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.
What can we provide?

- Entrance & Exit Management
- Public Safety
- Central Management

• CCTV Surveillance
• Intrusion Alarm
• Emergency Phone Tower
• Access Control

All-in-one Management Platform
Smart APP
Video Wall
RESIDENTIAL LAYOUT

Apartment Unit
- Video intercom
- Access control
- CCTV surveillance

Public Area
- Emergency phone tower
- CCTV surveillance

Entrance & Exit
- ANPR
- Access control
- Video intercom
- CCTV surveillance

Control Center
- Video wall
- Access control
- Management platform

Fence
- Intrusion alarm
- CCTV surveillance
APPLICATION AREA

**Entrance & Exit**

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

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

- 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.

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

If the owners are not at home, they can set the call transfer to their smartphone 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
When your children are playing in the residential playground with their friends, you can see them from your indoor monitor.

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

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

- Remote monitor
- Emergency announcing
- Broadcast

When your children are playing in the residential playground with their friends, you can see them from your indoor monitor.
24×7h protection to safeguard the residential by intrusion alarm system and CCTV surveillance system.

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 provide immediate response.
SYSTEM STRUCTURE

Highlights:
Safe / Convenient / Smart

Monitoring Area
KEY TECHNOLOGY

**All-in-One Management Platform**

The Dahua All-in-One Management Platform includes CCTV surveillance, video wall, alarm system, access control, video intercom, entrance control, and smart application functionality. With high performance, high efficiency, high stability and easy operation, it is a cost-effective one-stop station.

**One-Card System for Residential**

Video intercom and access control can be integrated into the Dahua All-in-One Management platform. Residential owners need only one card to gain access to the entrance, door, parking, office, or any other facility in the system.

**Smart App**

Answer calls and open the door remotely whether you are at home, at work, or on the go with the Dahua app.

**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, the video linkage function pushes a video message to the management center and displays it on the video wall. Security guards can then quickly locate the exact position of the event and confirm the 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°C to +85°C
- 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

LHP-200Q

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

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

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

DSS7016

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

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

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Entrance &amp; Exit</th>
<th>Apartment Unit</th>
<th>Fence</th>
<th>Public Area</th>
<th>Management Central</th>
</tr>
</thead>
<tbody>
<tr>
<td>IPC-HDW4231EM-AS</td>
<td>2MP IR Eyeball Network Camera</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>IPC-HFW4231B-AS</td>
<td>2 Megapixel Full HD Starlight Access ANPR Camera</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>ITC237-PW18-IRZ</td>
<td>2 Megapixel Full HD WDR Access ANPR Camera</td>
<td>●</td>
<td></td>
<td></td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>SD59230U-HNI</td>
<td>2MP 30x Starlight IR PTZ Network Camera</td>
<td></td>
<td>●</td>
<td></td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>NVR5864-16P-4KS2</td>
<td>64 Channel 2U 16PoE 4K &amp; H.265 Pro Network Video Recorder</td>
<td>●</td>
<td></td>
<td></td>
<td>●</td>
<td></td>
</tr>
<tr>
<td>VTH1550CH</td>
<td>Emergency Phone Tower</td>
<td></td>
<td></td>
<td></td>
<td>●</td>
<td></td>
</tr>
<tr>
<td>VTSS2408</td>
<td>Master Station</td>
<td>●</td>
<td></td>
<td></td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>VTH1550CH</td>
<td>IP Indoor Monitor</td>
<td></td>
<td></td>
<td></td>
<td>●</td>
<td></td>
</tr>
<tr>
<td>VTO1210C-X</td>
<td>Apartment Outdoor Station</td>
<td></td>
<td></td>
<td></td>
<td>●</td>
<td></td>
</tr>
</tbody>
</table>
# PRODUCT SELECTION

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