HIKVISION®

See Far, Go Further

AX PRO Wireless
Intrusion Alarm System
AN INTELLIGENT SYSTEM
WITH CONVERGENT SOLUTIONS
433 MHZ VERSION

HIKVISION®

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
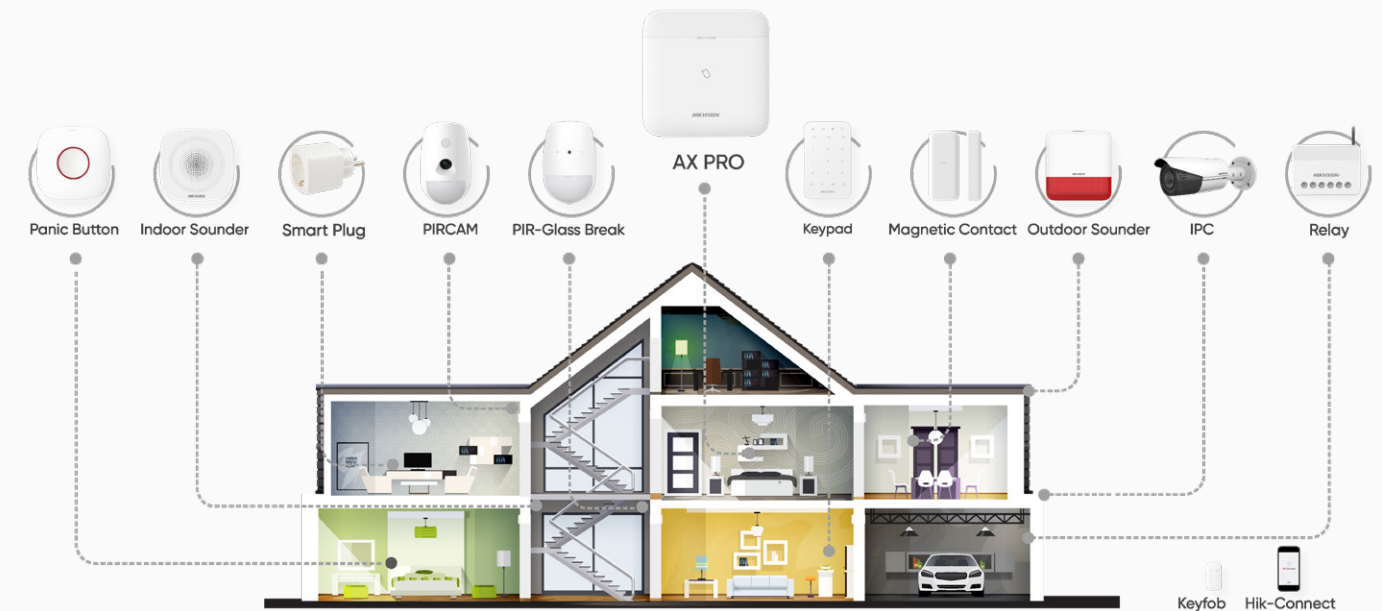security systems of the past with the simplicity of tomorrow's best technology.

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.

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.

Keyfob   Hik-Connect

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

AX PRO

Panic Button   Indoor Sounder   Smart Plug   PIRCAM   PIR-Glass Break   Keypad   Magnetic Contact   Outdoor Sounder   IPC   Relay

Keyfob   Hik-Connect

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.
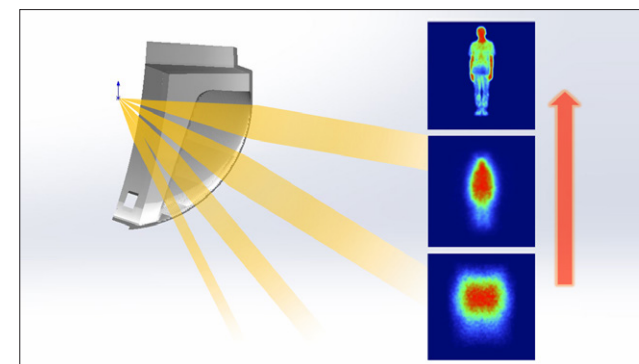

Intruder Verification as a Service
for Instant and Efficient Visual Verification

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.
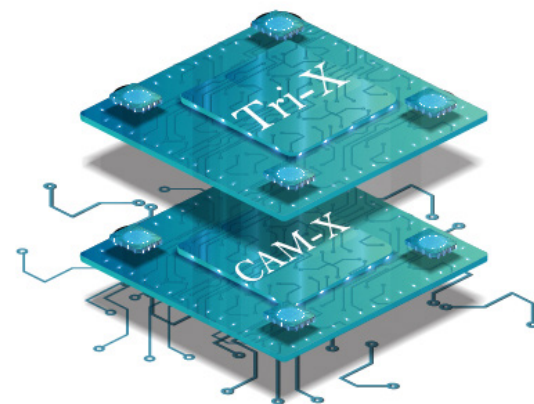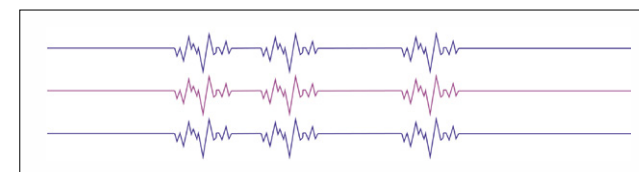

TRI-X & CAM-X Technologies
for Stable Ultra-long Distance Wireless Transmission

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.


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.

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.
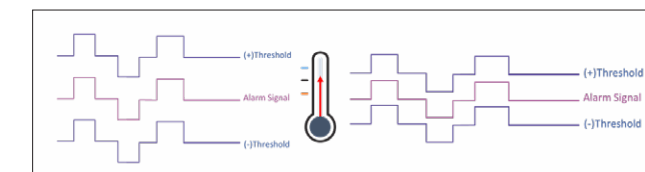
Digital Temperature Compensation Technology

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.
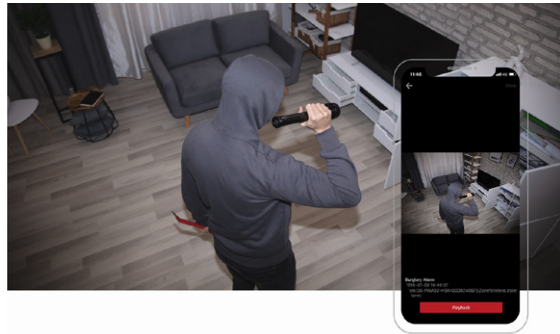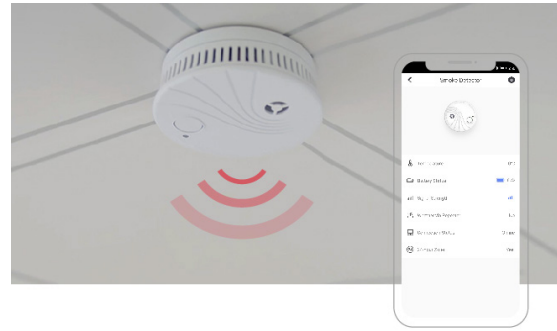
Breakthrough Security at Your Fingertips

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.

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.

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.

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.
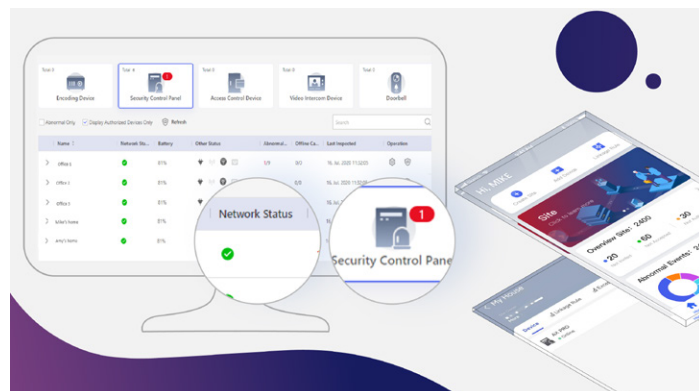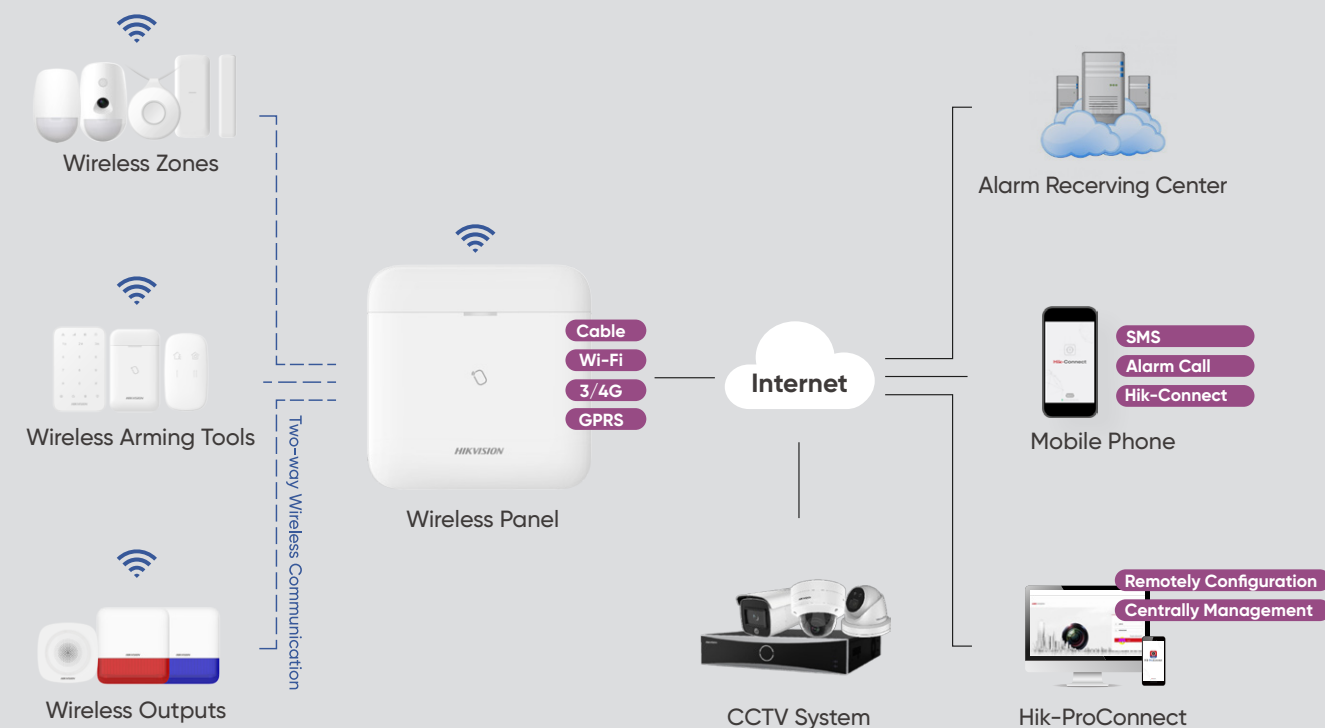

Maintain Your Alarm System in a Simple Way

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.

Wireless Zones

Wireless Arming Tools

Two-way Wireless Communication

Wireless Outputs

Wireless Panel

Cable
Wi-Fi
3/4G
GPRS

Internet

Alarm Recerving Center

Mobile Phone

SMS
Alarm Call
Hik-Connect

CCTV System

Hik-ProConnect

Remotely Configuration
Centrally Management

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

System Status Indicators

LAN Interface (RJ45)

Power Supply LED

Power Supply

Power Switch

Tamper Switch

SIM Card Slots

Built-in Tag Reader

Reset Button
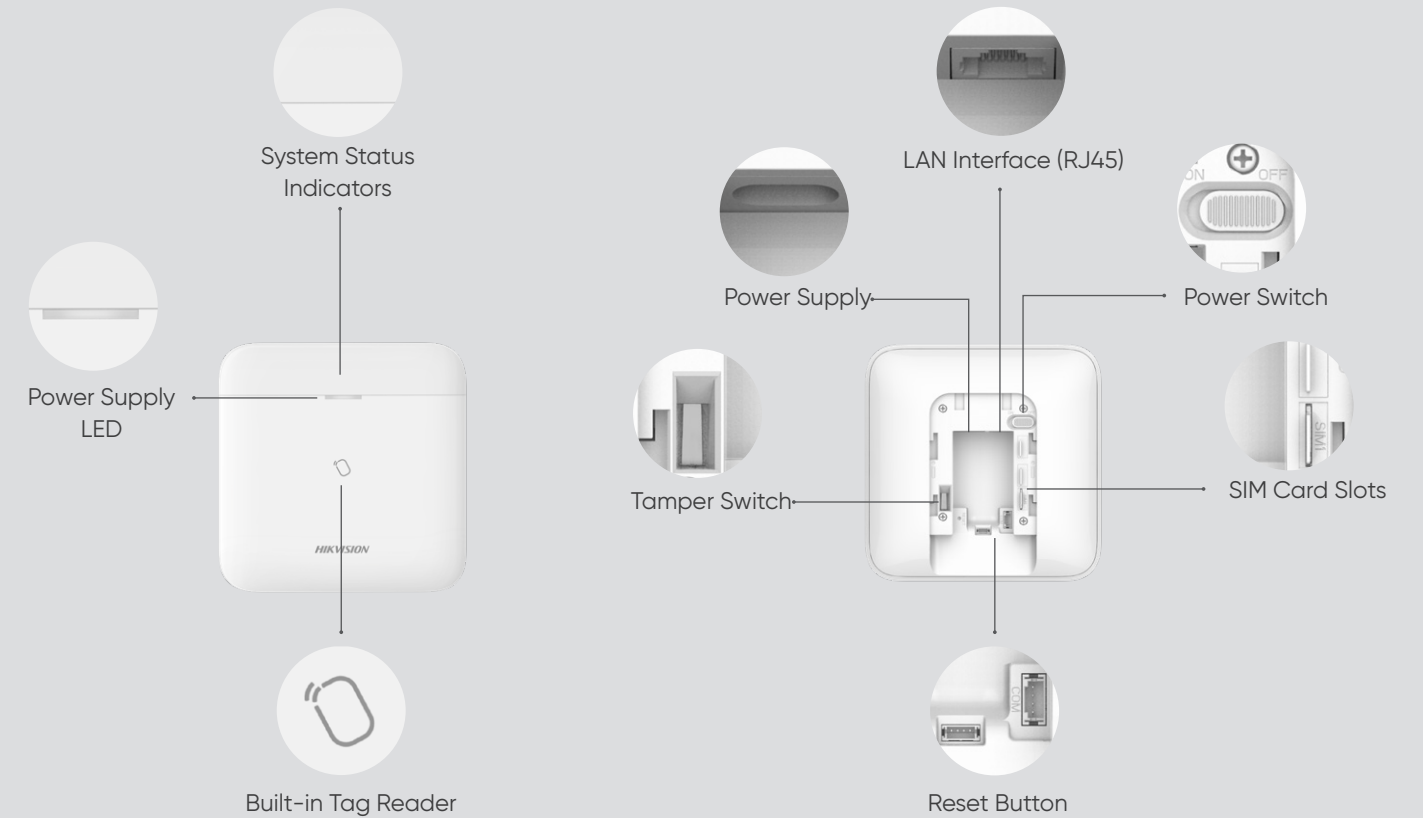
Taking user habits into full consideration.
The small but compact AX PRO panel delivers a friendly experience for users.

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

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

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

PIRCAM Detector

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

1. *Motion Detected*

2. *Alarm Triggered*

3. *Motion Captured*

- 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

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 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 1,200 m transmission distance
- 12 m, 85.9° detection range
- Up to 30 kg pet immunity
- PIR + microwave technology
- Wall mounting

Wireless PIR Detector

- IFT technology
- Digital temperature compensation
- Tri-X wireless technology
- Up to 1,200 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 1,000 m transmission distance
- 12m, 360° detection range
- Ceiling mounting

Curtain Detector

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

Wireless External Curtain Detector

- Active IR Anti-masking
- Digital temperature compensation
- Tri-X wireless technology
- PIR/ PIR + microwave variants
- IP65 protective level
- Up to 1,000 m transmission range
- 10 m, 5° detection range
- Wall / ceiling mount options

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 1,200 m transmission distance
- 15 m, 6.3° detection range
- Wall mounting

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 External Magnetic Contact

- Tri-X wireless technology
- Up to 1,000 m transmission distance
- IP66 Protective level, UV stable
- Surface mounting

Wireless Slim Magnetic Detector

- Tri-X wireless technology
- Up to 1,000 m transmission distance
- Vanishing installation

Wireless Magnetic Detector

- Tri-X wireless technology
- Up to 1,200 m transmission distance
- 2-ch external zones for wired sensors
- Surface mounting

Wireless Magnetic Shock Detector

- Tri-X wireless technology
- Up to 1,000 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 1,000 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 1,000 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 1,000 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 800 m transmission distance
- On-screen Display
- External probe included
- Wall mounting

Wireless Heat Detector

- Tri-X wireless technology
- Temperature sensor
- Up to 1,000 m transmission distance
- >85 dB buzzer
- Ceiling mounting

Wireless Smoke Detector

- Tri-X wireless technology
- Smoke sensor
- Up to 1,000 m transmission distance
- >85 dB buzzer
- Ceiling mounting

Wireless CO Detector

- Tri-X wireless technology
- Carbon monoxide sensor
- Up to 1,000 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.

Wireless LCD Keypad `NEW`

- Up to 800m transmission distance
- LCD Screen Display
- Built-in Tag Reader

Wireless LED Keypad

- Up to 900 m transmission distance
- One-touch call for help

Wireless Key Fob

- Up to 500 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 800 m transmission distance
- One-touch alarm
- Wall mounting

Wireless Portable Panic Button

- Up to 800 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 900 m transmission distance
- Up to 110 dB sounder output
- IP 65
- 4 CR123A / 12 VDC

NEW

Wireless Intercom Siren

- Up to 800 m transmission distance
- Up to 110 dB audio alarm
- Intercom connects with ARCs

Wireless Indoor Sounder

- Up to 900 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 800 m transmission distance
- Auto pairing with detectors and peripherals
- Long battery backup time
- PIRCAM suppported

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 Relay Module

- Tri-X wireless technology
- Up to 800 m transmission distance
- One-way ouput 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 800 m transmission distance
- One-way output
- NO/NC, AC 100 to 240v, Max. 13 A
- Voltage and current protection
- Triggered by different events

- Tri-X wireless technology
- Up to 800 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 Smart Plug

Other Peripherals

Wireless Single Input Transmitter

· Tri-X wireless technology

· Up to 1,300 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 800 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