change services and record security evidencing:



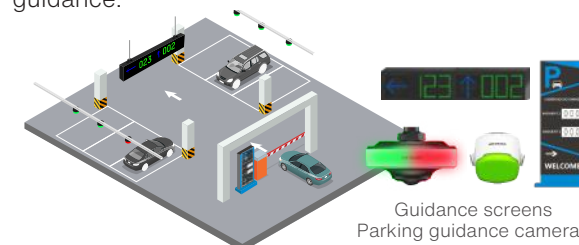
CN DC 120KW OCPP Dual Plug

EU AC 22KW OCPP

- Identification of new energy vehicles and fuel vehicles by cameras
- License plate recognition, charging parking space reservation
- Unified payment of parking space occupy and parking fees

Parking Guidance

Elevating the parking experience via full-cycle visual guidance.



Guidance screens
Parking guidance cameras

- Display of vacant parking spaces in each direction
- Multi-color light indications of parking space type and status
- Self-service inquiry of vehicle parking locations
- Support ANPR to make sure VIP space for VIP vehicle only

Parking Operations

Maximizing operational efficiency and returns using management statistics.



Payment Machines

- Flexible billing and scheduling for the varying needs of parking lots
- Graphical parking fee statistics reports of parking lot revenue that can be viewed by parking lots, fee types, vehicle types, etc., to better evaluate status



Information Display

Transform commercial building management with digital signage – Deploy dynamic information displays to captivate audiences while efficiently managing content remotely—eliminating manual updates and streamlining workflows. Simultaneously, tap into new revenue streams through integrated advertising solutions. Plus, our customizable LED posters seamlessly assemble into striking video walls, perfect for immersive meetings or high-impact event displays.



Digital Meeting Room



Reservation

Select a meeting room that is available at the desired time and fill in the information such as meeting topic and attendants.

Check in

Unused rooms free up automatically after check-in time expires.



Meeting

Smart interactive panels feature built-in whiteboards for flexible annotation, wireless collaboration via Zoom/WebEx, and remote power management.

Check out

Uncanceled occupancy triggers thermal detector, initiating BMS-controlled lighting/AC deactivation for energy efficiency.

Public Address

Enhancing public security and operational efficiency while creating a relaxing environment.

- 01 Alarm linkage with pre-recorded audio for real-time alerts and warnings
- 02 Provides real-time property announcement via IP speaker by property manager
- 03 Plays background music to create relax environment for employees

Intelligent Operation

Digital Twin



By building a virtual 3D model which can accurately reflect the physical object, and add the key elements such as person, vehicle and AIoT devices on it, managers are able to have a more intuitive understanding of asset layout and space of the whole building.

Energy Consumption Management

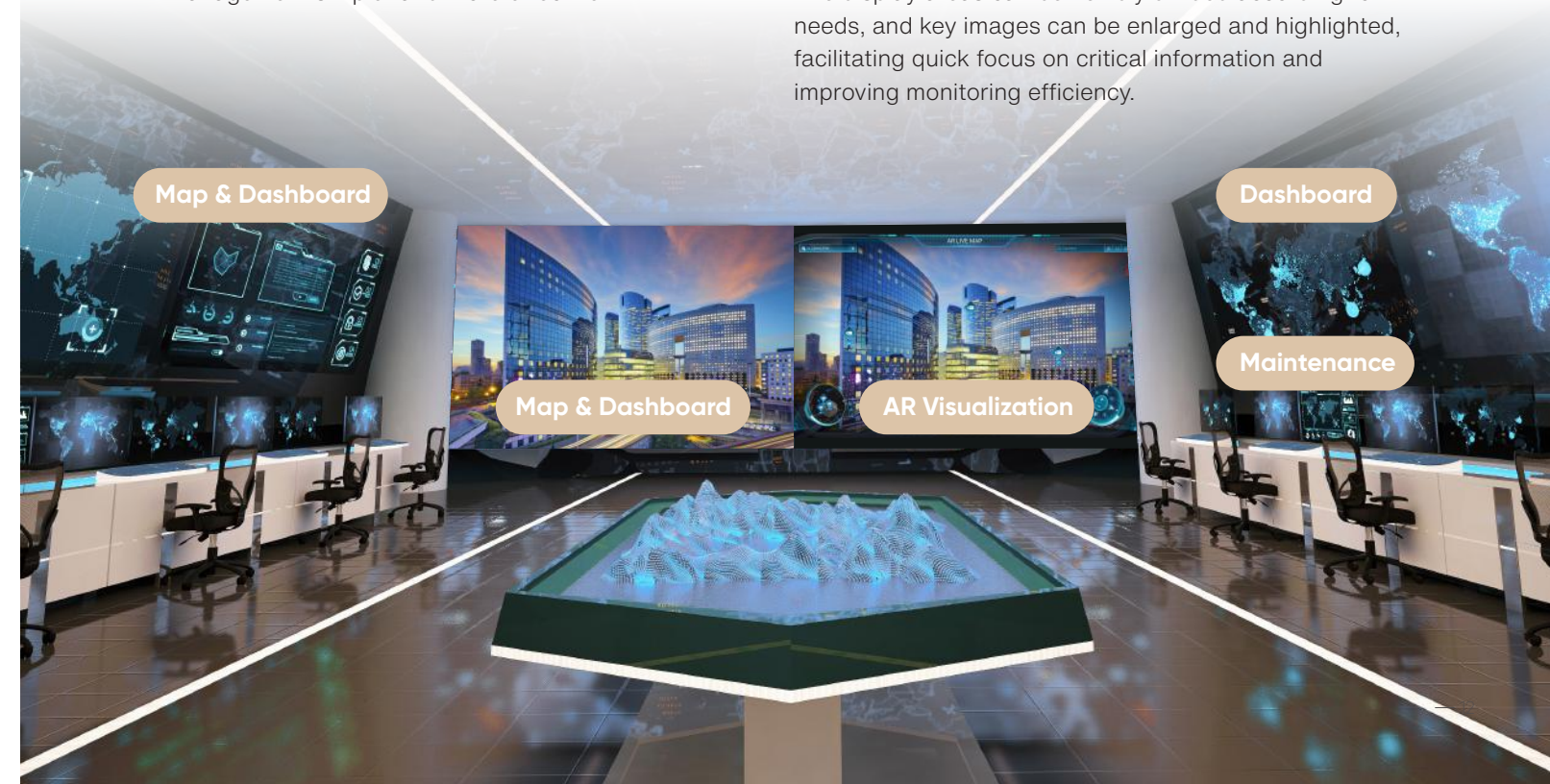


Hikvision solution brings all building systems into one platform, compatible with Building Automation and Control networks (BACnet). Through BACnet, the system can automatically regulate HVAC systems and lighting systems within the building, thus optimize energy usage.

Central Management

All subsystems are unified on one unified platform for monitoring, incident handling, remote control, and maintenance, helping control room staff make management simpler and more effective.

All information is displayed in a centralized manner, including operation & admin, marketing information, security status, property management, and IT support. The display areas can be flexibly divided according to needs, and key images can be enlarged and highlighted, facilitating quick focus on critical information and improving monitoring efficiency.





Product Showcase

Panoramic Cameras



Face Recognition Terminal
DS-K1T673TDX

- 7-inch LCD touch screen, 2 Mega pixel wide-angle lens
- Recognition distance: 0.3 to 3 m
- Face recognition duration < 0.2 s/User
- Face recognition accuracy rate ≥ 99%



Prime Pass Swing Barrier
DS-K6B630TMPQX

- 7-inch display screen and built-in face recognition camera
- Supports palm or QR code recognition
- Support PC & mobile web configuration and self-diagnosis for maintenance



Elevator Controller
DS-K2220X

- Storage with 50,000 users, 100,000 cards, 300,000 events and 30,000 fingerprints
- Up to 128 floors' permissions

Parking System



All-in-One Entrance & Exit
DS-TMC407-EH

- Highly integrated with fast-speed barrier gate, smart capture camera, supplement light, LCD display, anti-fall radar, help button, voice prompt, and two-way audio



Parking Guidance Camera
DS-TCP440-DB

- HD 4.0 MP camera
- Support ANPR (accuracy ≥ 99.5%), detection of the parking space status (accuracy ≥ 99.99%), and smart analysis of crossing over line, motion detection, etc.



On-Street Parking Camera
IDS-TCR803-G

- Support the capture recognition of vehicles driving in and out of parking spaces, and support character overlay
- Support functions of dustproof, waterproof drop, anti-surge, etc.

Cameras & Storage



DeepinViewX Camera
IDS-2CD7A4662/V-XZHSY

- High quality imaging with 4 MP resolution
- DarkFighter technology
- Features 140 dB WDR technology
- Perimeter detection with large-scale AI model. Detection range up to 100 m
- IP67/IK10/NEMA 4X(-Y)



DeepinView PTRZ Camera
IDS-2CD754762

- High quality imaging with 4 MP resolution
- DarkFighter 2.0 technology
- Features 150 dB WDR technology
- Unique PTRZ capability for efficient installation and maintenance
- IP67/IK10/NEMA 4X(-Y)



TandemVu Ultra
DS-2SF8C848MXG1

- Captures a large area and great details at the same time
- High quality imaging with 4 MP resolution for bullet channel, 8 MP for PTZ channel
- 24/7 colorful imaging and excellent low-light performance with DarkFighter 2.0 technology
- Secures an expansive area with 48 × optical zoom and 16 × digital zoom



DeepinView Fisheye Camera
DS-2CD636561-IVS

- "4+1" intelligent functions: heat map, intersection analysis, people counting, queue management + HEOP
- Multi dewarping modes: the image can be dewarped to normal image for viewing intuitively
- Built-in mic and speaker
- IP67/IK10



DeepinMind Pro Series with AcuSeek
IDS-9632NXI-P8

- Up to 32-ch IP cameras can be connected
- Up to 2-ch@32 MP – 32-ch@1080p decoding capacity
- Intelligent analytics based on Guanlan Large-Scale AI Models
- Up to 32-ch AcuSeek and AcuSearch function



DeepinMind M Series (AIOP)
IDS-6732NXI-M1/AI

- Up to 32-ch IP cameras can be connected
- Up to 2-ch@32 MP – 32-ch@1080p decoding capacity
- Deep learning based video analytics, including people running detection, people gathering detection, violent motion detection, using mobile phone detection, etc.

Commercial Display



65-inch Slim Digital Signage
DS-D6065UN

- Cortex-A55, 4-core, 4 GB memory, 32 GB built-in storage, Andriod13, 4K, Industrial A+ interface, 500cd/m², 25% haze, RJ45/USB/WIFI, HDMI input x 3, DP 1.2 x 1



LED Poster
DS-D4512CH-1FQF

- P1.2 LED Poster G0B Flight Case
- The cabinet features a highly integrated, lightweight, and streamlined design with a magnetic butterfly-frame, enabling fast horizontal splicing and flexible combinations



Digital Signage Box
DS-D60E-B

- Digital signage box, Andriod8.1.0, HDMI output, working with normal monitor or LCD/LED video wall, support schedule or self-define play video, audio, picture and document

Conference Devices



86-inch 4K Interactive Display
DS-D5C86RB/B(EDLA)

- Anti-glare and anti-blocking design
- Dual systems of Android and Windows
- Quick response, at most 50-points touch control and smooth writing experience
- Built-in network switch chip
- All-in-one design with tempered glass and intelligent temperature control



Scheduling Panel
DS-D5F10CB/HH

- 10-inch Scheduling Panel, support Hispire SMM
- Face and swipe card sign-in authentication
- Meeting information display: Meeting topic, meeting room information, host, time and other information according to the meeting status



All-in-One Video Bar
IDS-UVC-X28-B

- The all-in-one design integrates a camera, microphone, and speaker, easily meeting the needs of video conferencing
- Equipped with an 8 microphones array, built-in full-range, high definition speaker
- Support smart functions, including auto framing, speaker tracking and close-up group

Audio Devices



Network Column Speaker 30W
DS-QAZ1430G1

- Adopt high-speed industrial grade dual core chips, built-in NOR Flash+EMMC dual storage, support dual backup of the system
- Low frequency 5.25" × 2, high frequency 1" × 1
- Sensitivity (1 m, 1 W): 91 dB
- Max. SPL: 97.5 dB
- Frequency response: 100 Hz to 20 kHz
- Support schedule /live/ emergency broadcast, alarm linkage, two-way audio, TTS



Network Horn Speaker 7W
DS-QAZ1307G1T-E

- Adopt high-speed industrial grade dual core chips, built-in NOR Flash+EMMC dual storage, support dual backup of the system
- Sensitivity (1 m, 1 W): 110 dB
- Max. SPL: 121 dB
- Frequency response: 300 Hz to 13 kHz
- Support PoE
- Support schedule /live/ emergency broadcast, alarm linkage, two-way audio, TTS



Network Ceiling Speaker 6W
DS-QAZ1206G1-BE

- Adopt high-speed industrial grade dual core chips, built-in NOR Flash+EMMC dual storage, support dual backup of the system
- Full frequency 5" × 1
- Sensitivity (1 m, 1 W): 93 dB
- Max. SPL: 100 dB
- Frequency response: 300 Hz to 15 kHz
- Support PoE
- Support schedule /live/ emergency broadcast, alarm linkage, TTS

Conference Devices



LED Module
DS-D4012BW-2FC

- P1.2, COB, 300 x 168.75 mm
- Highly integrated and compatible cabinet with simple and lightweight design
- Automatically identify high-brightness and harsh picture details and adjust the brightness of the partial zones with dynamic engine algorithms adopted



Nameplate Camera
DS-MCC216/646/WIFI

- With low power consumption, 2.13" electronic ink screen provides clear display effect in daytime and manual configuration of the digital nameplate information
- Light and small. Approx. 52 g
- Supports Wi-Fi connection, live view and control via mobile App
- Data loss prevention function



Digital Twin Software
HikCentral iVisual-UIPower

- An intuitive and clear data visualization platform that provides rich 2D, 3D, map, effect, animation components, and helps users build digital scenes