



Residential Community Solution

Build safer, smarter architecture for everyone

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HIKVISION®

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Hikvision Solutions for Residential Community

As the world enters the AIoT era, the real estate industry is embracing new opportunities. Digital power is driving that movement. Boosted in part by AIoT technologies and its automated sensors and systems, the shift toward smart residential community and construction practices will see expanded flexibility, sustainability, and digitalization.

As a leading AIoT solution provider, Hikvision integrates AIoT technology with advanced video equipment to launch smart residential solutions. These solutions include three core functional modules: smart security, property services, and data integration, which together build a safe, efficient, and intelligent modern community management system. They create a secure, convenient, and low-stress environment for residents and employees, while assisting real estate enterprises in realizing the digital transformation of the entire building lifecycle — from construction and marketing to operation and maintenance.





Smart Living, Simplified

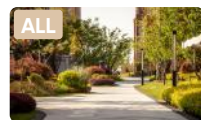
Hikvision's intelligent video and AIoT solutions transform properties by delivering the safety, convenience, and peace of mind today's residents demand while empowering property managers to digitize their entire operation from construction and marketing through daily management. Our smart technology creates seamless, secure living experiences for residents and helps real estate enterprises boost operational efficiency, reduce costs, and strengthen their brand through intelligent automation—one comprehensive solution for complete transformation.

Professional Security Practices

Video-based Security Protection

Intelligent 24/7 Video Protection

Related Products
DeepinView Camera



AR Map for Enhanced Situational Awareness

Related Products
TandemVu Camera



Perimeter Protection

24/7 Proactive Protection Scenario-Adaptive Solutions AI-Powered Precision

Related Products
DeepinView X Camera,
Thermal Camera



Efficient Tracing of Abnormal Events

Instant AcuSeek Video Retrieval End-to-end Solutions

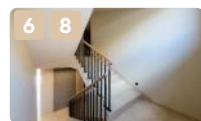
Related Products
DeepinMind NVR
HikCentral Professional



Fire Detection

Multi-dimensional Detection for Enhanced Awareness Efficient Evacuation

Related Products
Thermal Camera,
Smoke Detector, FAS



Enhanced Living Experience

Intelligent & Connected Living Experience Proactive Home Security

Related Products
Healthcare Radar, AX PRO
Intrusion Alarm



Site Patrol

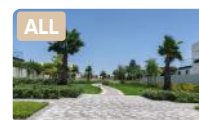
Enhanced Patrol Management

Related Products
MinMoe, Body Worn Camera



AI Video Patrol

Related Products
DeeinMind M (AIOP)



Central Management

Intuitive Display & Management

Related Products
LED Display, Central Storage,
HikCentral Professional



Rapid Information Dissemination

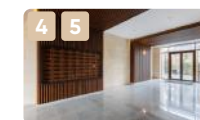
Public Address

Related Products
IP Speaker



Information Display

Related Products
Digital Signage, Video Intercom



Property Management Services

Personnel Management

Quick Entry for Authorized Personnel

Related Products
Face Recognition Terminal,
Swing Barrier



Visitor Services

Related Products
Hik-Connect, Video Intercom



Video Intercom Linkage with Elevator Control

Related Products
Elevator Controller, Wireless Bridge



Vehicle Management

Entrance & Exit Management

Related Products
ANPR Camera, Intercom, Barrier



Parking Guidance

Related Products
Guidance Camera, LED Display



Parking Operation

Related Products
Ticket Station, Payment station,
HikCentral Professional Software



Electric Vehicle Charging

Related Products
Charging Station





Professional Security Practices

Video-based Security Protection

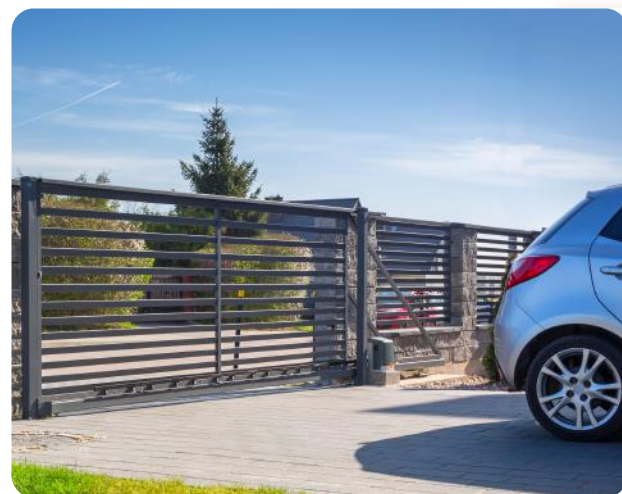


Intelligent 24/7 Video Protection – Hikvision's AI cameras deliver full-color HD security, actively identifying persons, vehicles, and anomalies across all sites and scenarios—boosting detection precision with minimized false alarms.

AR Map for Enhanced Situational Awareness – Camera feeds overlay AR maps enabling single-tap live video access from panorama to details, significantly enhancing situational awareness throughout construction-to-operation lifecycle.

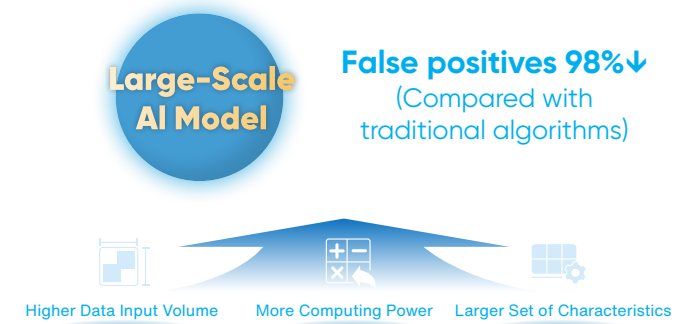


Perimeter Protection



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.

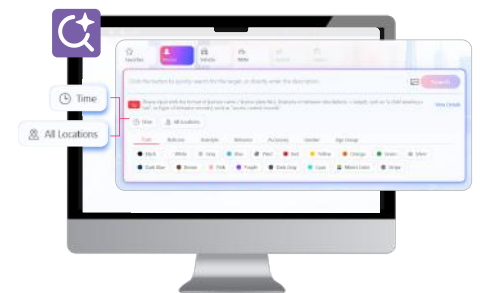
Scenario-Adaptive Solutions – We provide customized, multi-layered security through video analytics, all-weather thermal imaging, and long-distance fiber optic sensing—tailored to specific scenario challenges.



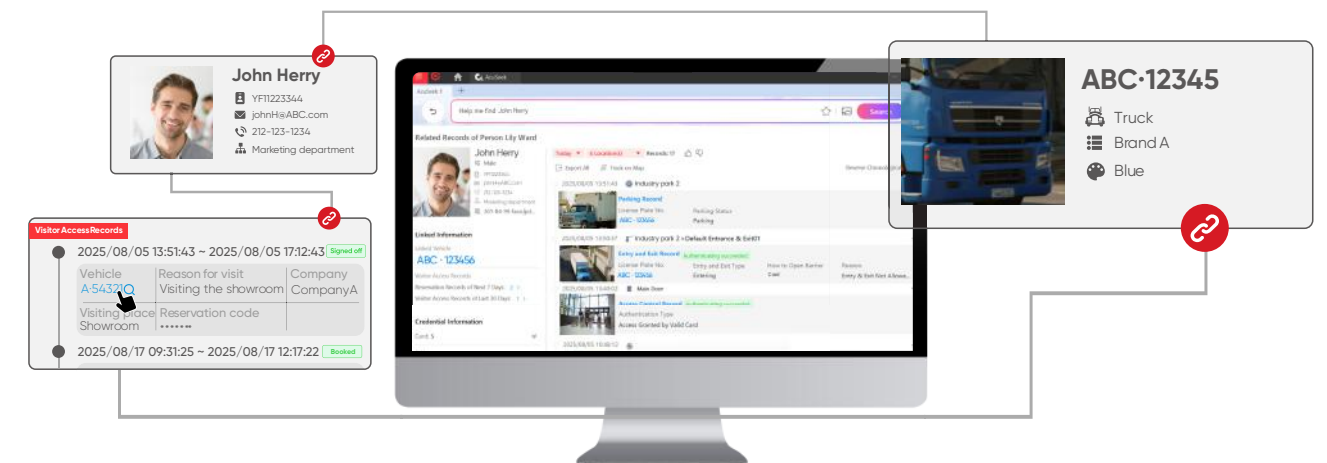
AI-Powered Precision – Equipped with large model algorithms, our system can handle complex tasks with higher accuracy, adapt to more complicated scenarios, boosting detection accuracy while reducing false alarm rates.

Efficient Tracing of Abnormal Events

Instant AcuSeek Video Retrieval – Large-model algorithms simplify video retrieval: Describe events, upload images, or click features. AcuSeek instantly locates footage, enabling rapid investigations with minimal effort.



End-to-end Solutions – Hikvision's HikCentral Professional platform integrates with compatible hardware to deliver comprehensive search tailored to your scenario.



Fire Detection

Multi-dimensional Detection for Enhanced Awareness – Thermal cameras & HIKFIRE system detect fire risks and issue early warnings, while handheld devices support routine inspections. AI algorithms are employed to identify flames for immediate intervention, and smoke detection cameras intelligently analyze smoke and simultaneously provide real-time video, ensuring comprehensive safety.

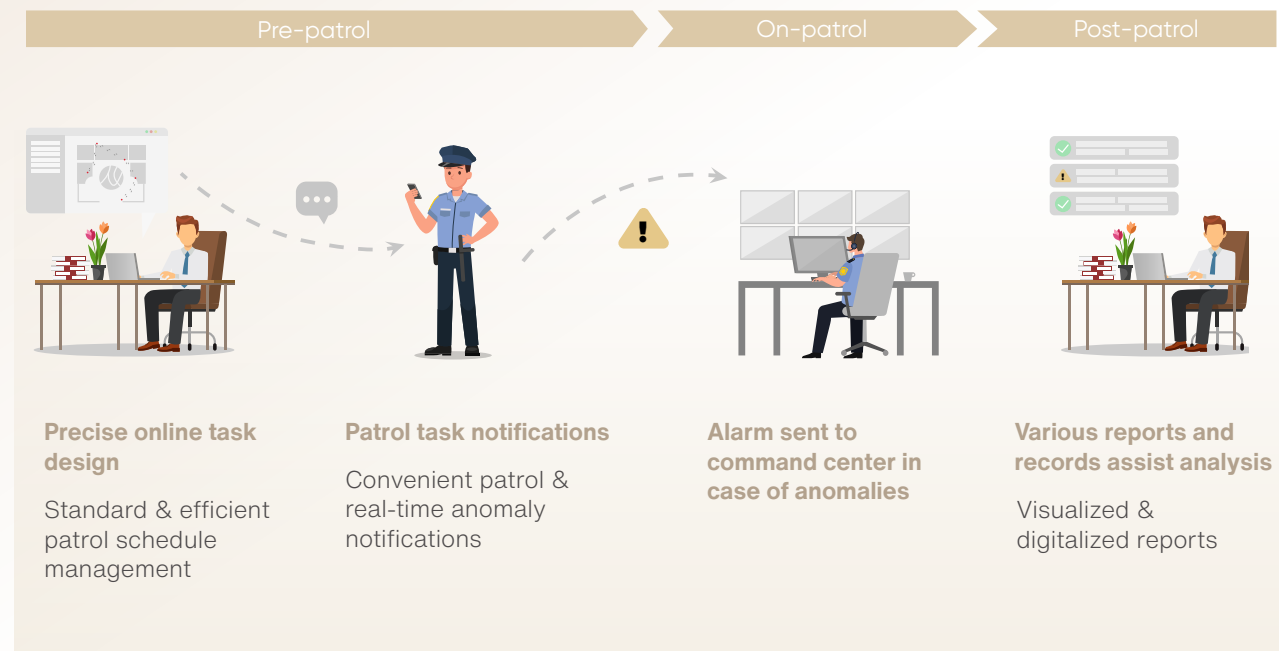
Efficient Evacuation – Keep personnel safe in emergencies with essential actions like keeping doors open when the alarm system triggers roll calls of stranded personnel. Easily count and verify everyone's safety by swiping badges at the access control terminals.



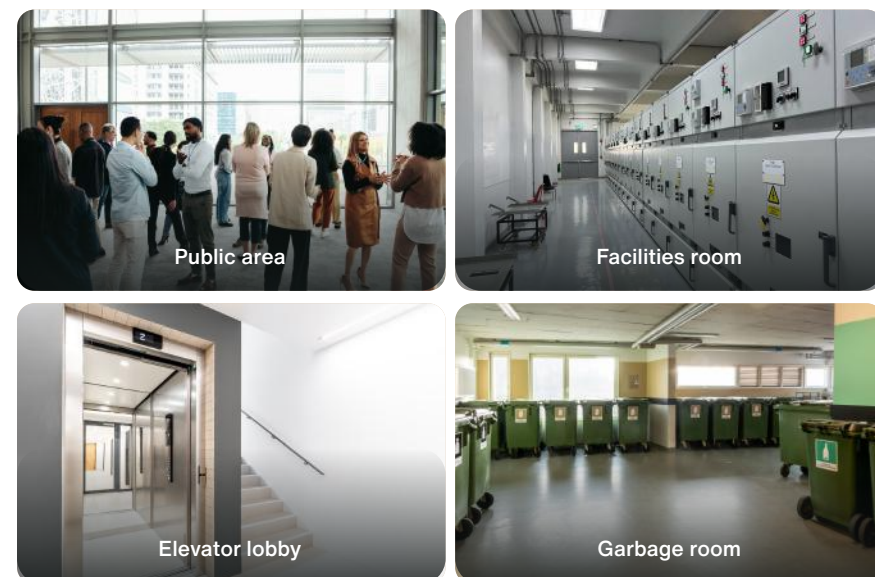


Site Patrol

Enhanced Patrol Management – 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.



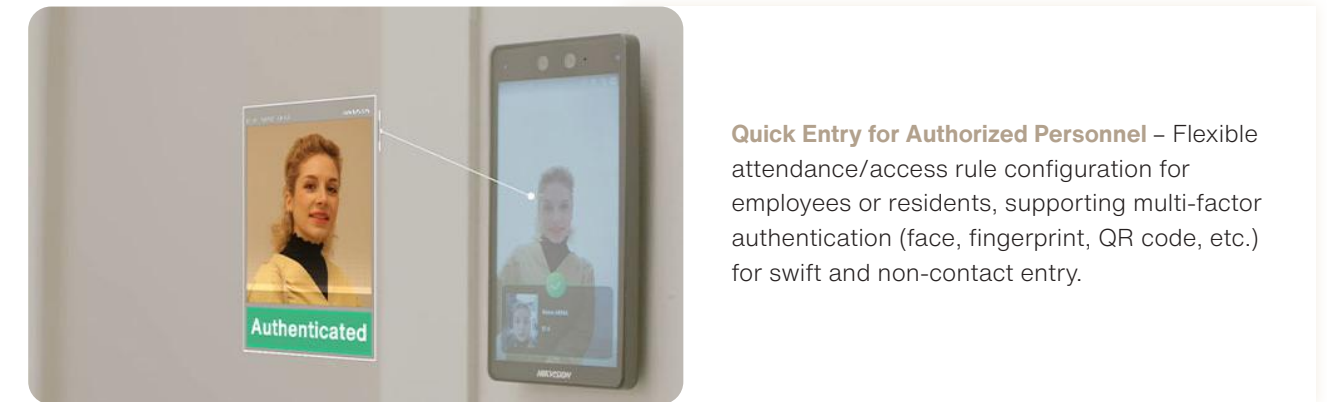
AI Video Patrol – Beyond conventional video patrol, Hikvision cameras can run custom AI algorithms to automatically identify anomalies—like loitering near pools or road damage detection. We also support algorithm training tailored to specific scenarios, enhancing inspection efficiency when deployed on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



- Call & Smoking
- Fire & Smoke
- Fall down
- Trash overflow
- Fire door Stacking

Property Management Services

Personnel Management

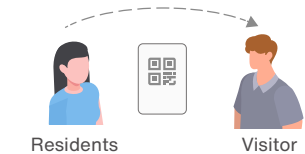


Visitor Services – Residents can securely authorize guests via HikCentral Professional or Hik-Connect (Team mode) registration, generating unique QR codes for:

- Seamless entry/exit with pre-generated credentials
- Real-time monitoring of visitor access records
- Enhanced guest experience through contactless access
- Strengthened community safety with resident-controlled permissions

HikCentral Professional Solution ▼

1. Visitor scans QR code to register in advance



2. Visitor access by QR code or other credentials

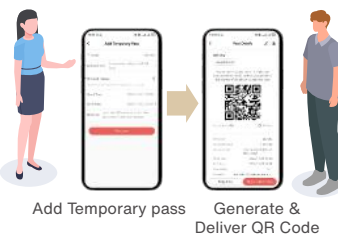


3. Visitors leave, credentials automatically expire, residents can check access record with video



Hik-Connect Team Mode Solution ▼

1. Register visitors using the APP



2. Access in specific period of time



3. Residents check the pass record

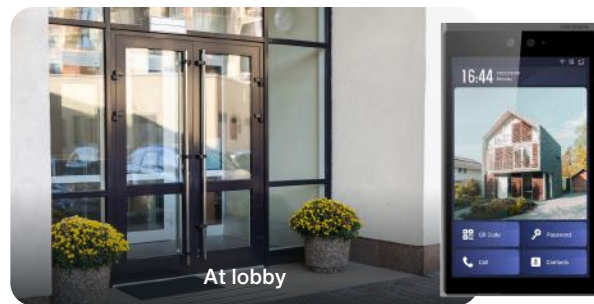




Video Intercom Linkage with Elevator Control

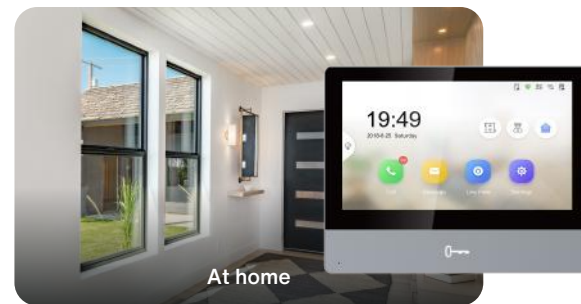
- For Residents & Pre-registered Guests

Identity verification triggers automated elevator dispatch directly to your floor—no waiting, no buttons.



- For Temporary Visitors

Residents can verify visitors remotely via intercom, and instantly grant elevator access with one tap, sending it to greet them in the lobby.



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



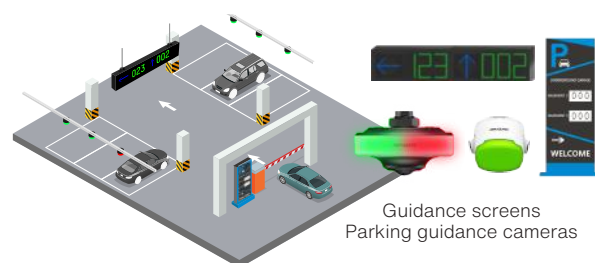
Outdoor LED display



Barrier

Parking Guidance

Elevating the parking experience via full-cycle visual guidance.



- 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

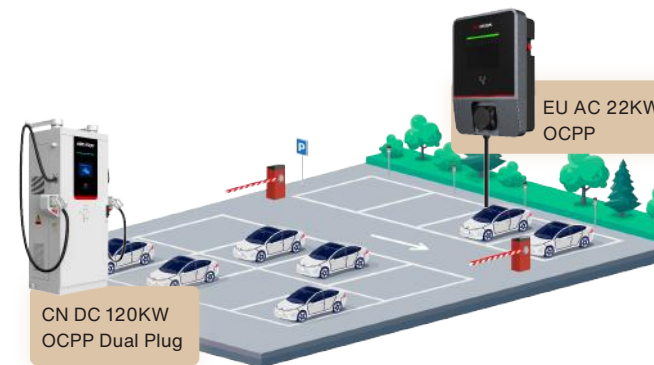
Parking Operations

Maximizing operational efficiency and returns using management statistics.



- 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

Electric Vehicle Charging



Streamlining vehicle charging experience.

- Designated charging zones with integrated smart piles support third-party platform connectivity
- Property managers can remotely configure and maintain systems via central management
- License plate recognition technology enables reserved parking and advance bookings through mobile app

Rapid Information Dissemination

Public Address



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

- Alarm linkage with pre-recorded audio for real-time alerts and warnings
- Real-time property service announcement via IP speaker
- Plays background music to create pleasant atmosphere

Information Display



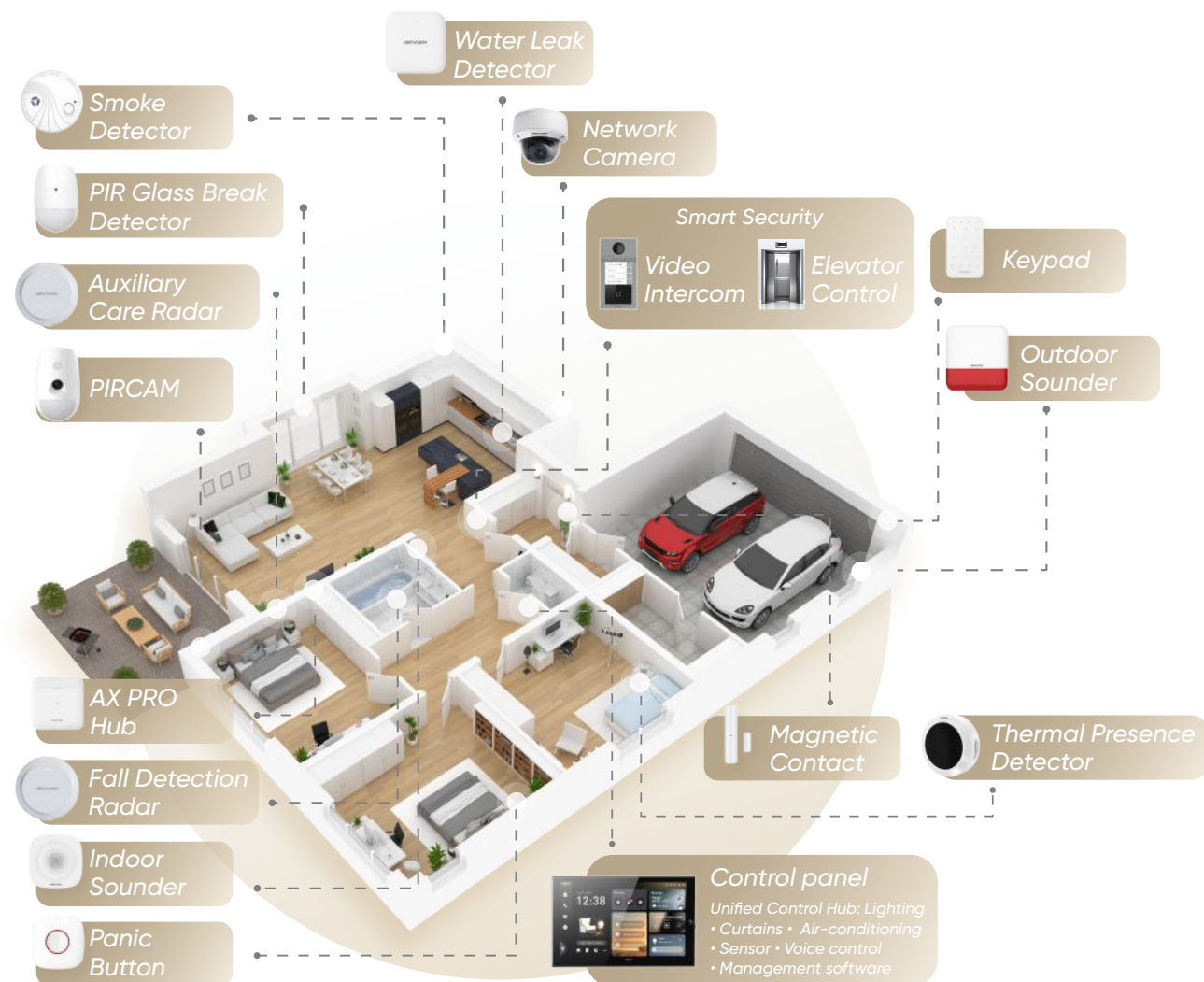
Contributing to vivid & instant information dissemination within the community.

- Outdoor screens enable property managers to showcase videos and images using template-based configurations for rapid deployment
- Indoor stations deliver instant emergency alerts to residents, ensuring critical notifications are never missed





Enhanced Living Experience



Intelligent & Connected Living Experience

- Our intuitive indoor unit seamlessly connects Hikvision and third-party sensors, perfectly synchronizing comfort and security
- Effortlessly control lighting, appliances, and monitor security — elevating residents' daily convenience

Proactive Home Security

- 24/7 protection with AI anomaly detection: Intrusion, smoke, and water leak alerts
- One-touch emergency button instantly connects to the monitoring center
- Professional incident response in critical situations

Discreet Health Guardian

- Advanced radar enables proactive fall detection, motion absence alerts, and vital health data collection – triggering immediate support when needed
- Privacy is ensured through anonymous thermal sensing, capturing body contours without exposing personal visual details

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 personnel management, vehicle management, and alarm management. 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

Access Control System



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%



Pro Swing Barrier
DS-K3B530X

- 14 pairs of IR light detectors: Permissions validation and anti-tailgating
- Servo motor, MCBF ≥ 12 million times, 30 to 60 persons per minute
- Built-in access controller



Elevator Controller
DS-K2220X

- Storage capacity: 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: The device is integrated with fast-speed barrier gate, smart capture camera, supplement light, LCD display, anti-fall radar, help button, voice prompt, and two-way audio.
- All-in-one structure: Simple wiring and convenient debugging



Parking Guidance Camera
DS-TCP440-DB

- Built-in high-performance chip, supporting ANPR (accuracy ≥ 99.5%), detection of the parking space status (accuracy ≥ 99.99%), and smart analysis of crossing over line, motion detection, etc.
- HD 4.0 MP camera, applied in environment with low illumination such as underground garage



Outdoor Speaker
DS-QAZ1307G1-E
DS-QAZ1430G1

Indoor Speaker
DS-QAZ1120G1R-B
DS-QAZ1206G1-BE

Video Intercom



KH8 Series Indoor Station
DS-KH8350

- Reddot award winner
- 7-inch IPS touch screen with 1024 × 600 resolution
- Receive calls, unlock doors and check live view remotely



All-in-one Indoor Station
DS-KH9510

- 10.1-inch colorful touch screen with 1024 × 600 resolution
- Built-in Android System
- Supports Android APP installation
- Support third-party software integration



Facial Recognition Door Station
DS-KD9633-E6

- 10.1-inch colorful LCD screen with 1280 × 800 resolution
- Android 7.1, 2 x 2 Mega pixel wide-angle lens
- Multiple authentications: Card, PIN code, QR code, fingerprint & face
- High level of protection: IP65

Video Security System



7 series DeepinViewX Cameras
iDS-2CD7A46G2/V-XZHSY

- High quality imaging with 4 MP resolution
- Excellent low-light performance via DarkFighter technology
- Clear imaging against strong back light due to 140 dB WDR technology
- Perimeter Detection with large-scale AI model. Detection range up to 100 m
- IP67/IK10/NEMA 4X(-Y)



DeepinMind Pro Series with AcuSeek
iDS-9632NXI-P8

- Up to 32-ch IP cameras can be connected
- Up to 2-ch@32 MP/2-ch@24 MP/4-ch@12 MP/8-ch@8 MP/16-ch@4 MP/32-ch@1080p decoding capacity
- H.265+/H.265/H.264+/H.264 video formats
- 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/2-ch@24 MP/4-ch@12 MP/8-ch@8 MP/16-ch@4 MP/32-ch@1080P decoding capacity
- H.265+/H.265/H.264+/H.264 video formats
- Deep learning based video analytics, including people running detection, people gathering detection, violent motion detection, using mobile phone detection, etc.