INTEGRATED SECURITY SOLUTION FOR RESIDENTIAL

-Safe
-Convenient
-Smart

Entrance & Exit Management
- ANPR
- Access Control
- Video Intercom

Public Safety
- Intrusion Alarm
- Emergency Phone Tower
- CCTV Surveillance

Central Management
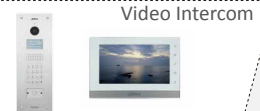- All-in-one Management Platform
- Smart APP

With the rapid urbanization, the residential area has emerged as the center of our daily life, especially the activities with our beloved families.

However, the traditional residential setup is facing big challenges with the new development of modern life, like the increasing consciousness of safety, wide usage of vehicles, convenience of and comfort of living environment etc.
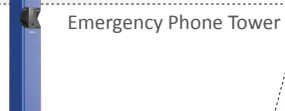

How to provide
safe residential
environment?

How to manage
vehicles
and people?

How to manage
different
security systems?

• Entrance & Exit Management

ANPR

Access Control

Video Intercom

• Public Safety
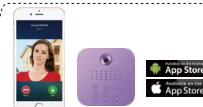
Intrusion Alarm

Emergency Phone Tower

CCTV Surveillance

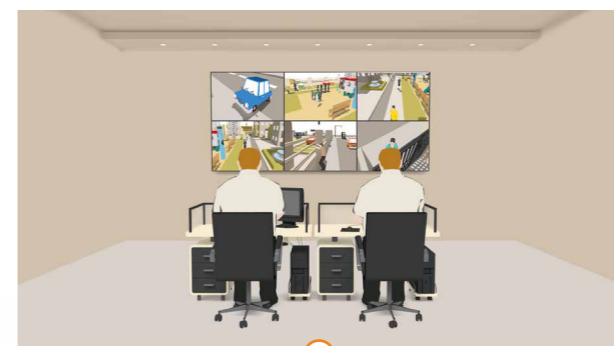**• Central Management**

All-in-one Management Platform

Smart APP

Video Wall

RESIDENTIAL LAYOUT

Apartment Unit
Video intercom
Access control
CCTV surveillance

Management Central
Video wall
Access control
Management platform

Fence
Intrusion alarm
CCTV surveillance

Public Area
Emergency phone tower
CCTV surveillance

Entrance & Exit
ANPR
Access control
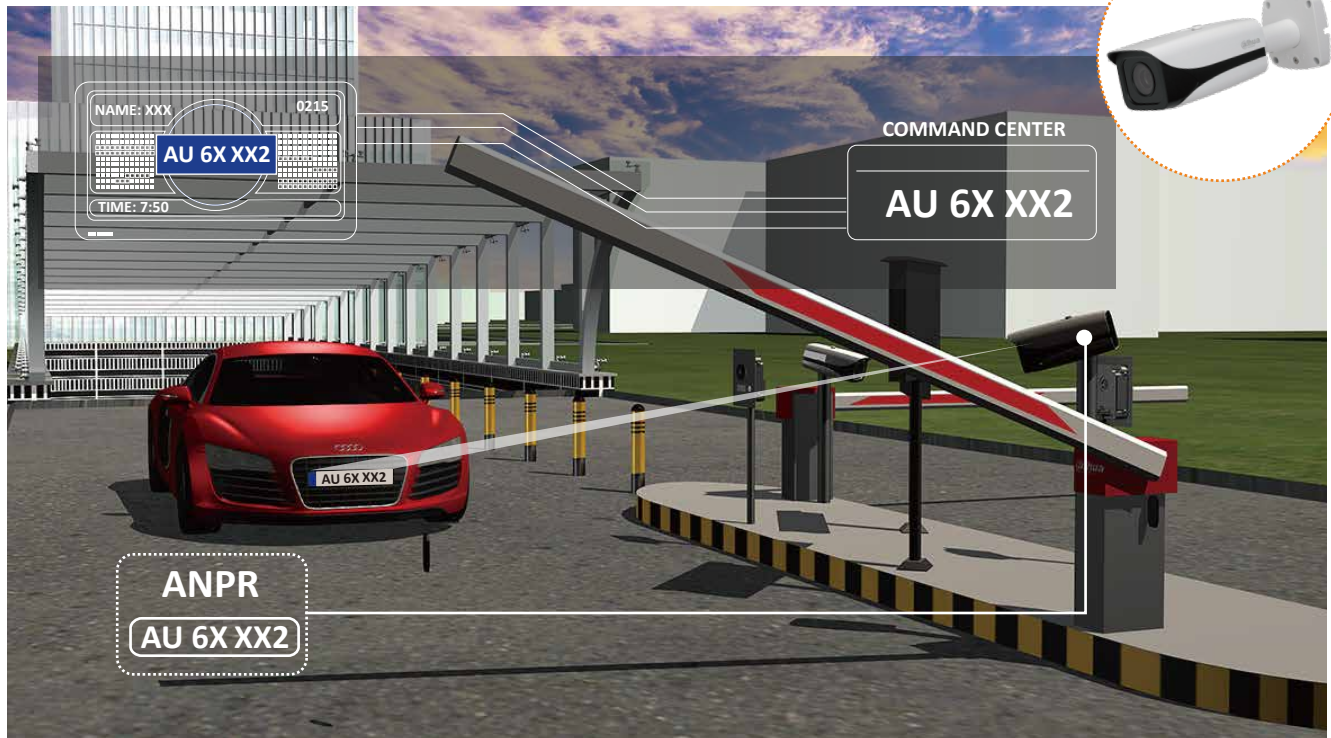Video intercom
CCTV surveillance

APPLICATION AREA

License plate recognition is convenient for registered owners vehicles going in and out and effective management of other vehicles.

White list   Work offline   Night vison

NAME: XXX   0215

AU 6X XX2

TIME: 7:50

COMMAND CENTER

AU 6X XX2

ANPR
AU 6X XX2

The access control system is convenient for letting owners in and out of a premises and effectively manage other persons.

Lock
Reader
Controller
Management Platform

- Support 100,000 valid cards & 150,000 records
- Support card, password, fingerprint and combination
- Wiegand or RS-485 interface to readers (2/4 door)
- Door time out alarm, intrusion alarm, duress alarm and tamper alarm
- Up to 3,000 fingerprints capacity
- Up to 100,000 cards capacity
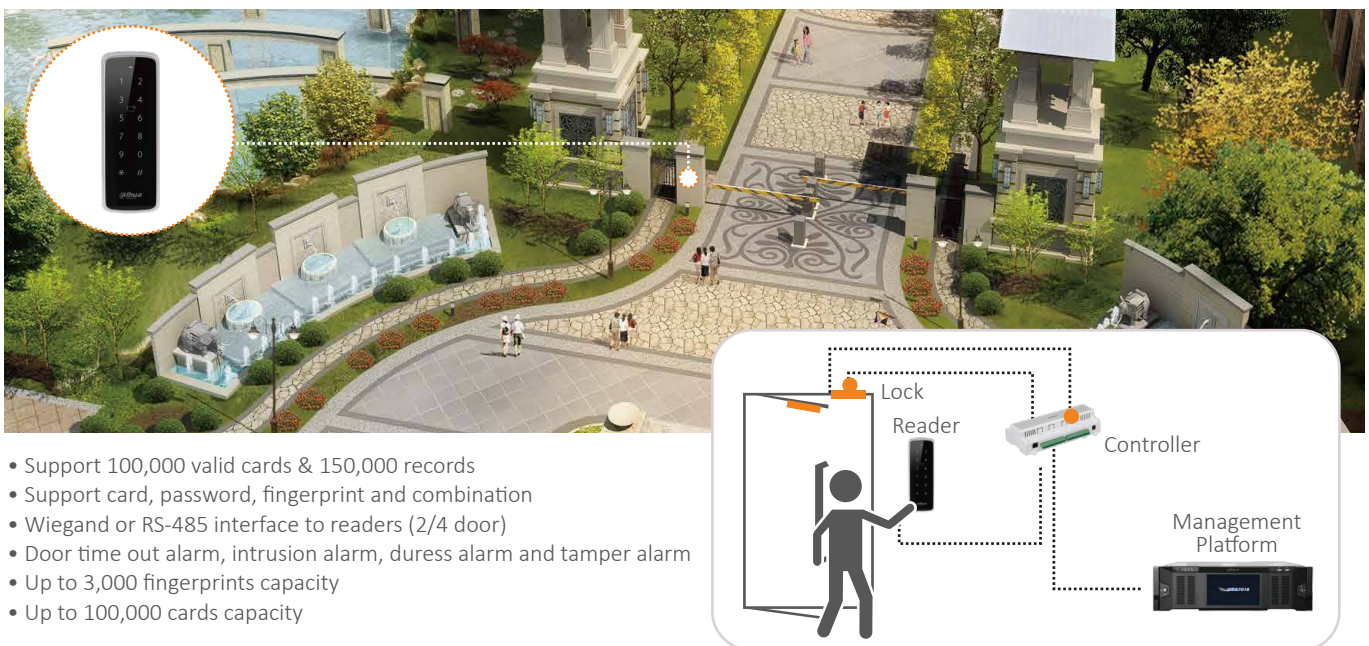
When a guest arrives, the security guard can call the owner's room from the master station. The camera which is installed at the entrance will push the video to the owner's indoor monitor for the owner to check it conveniently.

Guard Room

Check and call to owner

Open the door

Visitor arriving

Entrance

Owner's Room

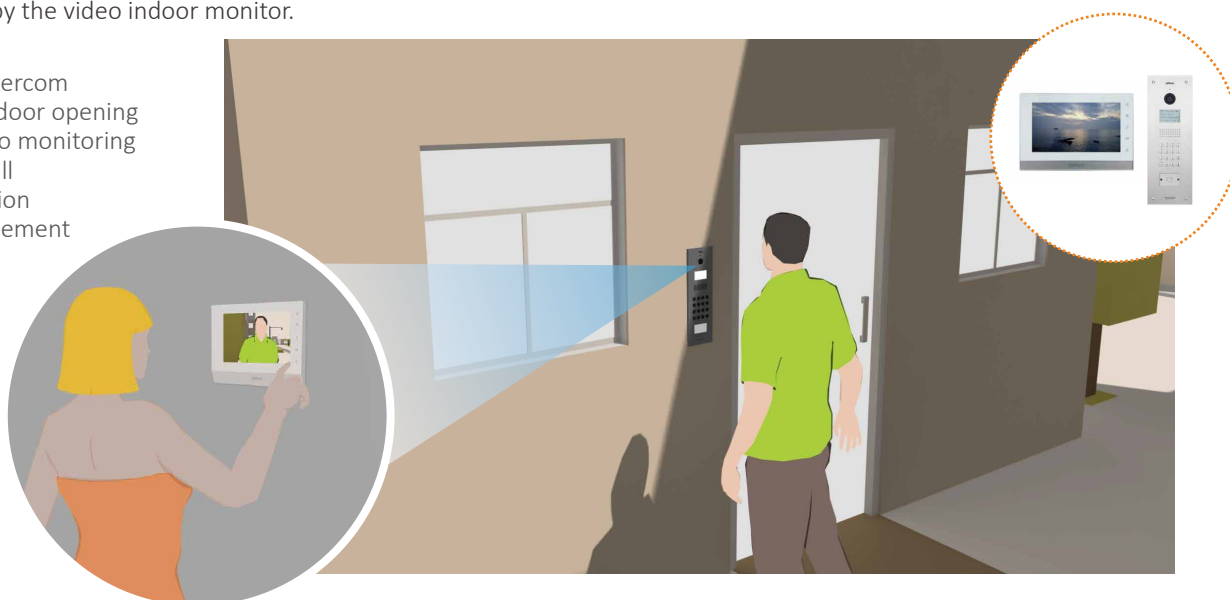Remote check through the camera which is installed at the entrance

Guard Room
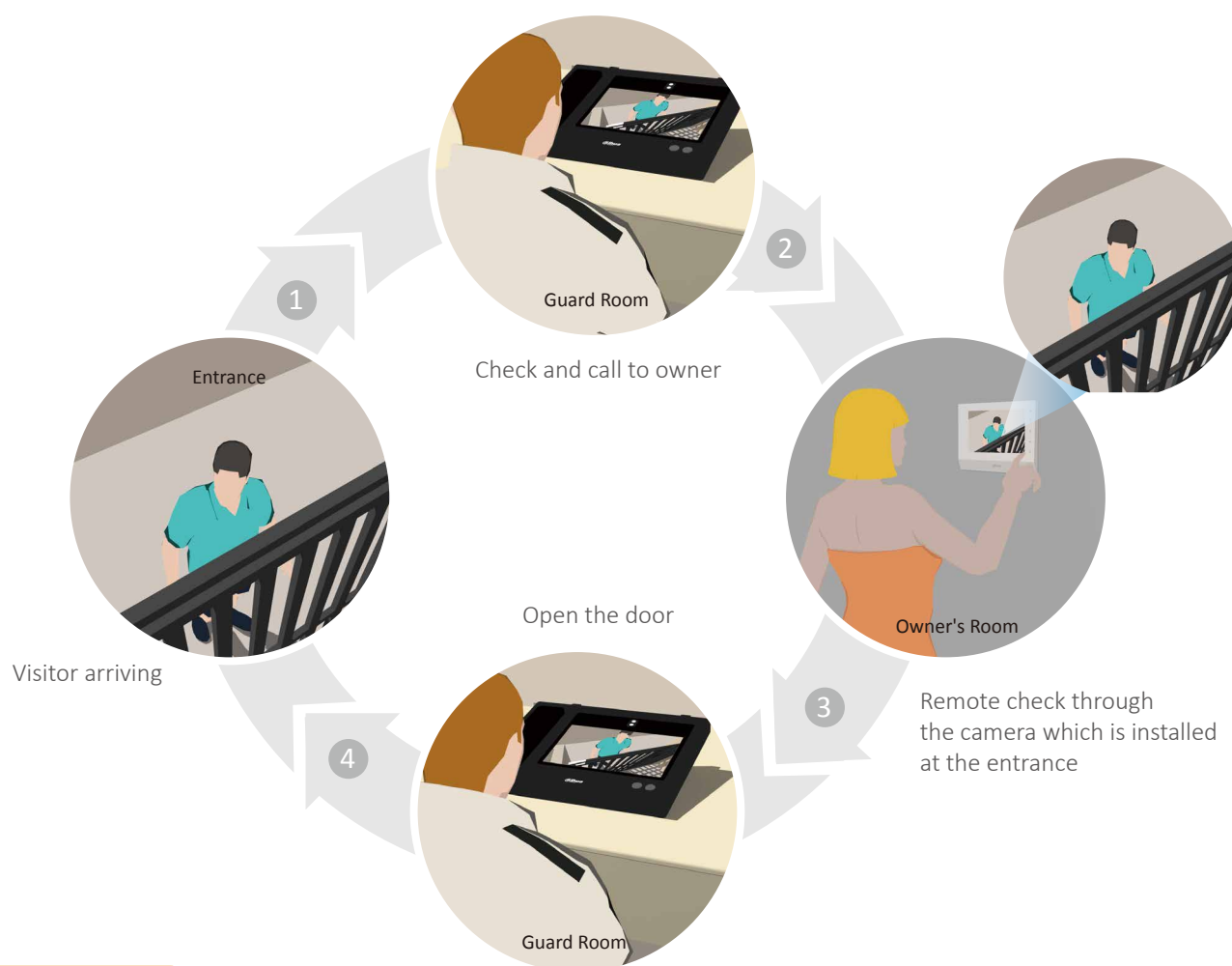
Apartment Lobby

When the guest comes, the video intercom system can inform the owner to know who is coming and open the lobby door remotely by the video indoor monitor.

Features:
- Video intercom
- Remote door opening
- Live video monitoring
- Group call
- Night vision
- Announcement

If the owners are not at home, they can set the call transfer to their smart phone application. They can answer the call and open the door remotely when the visitor arrives.

Features:
• Video intercom
• Remote door
• Live video monitor

Public Area

24×7H CCTV surveillance can provide a safe environment for residential and public areas.

The emergency phone tower can call the management center timely when an emergency occurs.

- One button to call security guard
- Video intercom & live viedo surveillance allow quick decision to call appropriate support (Ambulance / Police / Fire alarm)

- Emergency announcing
- Broadcast

- Remote monitor

When your children are playing in the residential playground with their friends, you can see them from your indoor monitor.
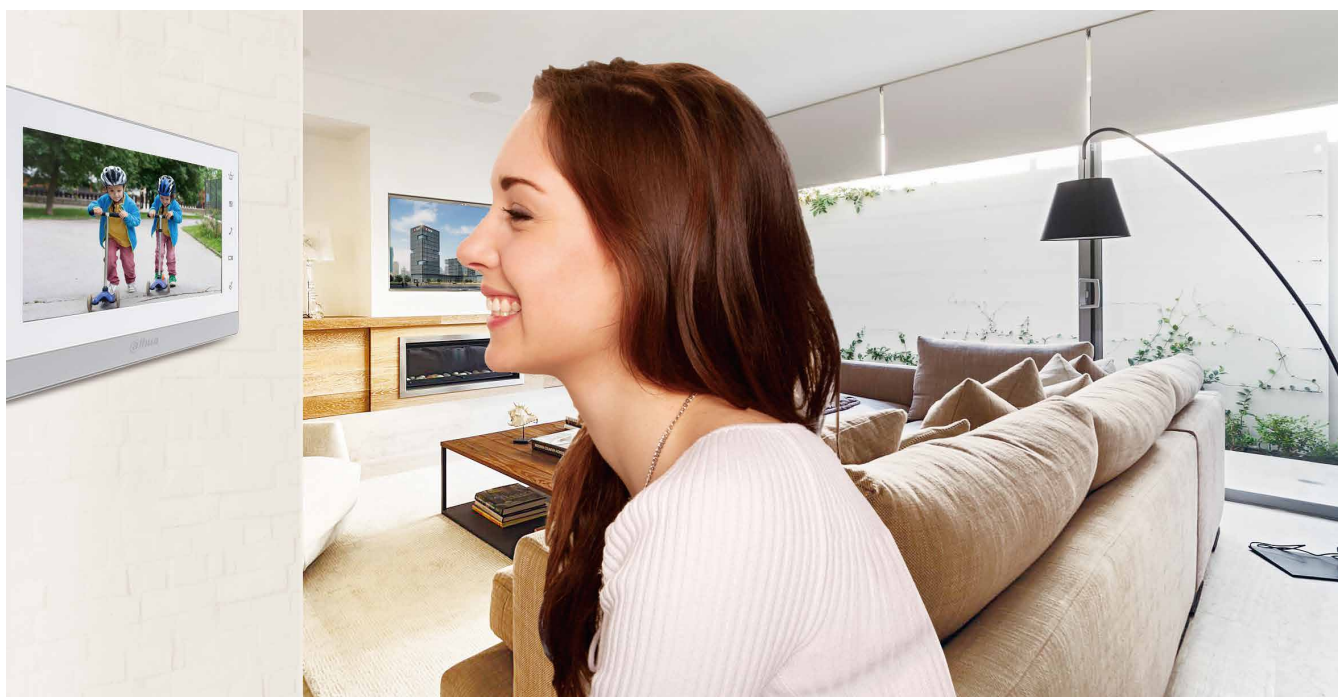
Fence

24×7h protection to safeguard the residential by intrusion alarm system and CCTV surveillance system.

Managemen Central

In a security center of the residential area, the security guard can see what is happening through the video wall. When an emergency occurs they can quickly locate the position and the can provide immediate response.
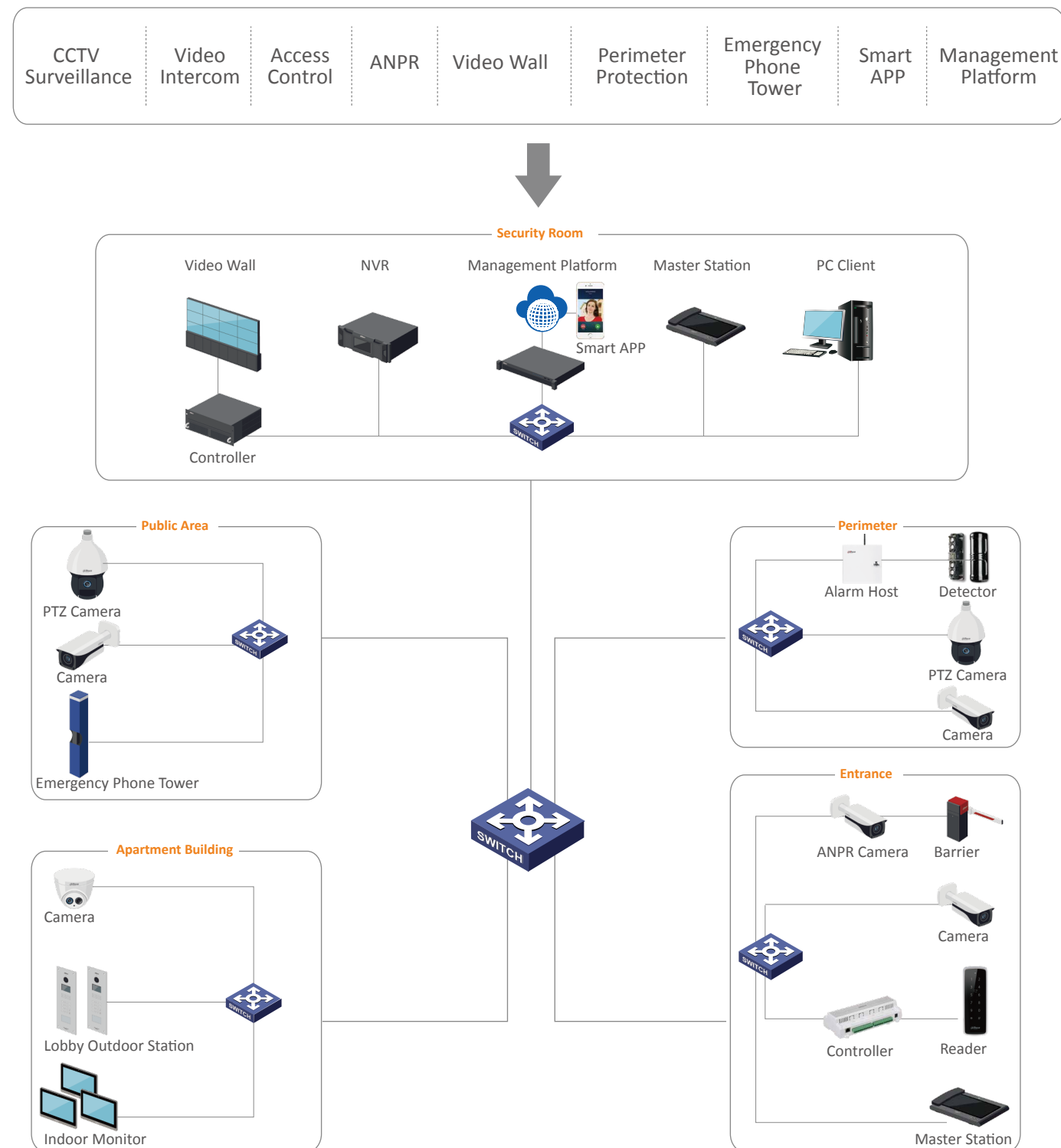
SYSTEM STRUCTURE

Highlights:

Safe / Convenient / Smart

Monitoring Area

CCTV Surveillance	Video Intercom	Access Control	ANPR	Video Wall	Perimeter Protection	Emergency Phone Tower	Smart APP	Management Platform

Security Room

Video Wall — NVR — Management Platform / Smart APP — Master Station — PC Client — Controller

Public Area

PTZ Camera — Camera — Emergency Phone Tower

Perimeter

Alarm Host — Detector — PTZ Camera — Camera

Apartment Building

Camera — Lobby Outdoor Station — Indoor Monitor

Entrance

ANPR Camera — Barrier — Camera — Controller — Reader — Master Station

KEY TECHNOLOGY

All-In-One Management Platform

Dahua all-in-one management platform, includes CCTV surveillance, video wall, alarm system, access control, video intercom, entrance control, smart application, etc. It supports high performance, high efficiency, high stability with easy operation, cost effective, one-shop station.

One-Card System for Residential

Video intercom system and access control system can be integrated to Dahua all-in-one management platform. For residential owners, they only need one card to open entrance, units' door, parking, office, etc. Easy and convenient for owners to carry only one card.

Smart APP

You can answer the call and open the door remotely whether you are at home, at work or on the go, with Dahua smart phone application.

E-map

Through the E-map you can see the devices installation location and status, you can also operate the devices and monitor directly.

Video Linkage

When an alarm event occurs with the video linkage function, it will push a video message to the management center and display it on the video wall. For security guard they can quickly locate the position the event is happening in and get informed about the real situation.

PRODUCT SHOWCASE

IPC-HDW4231EM-AS

- 1/2.8" 2Megapixel progressive scan STARVIS™ CMOS
- H.265 & H.264 triple-stream encoding
- 50/60fps@1080P(1920×1080)
- Smart detection supported
- WDR(120dB), Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 2.8mm fixed lens (3.6mm,6mm optional)
- Built-in Mic
- Max. IR LEDs Length 50m
- Micro SD memory, IP67, PoE

IPC-HFW4231B-AS

- 1/2.8" 2Megapixel progressive scan STARVIS™ CMOS
- H.265&H.264 triple-stream encoding
- 50/60fps@1080P(1920×1080)
- Smart Detection supported
- WDR(120dB), Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 3.6mm fixed lens (6mm optional)
- 1/1 Alarm in/out, 1/1 audio in/out
- Max. IR LEDs Length 50m
- Micro SD memory ,IP67, PoE

ITC237-PW1B-IRZ

- Embedded with LPR algorithm inside the camera.
- Support plate cutout, overview picture snapshot and video recording
- Embedded with White list database, control the barrier
- Powerful 2.7-12mm motorized lens and IR light, ideal for monitor ANPR distance as 3~8m
- Wide working temperature, IP67, IK10 and superior performance for outdoor applications
- True WDR technology

SD59230U-HNI

- 1/2.8" 2Megapixel STARVIS™ CMOS
- Powerful 30x optical zoom
- Starlight technology
- H.265 Encoding
- Max. 50/60fps@1080P, 25/30/50/60fps@720P
- Auto-tracking and IVS
- Support PoE+
- IR distance up to 150m
- IP66

NVR5864-16P-4KS2

- H.265/H.264/MJPEG/MPEG4 codec decoding
- Max 320Mbps incoming bandwidth
- Up to 12Mp resolution preview&playback
- 2HDMI/VGA simultaneous video output
- 3D intelligent positioning with Dahua PTZ camera
- Support RAID 0 /1/5/6/10

VTA8111A

- HD CMOS camera
- Night vision
- Video & audio talk
- Remote monitor and broadcast
- Alarm integration
- Excellent vandal proof

PRODUCT SHOWCASE

VTS5240B

- 10" TFT Capacitive touch screen, 1024×600
- IPC surveillance
- Alarm integration
- Micro SD card optional, max 32GB
- Record and snapshot (SD card needed)
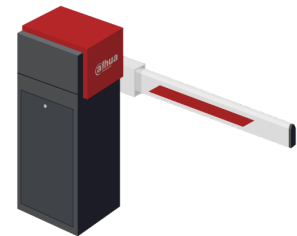
VTH1550CH

- 7" TFT Capacitive touch screen
- IPC surveillance
- Alarm integration
- Micro SD card optional, max 32GB
- Record & Snapshot (SD card needed)

VTO1210C-X

- HD CMOS camera
- Stainless steel panel, IP54, IK07
- Color video at night, with integrated white LED illumination
- Integrated card reader
- Video & Audio messaging
- Surface & Flush mounted

DHI-IPMECD-2012AL/R

- Power source: AC220V 50Hz/ AC110V 60Hz
- Consumption: 150W
- Speed: 1.5- 6 seconds (optional)
- Working temperature:-20℃ to +85℃
- Arm length: 3 to 6 meters (optional)
- Working humidity: 5％ to 95％
- Size: 390mm×340mm×1020mm (L×W×H)

ASR1201D

- RS-485 protocol
- RS485, Wiegand34/26 protocol (Default 34)
- 13.56MHz (Mifare)
- 125KHz (EM-ID)
- Red and Blue LEDs
- Watch dog function ensure device free from halting
- Water-proof (Outdoor use)
- Surface/Flush mounted installation
- IP65

ASR1102A(V2)

- RS-485 protocol
- Default IC (Mifare) card ("-D" means ID EM card)
- Support card, fingerprint
- Up to 3000 fingerprints capacity
- Blue backlight
- Watch dog function ensure device free from halting
- Beep and indicator
- Surface mounted installation

PRODUCT SHOWCASE

ASC1204B

- Support 100,000 valid cards & 300,000 records
- Support multiple cards
- Support card, password, fingerprint and combination
- TCP/IP interface to PC
- Wiegand or RS-485 interface to readers(2/4 door)
- Door time out alarm, intrusion alarm, duress alarm and tamper alarm
- Anti-pass back, multi-door interlock, multi-card open
- Support 128 efficient time and holiday schedules
- Watch dog function ensure device free from halting
- Surface mounted installation

ARC9016C

- 16 on-board zones, expansion to 256 zones (ARM801/802/911/921)
- Up to 8 partitions
- 4 alarm out, expansion to 64 (ARM911/921)
- 8 alarm keypad (ARK10C)
- 2 pairs of MBus line, up to 2.4km for each bus line
- TCP/IP, PSTN

LHP-200Q

- 4 beams cut simultaneously
- 200m distance
- ABS plastic
- IP55

DSS7016

- Embedded Linux System, C/S Architecture
- Support 7×24 stable operation
- Support Tour Plan function
- Support various reports
- Support ONVIF

M70-4U-E

- 19" standard 4U ATCA industry box
- 80ch@1080P or 320ch@D1 signal encoding (full configured)
- 80ch@4K or 320ch@1080P or 720ch@720P or 1500ch@D1 signal decoding (full configured)
- Support 320ch@1080P H.265 signal decoding(full configured)
- Support 240@D1 nonstandard stream signal decoding(full configured)
- Support max 60 screens splicing
- 6 RJ-45 gigabit network ports for matrix control, preview and online central storage

DHL460UTS-E

- Industrial level DID LCD panel, suitable for extensive 7×24 continuous works
- High contrast and high brightness
- High fidelity digital processing and vivid video
- Built-in 3D COMB filter and 3D Noise Reduction
- Brightness smart detection, power-saving
- Using Tamper-proof metal housing, no radiation

PRODUCT SELECTION

Product	Description	Entrance & Exit	Apartment Unit	Fence	Public Area	Management Central
IPC-HDW4231EM-AS	2MP IR Eyeball Network Camera	●	●		●	●
IPC-HFW4231B-AS	2 Megapixel Full HD Starlight Access ANPR Camera	●	●	●	●	
ITC237-PW1B-IRZ	2 Megapixel Full HD WDR Access ANPR Camera	●				
SD59230U-HNI	2MP 30x Starlight IR PTZ Network Camera			●	●	
NVR5864-16P-4KS2	64 Channel 2U 16PoE 4K & H.265 Pro Network Video Recorder					●
VTA8111A	Emergency Phone Tower				●	
VTS5240B	Master Station	●				●
VTH1550CH	IP Indoor Monitor		●			
VTO1210C-X	Apartment Outdoor Station		●			

PRODUCT SELECTION

Product	Description	Entrance & Exit	Apartment Unit	Fence	Public Area	Management Central
IPMECD-2012A(L/R)	Barrier	●				
ASR1201D	Slim Water-proof RFID Reader	●				●
ASR1102A(V2)	Fingerprint RFID Reader					●
ASC1204B	Four Door Access Controller	●	●			●
ARC9016C	MBus Alarm Controller			●		
LHP-200Q	Quad Beam Detector			●		
DSS7016	Management Platform					●
M70-4U-E	Multi-service Video Management Platform					●
DHL460UTS-E	46'' Full-HD Video Wall Display Unit (Ultra Narrow Bezel 5.3mm)				●	●

QUALITY BY DESIGN

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