



Build a Safe, Smarter Architecture for Everyone

Hikvision Solutions for Smart Buildings

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Build Safer, Smarter Architecture for Everyone

Hikvision Solutions for Smart Buildings

Commercial Buildings

Residential Buildings

HIKVISION

Hikvision Solutions for Smart Buildings

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 buildings and construction practices will see expanded flexibility, sustainability, and digitalization.

Hikvision, a leading AIoT solution provider, offers smart building solutions that utilize these AIoT technologies along with advanced video devices to create secure, convenient, and low-stress environments for residents and employees, while assisting real estate companies in digitally transforming the entire lifecycle of buildings – from construction and marketing to operations and maintenance.



Why choose Hikvision solutions ?

1 Comprehensive and integrated building security

A wide range of cutting-edge applications work together to enhance safety and protect against potential threats in every corner of every building, including fire detection, perimeter protection, patrol service, emergency mustering, and more.

2 Improved living and working experiences

Streamlined and automated solutions cover access control, vehicle entrances & exits, smart parking guidance, elevator control, and more, bringing a vastly improved experience for residents, employees, business owners, and visitors while protecting personnel and property.

3 Elevated management and operational efficiency for real estate companies

A digitalized and centralized management platform vastly reduces manual efforts. Therefore, real estate company managers can offer clients better property services with reduced operational expenses.

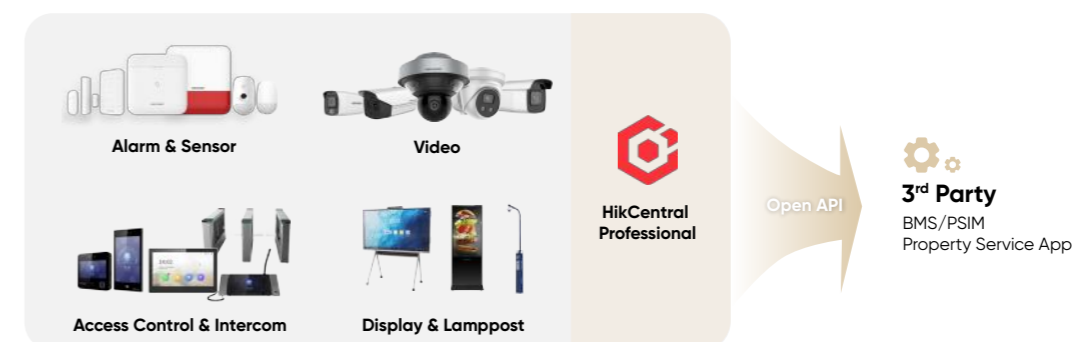
4 Increase the sustainability of buildings

Hikvision also prioritizes the sustainability of buildings by reducing energy consumption. For example, our parking guidance system reduces emissions by minimizing the time spent searching for parking spaces; our elevator control system allows for more efficient use of elevators, extending their lifespan while reducing power consumption; our digital meeting room system detects idle conference rooms and turns off air conditioning and lighting to conserve energy.



5 Open integration

Hikvision's sensors and systems offer seamless integration with third-party building management systems (BMS), facilitating effortless and centralized management for property companies. This integration not only simplifies the management process but also enhances operational efficiency, thereby benefiting property companies in multiple ways.



Solution Introduction

Professional Security Practices

1 Perimeter protection

Providing the most convenient and reliable options for arming your perimeters in a multitude of scenarios



- Filter out false alarms with 24/7 AI-powered video protection
- Get real-time notifications upon detection of real threats
- Record evidence easily with HD video and easy-to-search footage



Thermal technology for long-distance monitoring



24/7 color view with AI person and vehicle detection



Monitor large areas with impressive details



Detectors and sounders for privacy protection



Outdoor column speaker



Outdoor horn speaker

2 Fire detection and evacuation

Reducing property loss and risks to personnel.

- Increase your situational awareness with multi-dimensional detections
- 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 terminal



Temperature detection and fire prevention



Flame detection by AI video and temperature measurement



Smoke detection and video verification



Handheld Thermography Camera for easy patrol



MinMoe terminal



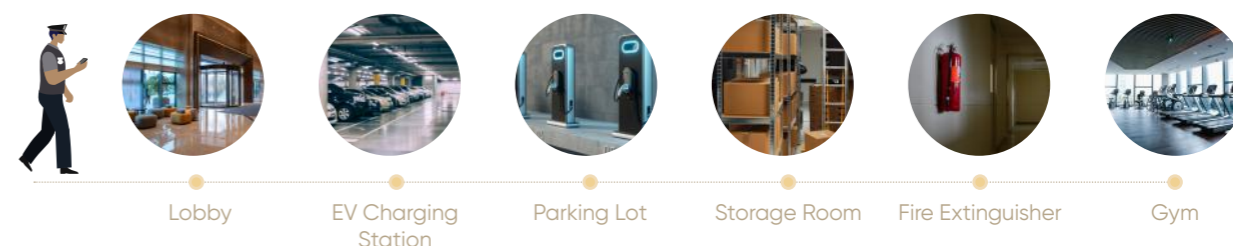
Indoor ceiling speaker



Indoor cabinet speaker

3 Site patrol

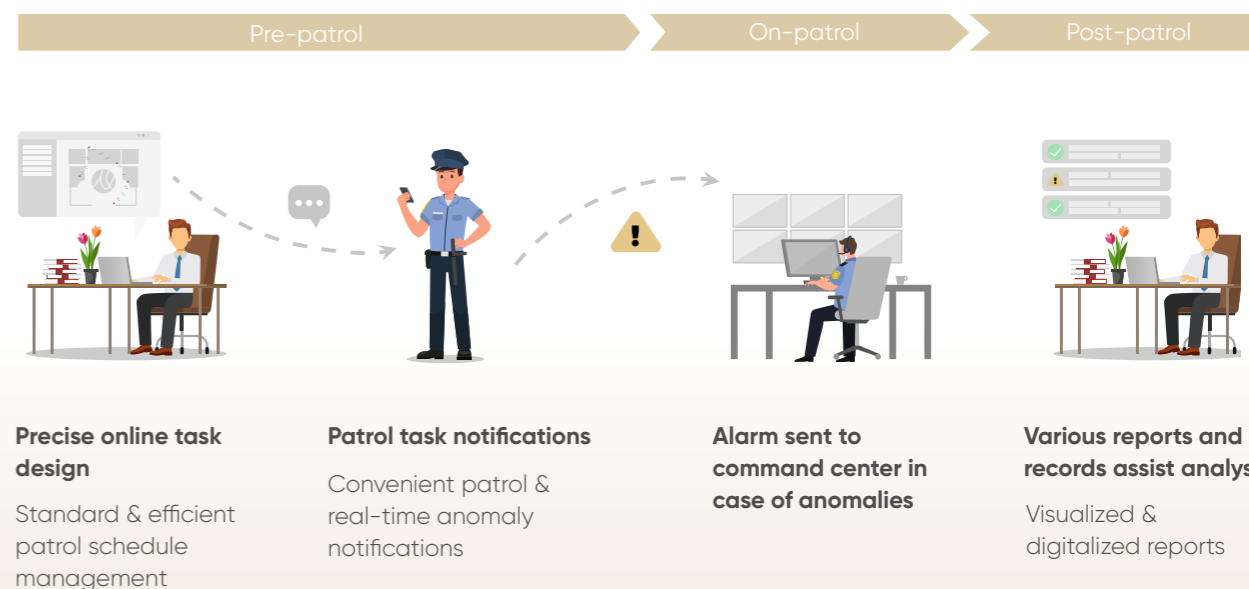
Enhance patrol service quality and maximize Access Control Device ROI.



- Easy & efficient patrol schedules and route designs
- Convenient patrolling & real-time event upload via mobile app
- Comprehensive patrolling performance evaluation by regularly checking multi-dimensional reports
- Simplify patrolling regulations and reduce proxy patrols with automated alarms sent to the management staff



Multi-patrol point support: MinMoe terminal, access controller, QR code.

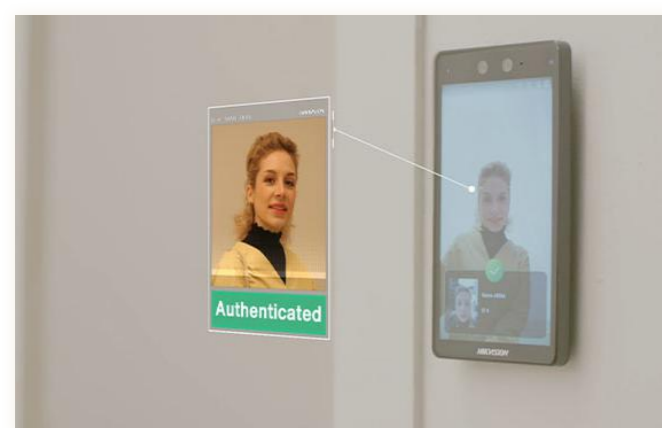


Improved Service Quality for Estate Companies

1 Personnel management

Quick entry for registered personnel

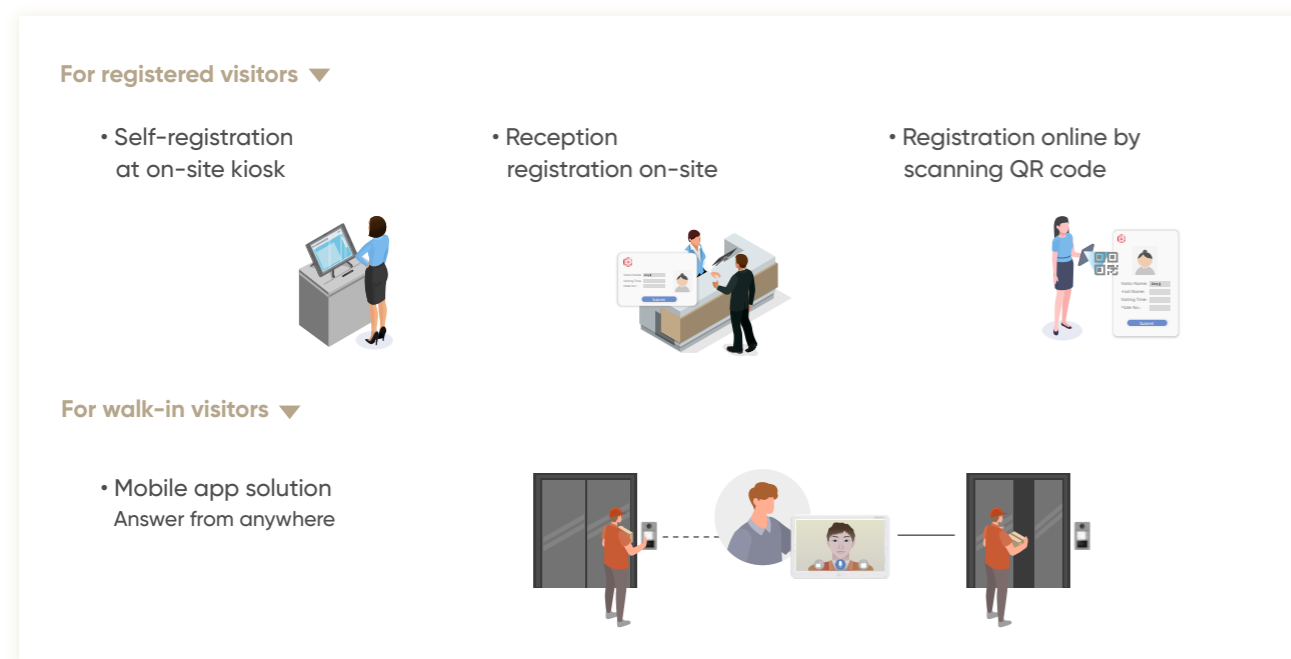
Enhancing entry & exit with touch-free biometric authentications.



- Support for multiple authentication methods including face, fingerprint, QR code, etc.
- Flexible attendance rule-setting and scheduling for normal, man-hour, or temporary shifts
- Multiple attendance report styles with 20+ common types to choose from as well as personalized report templates
- Integration with third-party ERPs, HRMS, & payroll systems

Visitor services

Enhancing the visitor experience and making great first impressions.



- Fixed indoor station solution Friendly to tech-illiterate persons



Open software platform

Enhancing the visitor experience and making great first impressions.



2 Vehicle management

Entrance & exit management

Enhancing the employee experience with non-stop authentication.



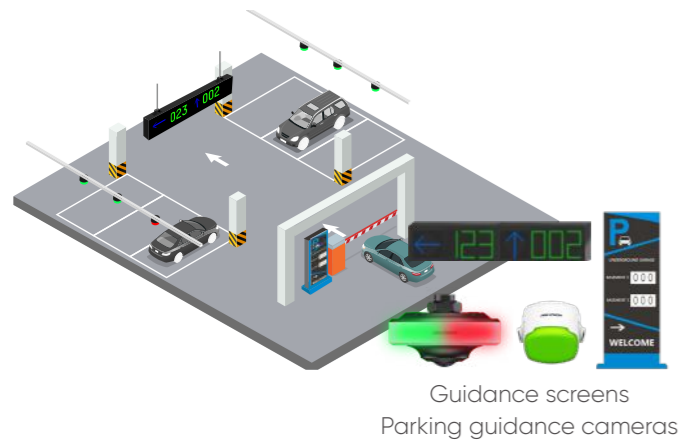
Vehicle Type: Car
Vehicle Plate: ABC123*
Vehicle Brand: Brand A
Vehicle Color: Black

- 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.



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

Parking operations

Maximizing operational efficiency and returns using management statistics.

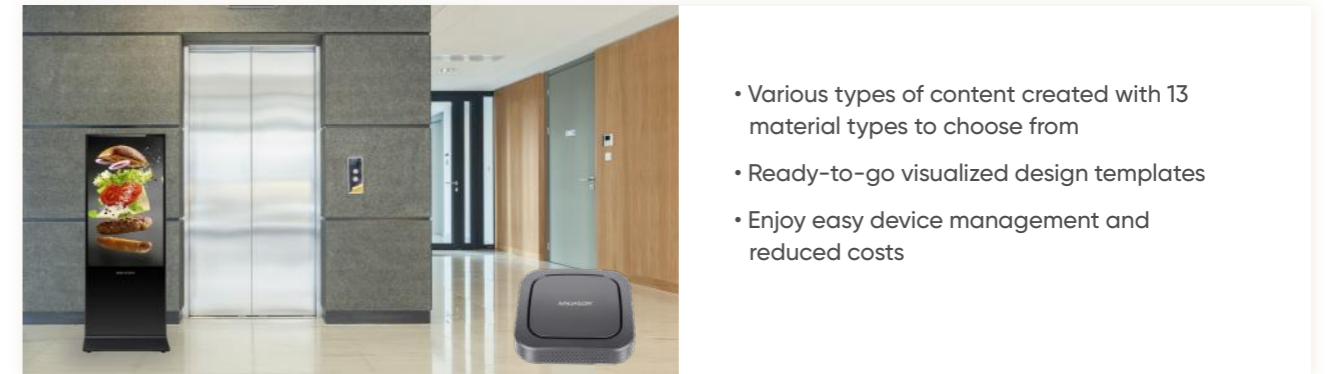


- Flexible billing and scheduling for the varying needs of parking lots
- Graphical parking fee statistics reports of parking lot revenue that can be viewed by parking lots, fee types, vehicle types, etc., to better evaluate status

3 Digital message board and marketing & meeting management

Information display

Designing and releasing helpful info quickly via digital signage.



- Various types of content created with 13 material types to choose from
- Ready-to-go visualized design templates
- Enjoy easy device management and reduced costs

Public address

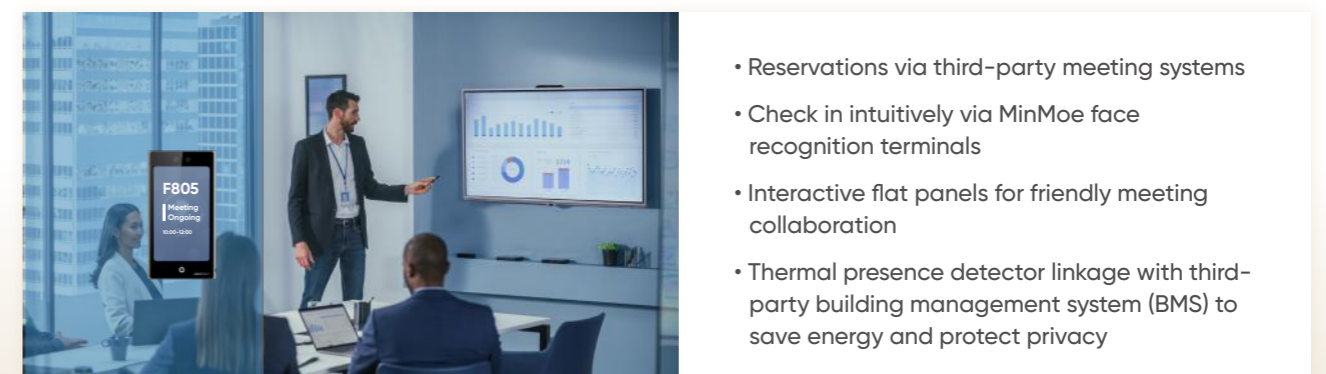
Enhancing public security and operational efficiency while creating a relaxing environment.



- 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

Digital meeting rooms

Improving the work experience and management efficiency.



- Reservations via third-party meeting systems
- Check in intuitively via MinMoe face recognition terminals
- Interactive flat panels for friendly meeting collaboration
- Thermal presence detector linkage with third-party building management system (BMS) to save energy and protect privacy

Contributing to Smart and Efficient Operations and Management with Digital Power

1 Digital twin

A visible and reachable way to digital transformation.



- Presenting a virtual world based on a 3D model with experience & insight into specific industries
- IoT sensors fully integrate with time and space, creating value for management in energy, environment, space, personnel, security, maintenance and more
- Achieving intuitive understanding of the distribution and utilization of assets and space via 3D visualization
- Enabling managers to swiftly solve problems and drive digital transformation through data analysis

2 Augmented reality

A bird's eye view over the entire system.



- Enhanced global situational awareness in large scenarios
- Support for adding tags onto scenarios and linking separate cameras for comprehensive views
- Auto tracking and instant alarm display for quick event check

3 Time-lapse photography

Show long construction progress in a short time with time-lapse videos.



- Record every moment and every movement
- Provide situational awareness over time