

Residential Solution



Requirement Analysis

High Security Level

- Lack of 24/7h video surveillance, especially at night.
- Hard to trigger an alarm in real time when valuable assets are stolen.

Higher Operation Efficiency

- Low efficiency of daily inspections by security guards.
- Low efficiency of device maintenance due to large numbers.

User Experience

- Poor experience for various user types.
- Remote access granting via video intercom if booth off-duty.

Apartment Solution

Solution Architecture



Apartment Solution

Car Park & Entrance

Simple installation adaptable to common scenarios

- Card reader and intercom in 1 unit, get 2 features by 1 installation.
- Adaptable to scenarios with or without attendant booth.
- Integrated with Hub Parking station - to adapt to complex parking system.

Highly efficient vehicle passing

- Hands-free, with ANPR authentication.
- Remote access granting via video intercom if booth off-duty.

ANPR/Card/ Manual Authenticated Access



Monitoring Passing Vehicles



Manual Barrier Control on Exception

CONTROL ROOM



Handling Remote Calls

Handling Incidents

Vehicle Records Retrieval

Boost operation efficiency for vehicle management

- Easy vehicle record retrieval by license plate, using fuzzy match.
- Alarm pushed for 'black-list vehicle' and 'parking space full'.

Intercom

- Noise suppression and echo cancellation.
- Low illumination.
- IK09 (except the camera).
- Premium tempered glass.
- Aerospace-grade aluminum.

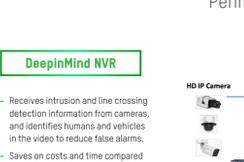
Access Control

- Access controller.
- 100,000 cards and 300,000 events storage.
- Communication via TCP/IP, ehome5.0 and RS-485.
- ISAPI, OSDP supported.
- Supports RS-485, Wiegand, and OSDP protocol.
- EM / Mifare card.
- Tamper-proof function.
- Built-in buzzer for status indication.



Apartment Solution

Lobby



Full coverage of a wide area by a compact PTZ Dome DS-2DE2A04W-DE3

Corridor Mode

Rotate aspect ratio 90° to explore more useful details



Wide Dynamic Range

WDR ON



WDR OFF

Various CCTV choices, optimized for typical scenarios DS-2CD2x662/DS-2CD2x762 Series

Apartment Solution

Playground

Monitor parking spaces to provide evidence in the event of incidents such as vehicle accidents and theft. PTZ cameras can provide a flexible people tracking function to keep a watchful eye over any suspicious individuals.

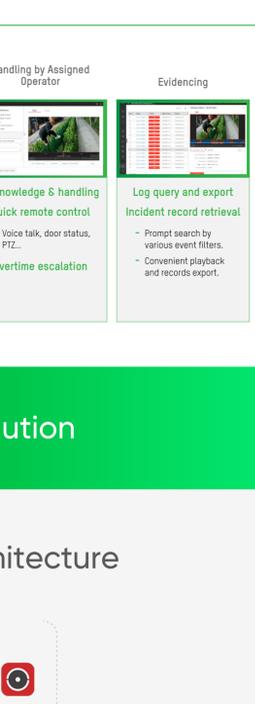
Linkage Tracking

View the whole scene with high detail



Focus on Humans/Vehicles, Act in Realtime

Warns light and audio alarm to warn intruders off



Apartment Solution

Perimeter Detection

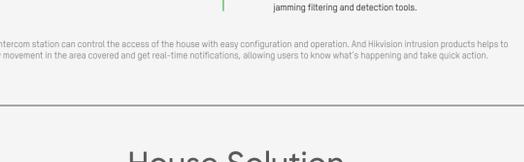
DeepinMind NVR

- Receives intrusion and line crossing detection information from cameras, and identifies humans and vehicles in the video to reduce false alarms.
- Saves on costs and time compared with conventional CCTV systems.



Apartment Solution

Concierge



HIGH QUALITY DISPLAY

- DS-2002FR 22 inch, 1080P
- DS-5004AC 43 inch, 4K

POWERFUL VIDEO RECORDER

- DS-7700N-VS 16ch 1080p synchronous playback strong recording capacity

UNIFIED MANAGEMENT

- Video Management
- Incident Handling
- Employee Management
- System Maintenance
- Vehicle Management
- Interactive Map

Lightweight Deployment, Unified Management

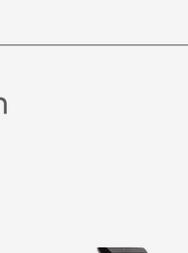
- Minimal system requirements starting at 13 CPU, 8GB RAM.
- Manage video, personnel, vehicle, incident and system devices all on one platform.

Mark Your Projects by Your Own Brand

- Display customize company info and branding Logo.

Boost operational efficiency

- Multi UI presentation, focus on your importance.
- Powerful dashboards, reports and custom views.



UNIFIED MANAGEMENT

- Various alarm input sources**
 - CCTV.
 - Access abnormal.
 - ANPR block list.
 - External alarm I/O.
 - Emergency Call.
 - ...

Push Notifications and Auto Linkage

- Instant notification**
 - PC Client / Mobile APP.
 - Onsite: light & sound deterring.
 - Remote: video popup, E-map, PTZ, door / ESE status...

Handling by Assigned Operator

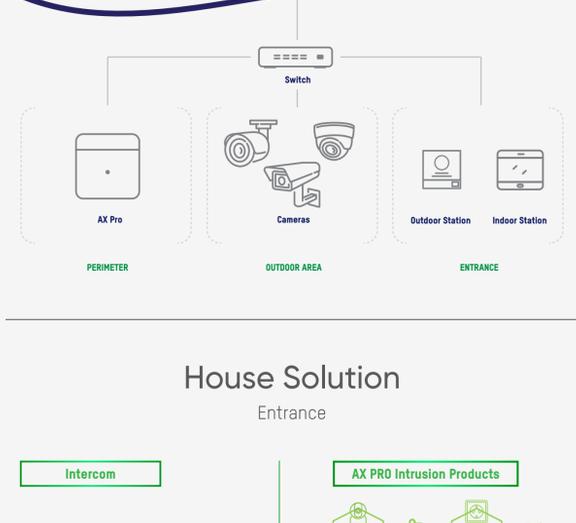
- Acknowledge & handling**
 - Quick remote control
 - Voice talk, door status, PTZ...
 - Overtime escalation

Evidencing

- Log query and export**
 - Incident record retrieval
 - Convenient playback and records export.

House Solution

Solution Architecture



House Solution

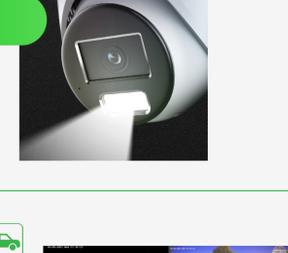
Entrance

Intercom

- Noise suppression and echo cancellation.
- Low illumination.
- Premium tempered glass.
- Aerospace-grade aluminum.

AX PRO Intrusion Products

- Video Verification
- Intrusion Detection
- Home Automation
- File Detection



- Dual RF wireless technology: Tri-X & CAM-X.
- Easy & flexible installation.
- Two-way smart 868MHz wireless technology.
- Real-time peripheral status supervision and indication.
- Up to 2000m transmission range, to cover Home, Office, Shop etc.
- High security AES-128 encrypted wireless protocol, advanced jamming prevention and detection tools.

Hikvision Intercom station can control the access of the house with easy configuration and operation. And Hikvision intrusion products help to detect any movement in the area covered and get real-time notifications, allowing users to know what's happening and take quick action.

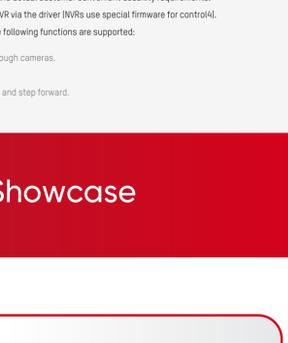
House Solution

Outdoor Area

Live-Guard

Strobe Light Alarm & Audio Alarm to warn off intruders

- White strobe light alarm.
- Audio broadcast: 10 built-in 3 customizable.
- Two-way audio.
- Hik-Connect: One-key To Not Disturb Function and Two-Way Audio



Hikvision Deep Learning Algorithm

Target Classification

Others

Human & Vehicle

Others

Alarm

Human

Vehicle

Conventional Camera

ColorVu Camera

House Solution

Home Automation

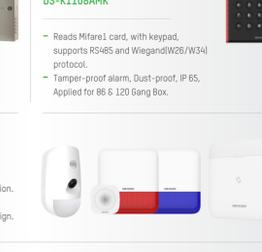
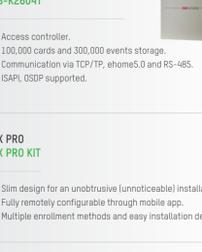


Hikvision NVR + Control4 Composer Pro/Express

Hikvision NVR driver is developed by Hikvision, based on the actual customer convenient usability requirements.

- Add the NVR driver to Control4 Composer, add Hikvision NVR via the driver INVRs use special firmware for control4.
- Then use the remote-control unit to control NVR, and the following functions are supported:
 - Live view: Full screen view, matrix view, cycle through cameras.
 - PTZ control: support pan, tilt, zoom and preset.
 - Playback: Start/Pause/Stop playback, step back and step forward.

Product Showcase



VMS

HikCentral Professional (baseline v1.7 and later)

- Flexible, scalable, reliable and powerful central surveillance system.
- Supports live view, playback, access control, video intercom, visitor management, vehicle entrance and exit management, alarm management, personnel identification, BI dashboard, people counting report.

KH8 Series Pro Modular Door Station DS-KD8003-IME1/S

- Modular door station main unit, needs mounting bracket.
- 2MP HD Camera, Fisheye, IR supplement.
- 1 physical call button, 2 lock relays, 4-ch alarm input.

KH8 Series Pro Modular Door Station DS-KD-DIS

- Modular door station Display module, needs mounting bracket.
- 3.5 inch LCD screen, 4 buttons, backlight, IP65.
- Dial number display, pin code unlock, contact list display.
- Stores and searches contact list.

KH8 Series Pro Modular Door Station DS-KD-KP/S

- Modular door station Keypad module, needs mounting bracket.
- Input pin code to open door, call indoor station.
- Backlight compensation.
- Easy to add and extend.

KH8 Series Indoor Station DS-KH8350-WTEL

- Premium tempered glass.
- Aerospace-grade aluminum.

Pro Series Access Controller DS-K2604T

- Access controller.
- 100,000 cards and 300,000 events storage.
- Communication via TCP/IP, ehome5.0 and RS-485.
- ISAPI, OSDP supported.

Pro 1108A Series Card Reader DS-K1108AMK

- Reads Mifare1 card, with keypad.
- Supports RS485 and Wiegand(W26/W34) protocol.
- Tamper-proof alarm, Dust-proof, IP 65.
- Applied for 86 & 120 Gang Box.

AX PRO AX PRO KIT

- Slim design for an unobtrusive (nonnoticeable) installation.
- Fully remotely configurable through mobile app.
- Multiple enrollment methods and easy installation design.

Smart Linkage PTZ DS-ZSE7C144W-AE(32X/4/ISS)

- Bullet for whole scene overview PTZ: to pan, tilt and zoom for details.
- Human and vehicle classification.
- False alarm reduction.

Pro Series Camera DS-2CD254762-LSU/SL DS-2CD20A762-L1U/SL DS-2CD2T4762-LSU/SL

- 4 MP.
- 1/1.8" sensor.
- White strobe light and built-in speaker.

2MP ANPR Camera DS-2CD7A2660/P-ZIHIS

- High quality imaging with 2MP resolution.
- Excellent low-light performance via DarkFighter technology.

DeepinMind NVR DS-7732N14/16S1C

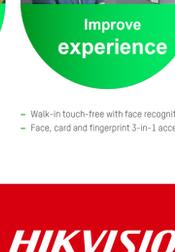
- Up to 16 channel Deep Learning video analysis for human and vehicle recognition to reduce false alarms.
- Supports multiple VCA (Video Content Analytics) events.

Reliable Solution Vendor for your Business Development



Boost efficiency

- Resident drive straight in with ANPR.
- Labour costs down with 'no-booth' solution.



Improve experience

- Walk-in touch-free with face recognition.
- Face, card and fingerprint 3-in-1 access.



Enhance security

- Proactive alarm response deters intruders
- Accurate event detection with 24/7 clear video.