

PRODUCT CATALOGUE

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Contents

About Us	01	Access Control	98
What's New	02	Smart Gates	98
Dahua Technology Training	04	Access Terminals	98
IP Cameras	06	Access Controller	99
WizSense IPC	06	Access Readers	101
TiOC Family	10	Video Management Software	102
WizMind IPC	19	Wireless Alarm	104
Special Series	30	Fire Alarm	109
PTZ Cameras	44	Whiteboards	112
WizSense PTZ	44	EAS	116
HDCVI Cameras	48	EV	117
Recorders	53	USB Camera	118
NVR	53	Successful Cases	120
XVR	62	Security Solution	128
Accessories	64	Dahua Smart Home	128
Cabling	64	Dahua SMB Smart Shop	132
Tester	66	Dahua Farm & Orchard	134
UPS	67	Radar Perimeter	138
Transmission	63	Ecosystem	139
Switches	68	Partner Integration Matrix	140
Wireless Transmission	73		
Display & Control	75		
Monitors & Video walls	75		
Digital Signage	84		
Interactive Display	85		
Video Intercom	86		
Intercom VTOs	86		
Intercom VTHs	90		
Intercom KITs	92		
Master Station	95		
Intercom Accessories	95		

About Us



Dahua Technology is a world-leading video-centric AIoT solution and service provider. The company firmly strengthens its technological strategies that include AIoT and IoT digital intelligence platforms, comprehensively promoting the digital intelligence upgrading of cities and enterprises based on customer needs, and creating more value for the digital-intelligent transformation of various industries.

With a global marketing and service network, Dahua Technology has established 57 branches covering the Asia Pacific, North America, Europe, Africa and other regions to provide customers with speedy and high-quality services. In addition, Dahua Technology has deployed its products, solutions, and services in 180 countries and regions, covering key vertical industries such as transportation, manufacturing, education, retail, banking & finance, energy, environmental protection, etc.

Committed to the mission of “Enabling a safer society and smarter living”, Dahua Technology will adhere to its core value of “customer-centered,” in order to provide the market with excellent quality and service, to create more value for customers, and make unremitting efforts to build a safe, intelligent, convenient and efficient society.

To explore more, follow us on:



What's new

2-Wire Hybrid

Video Intercom KIT

DHI-KTX03



Cloud Managed Switches

6-Port Cloud Managed Switch

DH-CS4006-4ET-60

DH-CS4006-4GT-60



10-Port Cloud Managed Switch

DH-CS4010-8ET-110

DH-CS4010-8GT-110



18-Port Cloud Managed Switch

DH-CS4218-16ET-135/190/240

DH-CS4218-16GT-135/190/240



26-Port Cloud Managed Switch

DH-CS4226-24ET-240/375

DH-CS4226-24GT-240/375



DH PARTNER APP

NEW INTERFACE · NEW FUNCTIONS



QUICK ACCESS

TO LATEST DAHUA TECHNOLOGY AND
HELPFUL SUPPORT INFORMATION



VERIFY

COUNTERFEIT OR GREY MARKET PRODUCTS

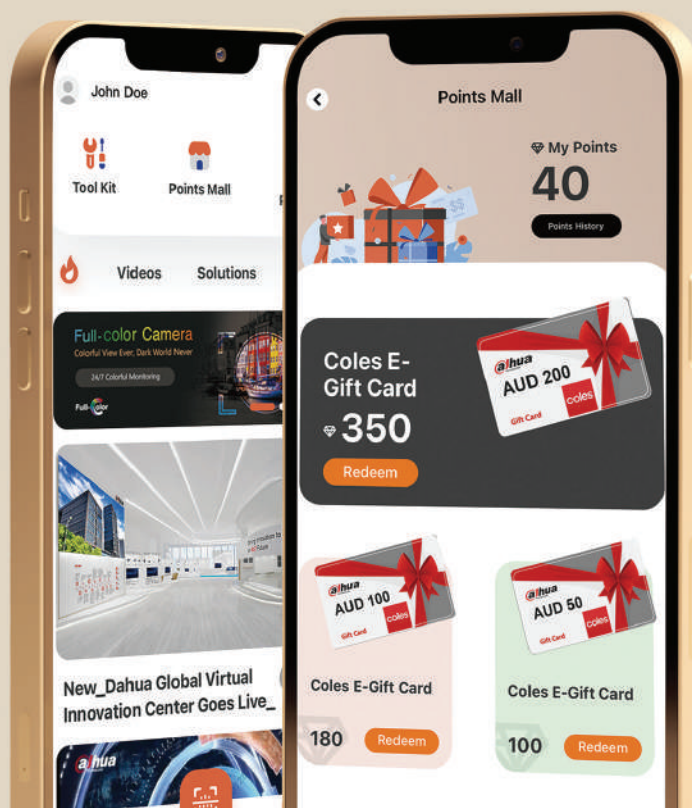


EARN REWARDS POINTS

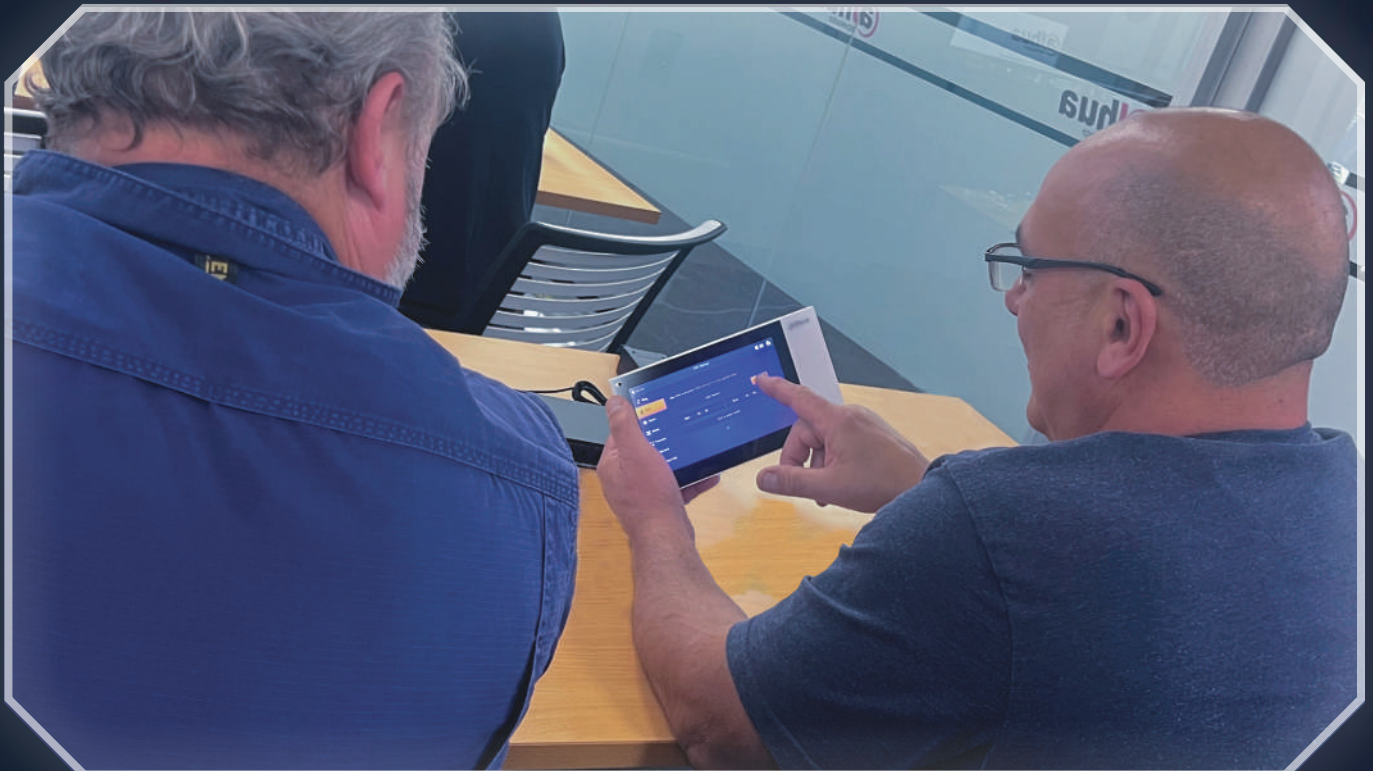
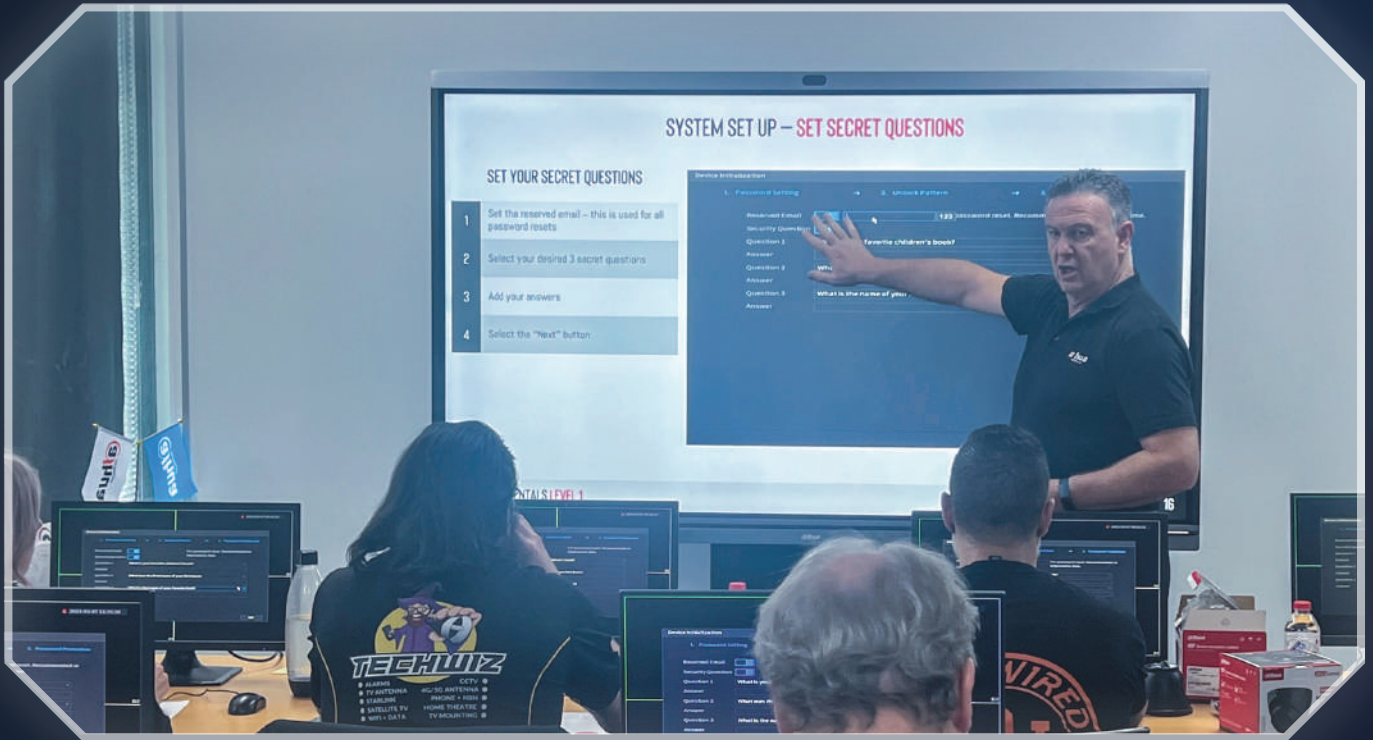
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Focus on Human and Vehicle

· SMD 4.0 · Quick Pick · AI SSA · AI Coding

Wiz Sense

Key Features :

- Provides accurate detection of human and vehicle targets.
- Supports Quick Pick function to quickly search targets of interest via AI NVR.
- Adapts AI Scene Self-adaption function to identify scenes and adjust to optimal images.
- Saves more storage while maintaining the image quality using AI Coding.

4/6/8 MP IR Fixed-focal Turret WizSense Network Camera

IPC-HDW3466EMP-S-AUS
IPC-HDW3666EMP-S-AUS
IPC-HDW3866EMP-S-AUS



- 4/6/8 MP 1/2.7" CMOS image sensor, excellent low luminance performance and high definition images
- Outputs 4 MP (2688 x 1520) 6 MP (3072 x 2048) 8 MP (3840 x 2160) @25/30 fps
- H.265 codec, high compression rate, ultra-low bit rate
- Built-in IR LED, max. IR distance: 30 m.
- ROI, SMART H.264+/H.265+, AI H.264/H.265, flexible coding, suitable for various bandwidth and storage environments
- Rotation mode, WDR, 3D NR, HLC, BLC, digital watermarking, suitable for various surveillance applications
- Intelligent detection: Intrusion, tripwire (supports classification and accurate detection of vehicles and humans)
- Abnormality detection: Motion detection, privacy masking, scene changing, audio detection, no SD card, SD card full, SD card error, network disconnection, IP conflict, illegal access, and voltage detection
- Max. 256 GB micro SD card, built-in microphone
- 12 VDC/PoE power supply, easy installation
- IP67 protection
- SMD 4.0, AI SSA

4/6/8 MP IR Vari-focal Turret WizSense Network Camera

IPC-HDW3466TP-ZS-AUS
IPC-HDW3666TP-ZS-AUS
IPC-HDW3866TP-ZS-AUS



- 4/6/8 MP 1/2.7" CMOS image sensor, excellent low luminance performance and high definition images
- Outputs 4 MP (2688 x 1520) 6 MP (3072 x 2048) 8 MP (3840 x 2160) @25/30 fps
- H.265 codec, high compression rate, ultra-low bit rate
- Built-in IR LED, max. IR distance: 40 m
- ROI, SMART H.264+/H.265+, AI H.264/H.265, flexible coding, suitable for various bandwidth and storage
- Rotation mode, WDR, 3D NR, HLC, BLC, digital watermarking, suitable for various surveillance applications
- Intelligent detection: Intrusion, tripwire (supports the classification and accurate detection of vehicles and humans)
- Abnormality detection: Motion detection, privacy masking, scene changing, audio detection, no SD card, SD card full, SD card error, network disconnection, IP conflict, illegal access, and voltage detection
- Max. 256 GB micro SD card, built-in microphone
- 12 VDC/PoE power supply, easy installation
- IP67 protection
- SMD 4.0, AI SSA

4/6/8 MP IR Fixed-focal Dome WizSense Network Camera

IPC-HDBW3466EP-AS-AUS
IPC-HDBW3666EP-AS-AUS
IPC-HDBW3866EP-AS-AUS



- 4/6/8 MP 1/2.7" CMOS image sensor, excellent low luminance performance and high definition images
- Outputs 4 MP (2688 x 1520) 6 MP (3072 x 2048) 8 MP (3840 x 2160) @25/30 fps
- H.265 codec allows high compression ratio and ultra-low bit rate
- Built-in IR LED, max. IR distance: 30 m
- ROI, SMART H.264+/H.265+, AI H.264/H.265, flexible coding, suitable for various bandwidth and storage environments
- Rotation mode, WDR, 3D NR, HLC, BLC, digital watermarking, suitable for various surveillance applications
- Intelligent detection: Intrusion, tripwire (supports the classification and accurate detection of vehicles and humans)
- Abnormality detection: Motion detection, privacy masking, scene changing, audio detection, no SD card, SD card full, SD card error, network disconnection, IP conflict, illegal access, and voltage detection
- Alarm: 1 in, 1 out (only - AS supports); audio: 1 in, 1 out (only - AS supports); max. 256 GB micro SD card, built-in microphone
- 12 VDC/PoE power supply, easy installation
- IP67, IK10 protection
- SMD 4.0, AI SSA

4/6/8 MP IR Vari-focal Dome WizSense Network Camera

IPC-HDBW3466RP-ZAS-AUS
IPC-HDBW3666RP-ZAS-AUS
IPC-HDBW3866RP-ZAS-AUS



- 4/6/8 MP 1/2.7" CMOS image sensor, excellent low luminance performance and high definition images
- Outputs 4 MP (2688 x 1520) 6 MP (3072 x 2048) 8 MP (3840 x 2160) @25/30 fps
- H.265 codec, high compression rate, ultra-low bit rate
- Built-in IR LED, max. IR distance: 40 m
- ROI, SMART H.264+/H.265+, AI H.264/H.265, flexible coding, suitable for various bandwidth and storage environments
- Rotation mode, WDR, 3D NR, HLC, BLC, digital watermarking, suitable for various surveillance applications
- Intelligent detection: Intrusion, tripwire (supports the classification and accurate detection of vehicles and humans)
- Abnormality detection: Motion detection, privacy masking, scene changing, audio detection, no SD card, SD card full, SD card error, network disconnection, IP conflict, illegal access, and voltage detection
- Alarm: 1 in, 1 out (only - ZAS supports); audio: 1 in, 1 out (only - ZAS supports); max. 256 GB micro SD card; built-in microphone
- 12 VDC/PoE power supply, easy for installation
- IP67, IK10 protection
- SMD 4.0, AI SSA

4/6/8 MP IR Fixed-focal Bullet WizSense Network Camera

IPC-HFW3466EP-AS-AUS
IPC-HFW3666EP-AS-AUS
IPC-HFW3866EP-AS-AUS



- 4/6/8 MP 1/2.7" CMOS image sensor, excellent low luminance performance and high definition images
- Outputs 4 MP (2688 x 1520) 6 MP (3072 x 2048) 8 MP (3840 x 2160) @25/30 fps
- H.265 codec, high compression rate, ultra-low bit rate
- Built-in IR LED, max. IR distance: 30 m
- ROI, SMART H.264+/H.265+, AI H.264/H.265, flexible coding, suitable for various bandwidth and storage environments
- Rotation mode, WDR, 3D NR, HLC, BLC, digital watermarking, suitable for various surveillance applications
- Intelligent detection: Intrusion, tripwire (supports the classification and accurate detection of vehicles and humans)
- Abnormality detection: Motion detection, privacy masking, scene changing, audio detection, no SD card, SD card full, SD card error, network disconnection, IP conflict, illegal access, and voltage detection
- Alarm: 1 in, 1 out (only - AS supports); audio: 1 in, 1 out (only - AS supports); max. 256 GB micro SD card, built-in microphone
- 12 VDC/PoE power supply, easy for installation
- IP67 protection
- SMD 4.0, AI SSA

4/6/8 MP IR Vari-focal Bullet WizSense Network Camera

IPC-HFW3666TP-ZAS-AUS
IPC-HFW3666TP-ZAS-AUS
IPC-HFW3666TP-ZAS-AUS



- 4/6/8 MP 1/2.7" CMOS image sensor, excellent low luminance performance and high definition images
- Outputs 4 MP (2688 x 1520) 6 MP (3072 x 2048) 8 MP (3840 x 2160) @25/30 fps
- H.265 codec, high compression rate, ultra-low bit rate
- Built-in IR LED, max. IR distance: 60 m
- ROI, SMART H.264+/H.265+, flexible coding, suitable for various bandwidth and storage environments
- Rotation mode, WDR, 3D NR, HLC, BLC, digital watermarking, suitable for various surveillance applications
- Intelligent detection: Intrusion, tripwire (supports classification and accurate detection of vehicles and humans)
- Abnormality detection: Motion detection, privacy masking, scene changing, audio detection, no SD card, SD card full, SD card error, network disconnection, IP conflict, illegal access, and voltage detection
- Alarm: 1 in, 1 out (only - ZAS supports); audio: 1 in, 1 out (only - ZAS supports); max. 256 GB micro SD card, built-in microphone
- 12 VDC/PoE power supply, easy for installation
- IP67, IK10 (optional) protection
- SMD 4.0, AI SSA

4 MP IR Fixed-focal Dome WizSense Network Camera

IPC-HDBW3466FP-AS-AUS



- 4 MP 1/3" CMOS image sensor, excellent low luminance performance and high definition images
- Outputs max. 4 MP (2688 × 1520) @25/30 fps
- H.265 codec, high compression rate, ultra-low bit rate
- Built-in IR LED, max. IR distance: 30 m
- ROI, SMART H.264+/H.265+, AI H.264/H.265, flexible coding, suitable for various bandwidth and storage environments
- Rotation mode, WDR, 3D NR, HLC, BLC, digital watermarking, suitable for various surveillance applications
- Intelligent detection: Intrusion, tripwire (supports classification and accurate detection of vehicle and human)
- Abnormality detection: Motion detection, privacy masking, scene changing, audio detection, no SD card, SD card full, SD card error, network disconnection, IP conflict, illegal access, and voltage detection
- Alarm: 1 in, 1 out; audio: 1 in, 1 out; max. 256 GB micro SD card, built-in microphone
- 12 VDC/PoE power supply facilitates installation
- IP67, IK10 protection
- SMD 4.0, AI SSA

4 MP Wide Angle Fixed Dome WizSense Network Camera

IPC-HDBW3466R-AS-P



- 4 MP 1/2.7" CMOS starlight-grade image sensor, low luminance, and high definition image
- Outputs 4 MP (2688 × 1520) @25/30 fps, and supports max. 5 MP (2880 × 1620) @20 fps
- H.265 codec, high compression rate, ultra-low bit rate
- Built-in IR LED, and the max. illumination distance is 15 m
- ROI, SMART H.264+/H.265+, AI H.264/H.265, flexible coding, suitable for various bandwidth and storage environments
- Rotation mode, WDR, 3D NR, HLC, BLC, digital watermarking, suitable for various surveillance applications
- Intelligent monitoring: Intrusion, tripwire (the two functions support the classification and accurate detection of vehicles and humans)
- Abnormality detection: Motion detection, video tampering, scene changing, audio detection, no SD card, SD card full, SD card error, network disconnection, IP conflict, illegal access, and voltage detection
- Alarm: 1 in, 1 out; audio: 1 in, 1 out; supports max. 256 GB micro SD card, built in microphone
- 12 VDC/PoE power supply
- IP67, IK10 protection
- EPTZ: Enlarge and track the targets of intelligent alarms
- SMD 3.0

4 MP Wide Angle Fixed Bullet WizSense Network Camera

IPC-HFW3466T-AS-P



- 4 MP 1/2.7" CMOS starlight-grade image sensor, low luminance, and high definition image
- Outputs 4 MP (2688 × 1520) @25/30 fps, and supports max. 5 MP (2880 × 1620) @20 fps
- H.265 codec, high compression rate, ultra-low bit rate
- Built-in IR LED, and the max. illumination distance is 20 m
- ROI, SMART H.264+/H.265+, AI H.264/H.265, flexible coding, suitable for various bandwidth and storage environments
- Rotation mode, WDR, 3D NR, HLC, BLC, digital watermarking, suitable for various surveillance applications
- Intelligent monitoring: Intrusion, tripwire (the two functions support the classification and accurate detection of vehicles and humans)
- Abnormality detection: Motion detection, video tampering, scene changing, audio detection, no SD card, SD card full, SD card error, network disconnection, IP conflict, illegal access, and voltage detection
- Alarm: 1 in, 1 out; audio: 1 in, 1 out; supports max. 256 GB micro SD card, built in microphone
- 12 VDC/PoE power supply
- IP67 protection
- EPTZ: Enlarge and track the targets of intelligent alarms
- SMD 3.0



TiOC Family

**YOUR EFFECTIVE
DETERRENT
AGAINST INTRUDERS**



TiOC (IPC)



IPC-HFW3X49T1-AS-PV-ANZ
6/8MP Smart Dual Light Active Deterrence
Fixed-focal Bullet WizSense
Network Camera

- 0.0004 Lux@F1.0
- 120dB True WDR
- 30m IR light distance, 30m warm light distance
- Built-in Dual Mic and Speaker for Two-way Talk
- SMD 4.0, Perimeter Protection, AI SSA, AI Coding



IPC-HDW3X49H-AS-PV-ANZ
6/8MP Smart Dual Light Active Deterrence
Fixed-focal Turret WizSense
Network Camera

- 0.0003 Lux@F1.0
- 120dB True WDR
- 30m IR light distance, 30m warm light distance
- Built-in Dual Mic and Speaker for Two-way Talk
- SMD 4.0, Perimeter Protection, AI SSA, AI Coding



IPC-HFW3X49R1-ZAS-PV-ANZ
5/8MP Smart Dual Light Active Deterrence
Vari-focal Dome WizSense Network
Camera

- 0.0004 Lux@F1.0
- 120dB True WDR
- 50m IR light distance, 40m warm light distance
- Built-in Dual Mic and Speaker for Two-way Talk
- SMD 4.0, Perimeter Protection, AI SSA, AI Coding



IPC-HDW3X49H-ZAS-PV-ANZ
6/8MP Smart Dual Light Active Deterrence
Vari-focal Turret WizSense Network Camera

- 0.0003 Lux@F1.0
- 120dB True WDR
- 50m IR light distance, 40m warm light distance
- Built-in Dual Mic and Speaker for Two-way Talk
- SMD 4.0, Perimeter Protection, AI SSA, AI Coding



TiOC Duo

IPC-PDW3849-A180-AS-PV-ANZ
TiOC Duo Splicing Turret WizSense
Network Camera

- 180° FOV
- Built-in Dual Mic and Speaker for Two-way Talk
- SMD 4.0, Perimeter Protection, AI Coding
- EPTZ



TiOC Duo

IPC-PFW3849S-A180-AS-PV-ANZ
TiOC Duo Splicing Bullet WizSense
Network Camera

- 180° FOV
- Built-in Dual Mic and Speaker for Two-way Talk
- SMD 4.0, Perimeter Protection, AI Coding
- EPTZ

TiOC (HAC)



HAC-ME1X09TH-A-PV
5/8MP Smart Dual Light TiOC HDCVI
Bullet Camera

- Max 15 fps@4K
- Smart Dual Light, 2.8/3.6mm
- 120dB True WDR
- Protection against red & blue light interference
- 40m illumination distance
- Super Adapt
- Built-in Mic
- CVI/CVBS/AHD/TVI switchable



HAC-ME1X09H-A-PV
5/8MP Smart Dual Light TiOC HDCVI
Eyeball Camera

- Max 25 fps@5MP (16:9 video output)
- Smart Dual Light, 2.8/3.6 mm
- 120dB True WDR
- Protection against red & blue light interference
- 40m illumination distance
- Super Adapt
- Built-in Mic
- CVI/CVBS/AHD/TVI switchable



IPC-HFW3X49T1-ZAS-PV
5/8MP Smart Dual Light Active
Deterrence Vari-focal Bullet
WizSense Network Camera

- 120dB True WDR
- 50m IR light distance, 40m warm light distance
- Built-in Dual Mic and Speaker for Two-way Talk
- SMD 4.0, Perimeter Protection, AI SSA, AI Coding

TiOC (PTZ)



SD3E405DB-GNY-A-PV1
5X TiOC Network PTZ Camera

- 4MP, Smart Dual Light, 2.7mm-13.5mm
- 120dB True WDR
- 50m IR light distance, 30m warm light distance
- Built-in Mic and Speaker for Two-way Talk
- Auto Tracking Lite
- SMD 3.0



SD4E425GB-HNR-A-PV1
25X TiOC Network PTZ Camera

- 4MP, Smart Dual Light, 5-125mm
- 120dB True WDR
- 100m IR light distance, 50m warm light distance
- Built-in Speaker
- Auto Tracking 3.0
- SMD 4.0



SD6C3425GB-HNR-A-PV1
25X TiOC Network PTZ Camera

- 4MP, Smart Dual Light, 5-125mm
- 120dB True WDR
- 150m IR light distance, 50m warm light distance
- Built-in Speaker
- Auto Tracking 3.0
- SMD 4.0



3-IN-ONE CAMERA

TiOC 2.0

What is TiOC 2.0?

With its foundation from the previous generation of TiOC, a variety of new innovative technologies are introduced in the latest TiOC 2.0 for the first time, achieving breakthroughs and quality improvements in illuminators, audio and images. At the same time, TiOC 2.0 can be integrated with alarm system through software upgrades. It provides better ecosystem that offers more convenient operation and better user experience.

Key Features



Smart Dual Light

- Smart Illumination Mode (Default): Switch between IR Mode and warm light when target is detected.



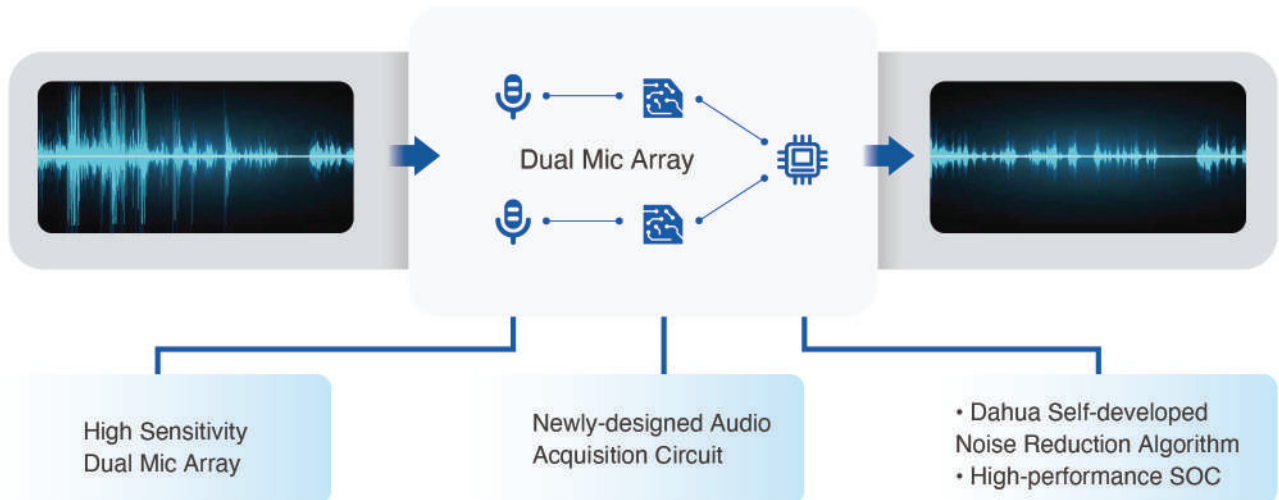
- IR Mode (Optional): Only the IR illuminator is ON. It is suitable for scenes where supplementary warm light is not required, significantly reducing light pollution.
- Warm Light Mode (Optional): Only the warm light is ON. It is suitable for scenes that require color video footages.

TiOC 2.0



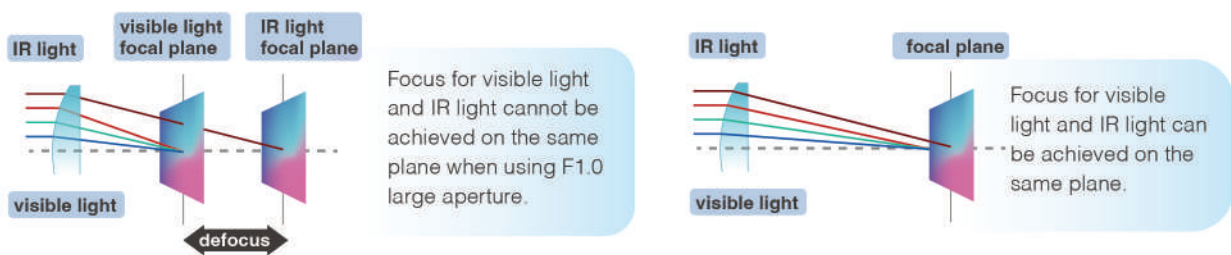
VoiceCatcher Technology

- Newly-designed Dual Mic Array intercepts external circuit interference.
- Audio pick-up distance is increased by 7 meters compared with the previous version of TiOC.
- The Dahua VoiceCatcher reduces noise and extracts audible audio signals.



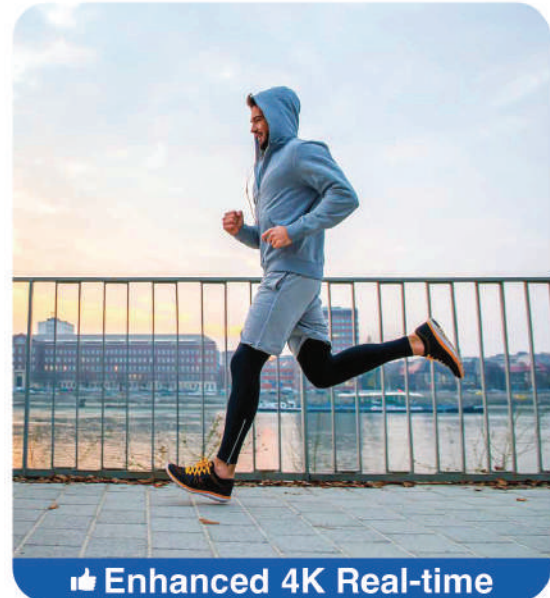
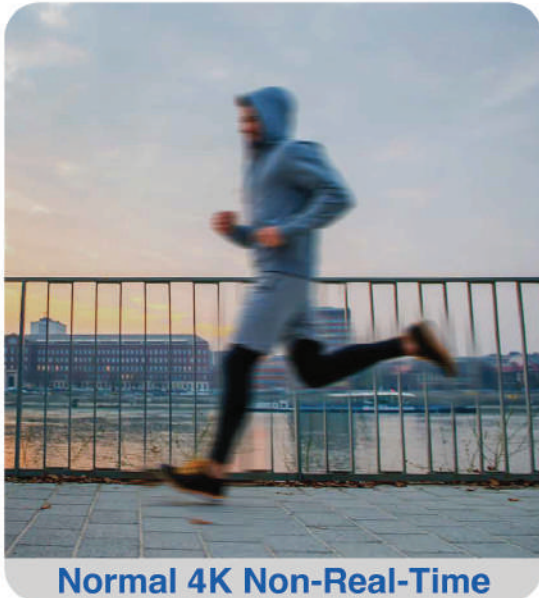
Better Image

- First Dahua camera powered by OPC (Optical Path Technology). It corrects the refraction angle of different light path. With F1.0 large aperture lens, it outputs brighter and clearer black & white images.



With the OPC technology, the details of the tree are clear, and the edges of the image are bright.

- 4K Real-time: Smooth 4K real-time images at 30 fps even when AI is enabled, with high brightness using F1.0 large aperture.



Easy Operation

- Alarm-in Port: Allows alarm receiving or one-tap disarming through the alarm system interface.
- One-tap Disarming: Turns on/off the warning light and siren via the DMSS or alarm-in port.
- Alarm Sounds: Offers 11 built-in sounds and supports importing of custom voice audio for different scenarios.



Store: "Welcome"



Dangerous Place: "No Entry"



Fire Exits: "No Parking"



Construction Sites: "Keep Out"

TiOC 2.0

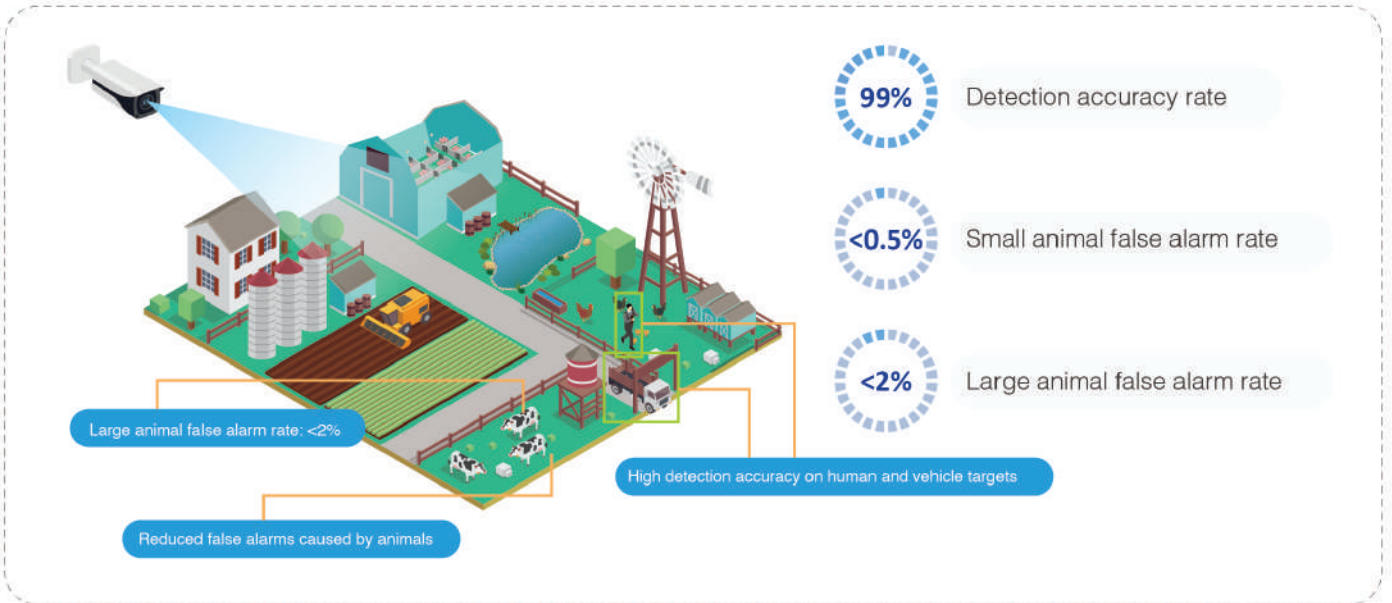


AI Features



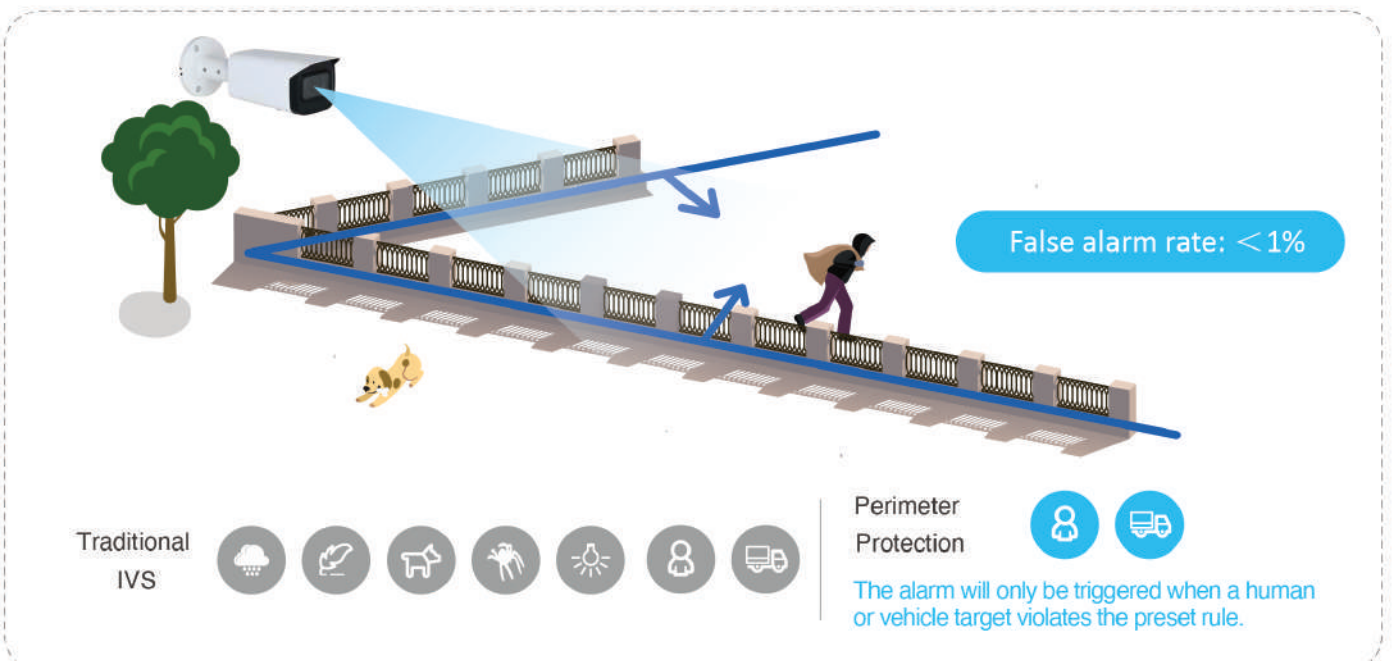
SMD 4.0: Reduces false alarms caused by animals

With upgraded AI capabilities, the SMD function filters out irrelevant objects in the scene. Equipped with new deep learning algorithm, SMD 4.0 is optimized to filter out small and large animals in the scene to avoid triggering false alarms.



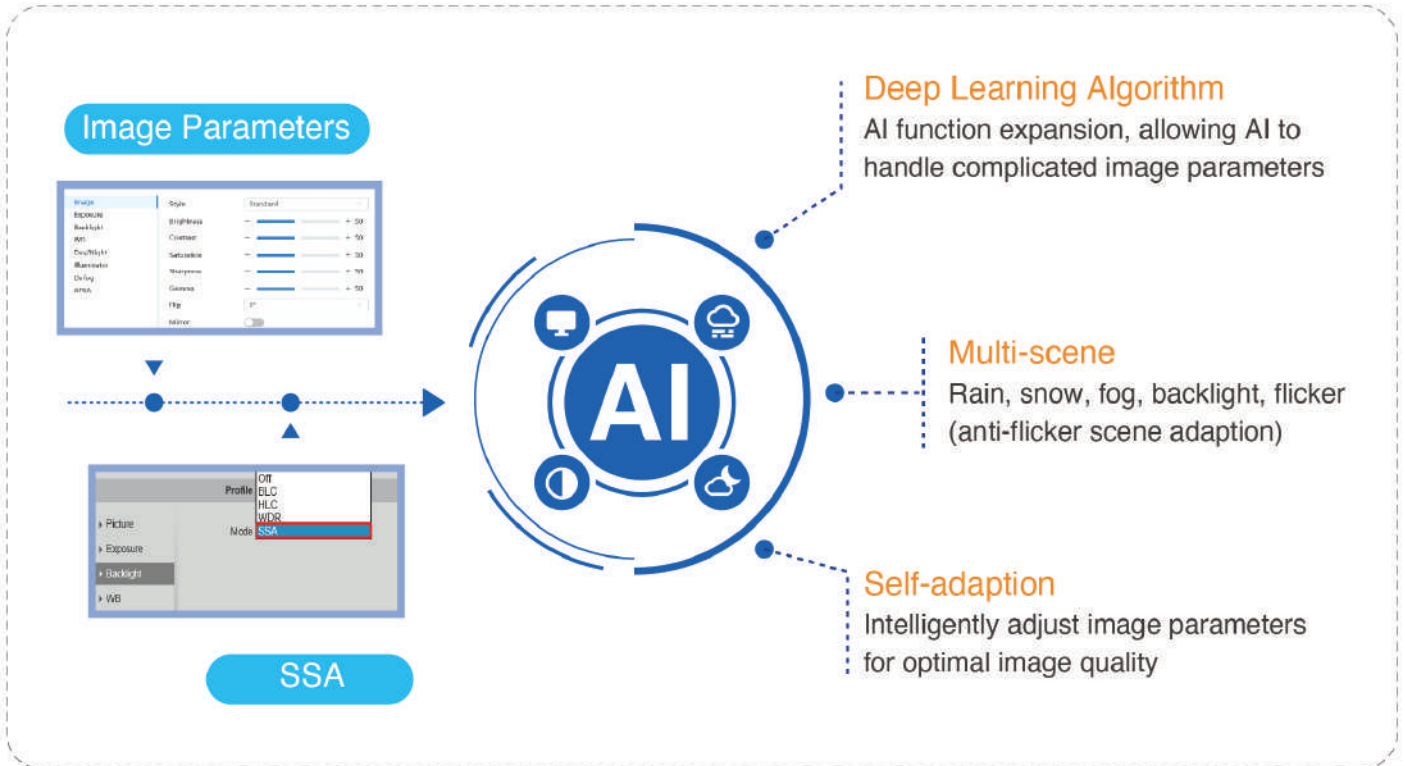
Perimeter Protection

The perimeter protection function based on tripwire and area intrusion sends an alarm only when unwanted movements triggered by human or vehicle targets occur, saving users from unnecessary actions caused by false alarms.



AI SSA

With the continuous development of video surveillance and AI, the demand for images with higher quality is also increasing. The Dahua AI SSA (Scene Self-adaption) technology is based on deep learning algorithm that can intelligently identify multiple scenes and adjust to their optimal images.



Auto Tracking 3.0 (PTZ)

Smooth Tracking Process

Combined with PFA 3.0 algorithm (a deep fusion of intelligent algorithms and focusing algorithms), it realizes touchless focusing during the tracking and capturing process.



VS



TiOC 2.0

Long Tracking Distance

With the Automatic Tracking 2.0 algorithm as its foundation, the requirements on the tracking size of the target are further reduced, making the target size smaller and the tracking distance longer. The tracking distance of Automatic Tracking 3.0 can reach up to 870 meters.

Human Tracking Distance:



3.0: 220m

2.0: 170m

Vehicle Tracking Distance:



3.0: 870m

2.0: 630m

Applications



Private Places

- Less Light Pollution: Less use of white light means less light pollution
- Active Deterrence: Warn off intruders during the intrusion
- Color Monitoring: Presents color alarm videos
- Scenarios: Villas, shops, warehouses, etc.



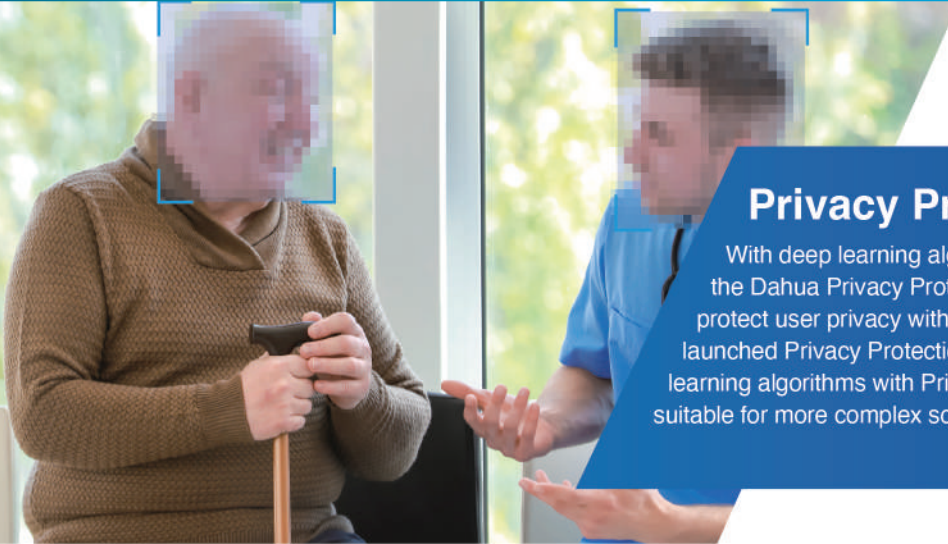
Public Areas

- Active Deterrence: Customized audios and light alarms to warn the target in the monitored area
 - Accurate Detection: Focuses on human and vehicle targets to accurately identify real targets
 - Ecosystem: One-tap arming/disarming via alarm-in-port or DMSS
- Scenarios: Fire exits, emergency exits, etc.



Wiz Mind ²⁰²³

Empowering Verticals With
Leading AI Technology



Privacy Protection + ^{NEW}

With deep learning algorithm and compliance with the GDPR, the Dahua Privacy Protection Technology is designed to protect user privacy with real-time mosaic. In 2023, Dahua launched Privacy Protection+ that combines a variety of deep learning algorithms with Privacy Protection Technology, making it suitable for more complex scenarios.

Highlights

Full Process

The Dahua privacy protection solution supports the use of privacy protection functions during video capturing of the IPC, ensuring the encryption and protection of personal information from the source of the video, and avoiding exposure of portrait information in any way.

Full Time

Dahua continuously optimizes and improves its Privacy Protection algorithm to ensure that the Privacy Protection function is suitable for a variety of indoor and outdoor scenes, maintaining its leading position in the industry.

Full Cover

Dahua provides complete privacy protection solutions including video capturing, back-end storage and platform management, covering all scenarios in the industry.

Features



Front-end
Real-time Mosaic



Privacy Protection +
AI Functions



Free Mosaic on
Selected Targets



Irregular Black
Block Masking

Applications



Nursing Home

In nursing homes, sensitive areas such as bedrooms are not suitable for direct monitoring. With the privacy protection solution, these sensitive areas can be masked by camera, which not only protects the safety of the elderly, but also reduces labor costs.



Shopping Mall

For retailers, it is very important to manage their business through effective selling and efficient loss prevention. Customers' privacy protection is also a top priority. Dahua's privacy protection solution provides flow data of customer, heat map data, as well as mosaic covering function that complies with GDPR to help users optimize their business, save labor costs and protect user privacy.



PPE - Personal Protective Equipment NEW

The Dahua PPE Detection technology with deep learning algorithm can detect and capture images of personal protective equipment in the site and can trigger alarms accordingly. Nine attributes can be detected, including hats, work wear, mask etc. It helps reduce the workload of safety management personnel and improve employee safety at work.

Features



Nine Attributes

Aside from hats, safety vests, clothing color, and masks (by front and back intelligence), the front-end intelligence can also detect other attributes such as apron, gloves, shoe cover, boots, and seatbelt.



Custom Training

PPE supports importing workwear images through IPC/IVSS as the base library for localized modeling, training and comparison.



Quick Target Location

The PPE function can quickly locate specified targets by selecting different attributes, which greatly improves searching efficiency and facilitates immediate response management.



Applications



Construction Site

A smart building often involves several areas, including smart residential areas, smart office buildings, and parks. These construction sites are full of extra large equipment, and sometimes even hazardous substances. Employees need to wear personal protective equipment at all times to ensure work safety.



Plant

There are a number of industrial plants in the energy industry, including refinery plant, chemical plant, and power plant. The Dahua PPE solution can efficiently monitor proper wearing of personal protective equipment such as helmet and work clothes in the factory, greatly reducing the workload of safety management personnel and significantly improving the work safety of employees

Panoramic Surveillance 2023 ^{NEW}

The Dahua panoramic system is designed for applications that require a 360°, 270° and 180° view for situational awareness. WizMind offers all-in-one design, up to 8K Ultra High Definition resolution, wider coverage, excellent night view, better image correction, and rich AI functions. It is a perfect surveillance solution that can replace multiple conventional cameras, reduce complexity, and save installation and maintenance costs.

Features

8K HD Panoramic Image

Delivers vast area coverage with crystal clear images, enabling users to see more hard-to-discover details in large scale scenarios with up to 8K ultra HD resolution.

AR Panorama

Based on AR technology and resources integration, the AR Panorama achieves a visual, controllable and dispatchable new command mode in a single system.

EPTZ

EPTZ can simultaneously zoom in and track multiple targets when an alarm is triggered, realizing an intelligent function similar to PTZ linkage. In addition to a panoramic view, EPTZ also provides rich details to help users see distant object clearly.

AI Features

It is difficult in traditional monitoring to capture details and achieve intelligent application for human and vehicle targets in a large field of view. The Dahua Panoramic solution perfectly solves this problem and effectively captures image details. Dahua has launched several intelligent solutions for different scenes.



Perimeter Protection



Smart Tracking



Vehicle Density



Crowd Distribution Map



Video Metadata



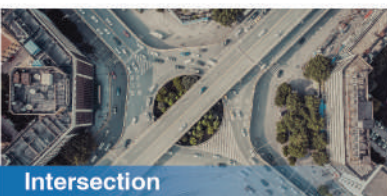
People Counting



More



Application



Intersection

Scenes such as intersections are complex and require multiple traditional cameras. With its all-in-one design, the Dahua panoramic surveillance solution ensures that **the panoramic image does not lose details, and offers cost-effective installation and more application of AI functions.**



People Counting NEW

The Dahua People Counting can track and process moving human body targets to realize accurate statistics of people entering, leaving and currently within the monitored area. This intelligent function offers customers with valuable data for business report analysis, providing statistics with up to 99% counting accuracy.

Leave Post Detection



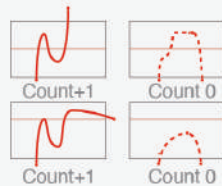
Detection of personnel on duty status, and real-time alarm.

Crowd Detection



Detect the crowd situation of the area, give real-time alarm, and inform the administrator to disperse the crowd.

People Counting for Line Crossing



Report export

Dahua People Counting can obtain in-depth information, filter hovering and provide reports with high accuracy.

People Counting in Area



- Area 1: 3
- Area 2: 2
- Area 3: 1
- Area 4: 6



Threshold per area: 5

It supports independent detection of up to 4 areas, and detects the changes in the number of people in every area in real time. Reports could be exported as well.

Queue Management



- Threshold per area: 5
- Waiting time threshold: 30s

Dahua Queue Management supports two types of alarms: number of people and waiting time. It also supports report export.

Applications



Reception

For some important jobs, it is necessary to ensure that there are staff on duty. The Dahua People Counting solution can help managers monitor the status of their staff on duty in real time, providing alarms when there's absence of staff on the site and allowing the managers to handle the situation in time.



Checkout Counter

With the queue management function, when the number of people or the waiting time reaches the preset threshold, the system will alert the manager to open additional checkout counters to serve customers without delay. This enables retailers to deliver better in-store experience and reduce labor costs.



Video Metadata ^{NEW}

The Video Metadata technology of WizMind is equipped with deep learning algorithms that can efficiently locate human and vehicle targets based on attributes analysis. In order to better enhance the value of its functions, Dahua has added targets direction analysis and data statistics technology.



Face

- Gender
- Age
- Glasses
- Mask
- Expression
- Beard



Human Body

- Gender
- Age
- Top Color
- Top Type
- Bottom Type
- Hat
- Bottom Color
- Bag
- Umbrella



Motor Vehicle

- Vehicle Type
- Color
- Logo
- Plate No.
- Seatbelt
- Calling
- Smoking



Non-motor Vehicle

- Top Color
- Top Type
- Vehicle Type
- Vehicle Color
- Cycling Number
- Helmet

Features



Vehicle Video Metadata

It offers more than 7 motor vehicle attributes and more than 6 non-motor vehicle attributes that can pinpoint the appearance of a motor or non-motor vehicle.



Quick Target Search

Admin can search targets using metadata on back-end device or platform and can accurately and quickly locate targets from massive data after events.



Human Video Metadata

It offers more than 10 kinds of human attributes that can pinpoint the appearance of a person.



Statistics

Customers can generate people and non-vehicle statistics, as well as direction data reports for business analysis.

Applications



Main Road

Video metadata can be used to analyze the attributes and data statistics of human, motor vehicles and non-motor vehicles on the road. Local departments can utilize these data to efficiently plan better streets. It does not save face image data to protect the privacy of pedestrians and other road users.



Office Park

Video metadata can be used to continuously manage employees and vehicles in the office park and search targets through attributes analysis. It helps alleviate the pressure in managing people and vehicles in the premises and improves the safety of employees at work.



Illegal Parking Detection

When a vehicle enters the monitored area, the Dahua Parking Detection technology based on CNN deep learning will capture its images and save metadata. It helps security personnel to ensure smooth traffic, and reduce accidents and property losses caused by illegal parking.



Illegal Parking Example

Violation Time:2022-03-26 15:51:10
Violation Location: XXXXX Road
Plate No.: HUA1199
Parking Duration: 00:00:23

*Illegal parking duration can be set according to actual demand

Features



Warning Sounds Drive Away NEW

When a vehicle parks in an illegal parking area, the illegal parking PTZ can send a warning voice audio through its built-in loudspeaker to warn the vehicle to leave.



Complete Chain of Evidence

Supports capturing of vehicle images, with license plate number and other violation information overlaid on the image as evidence.



Wide Detection Range

Supports displaying of panoramic and detail views simultaneously, with both channels equipped with illegal parking detection to cover a wide detection range.

Application



Road

Vehicles parked on and off the road increase the risk of traffic congestion and accidents. Through the deployed camera, 24/7 detection of violation behavior can be achieved, significantly improving monitoring efficiency. At the same time, when an illegal parking has been detected, the alarm linkage can be used to remind the driver to leave on time, thus ensuring traffic safety on the road.



WizMind Ecosystem

The Dahua WizMind series is compatible with major third party platforms. In addition, the WizMind Ecosystem provides sufficient DHOP and API, allowing smooth and efficient integration with technology partners.

Good Compatibility

Compatible with global video management system, PSIM, and alarm monitoring software such as AxxonSoft, Digifort, Advancis, SoftGuard, etc.

Supports advanced features with Qognify, Network Optix, Luxriot and others, such as ANPR, People Counting, Perimeter Protection and Heat Map.

Dahua is a full member of ONVIF. All WizMind products passed the ONVIF conformance process.



DHOP

• The Dahua Hardware Open Platform allows users to customize the camera based on their actual needs.

- More than 15 existing partners
- More than 18 applications available



Sufficient API

The sufficient API provided by Dahua allows any technology partners to communicate with WizMind products.

A strong customer support, together with a complete SDK demo and API document, are available in our website.

Hubble Series



- Supports 360°/270°/180° panoramic view
- Supports 32MP/24MP/16MP @25/30fps
- Starlight technology, IR distance up to 500m, OIS (Optical Image Stabilization)
- Anti-corrosion Protection (optional)



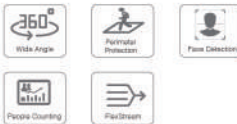
Mini Hubble Series



- Supports 360°/180° panoramic view
- Supports 16MP/8MP @25/30fps
- Starlight technology, IR distance up to 100m
- Built-in mic and speaker, supports two-way talk
- 60% size reduction and 50% weight reduction compared with S3 Hubble, enabling easy installation



IPC-PDBW82041-B360-S2



- Supports 360° panoramic view
- Four 1/2.7" 5MP progressive scan CMOS
- FlexStream: four-channel streams can be viewed in one channel simultaneously
- IP67, IK10, Anti-corrosion Protection (optional)



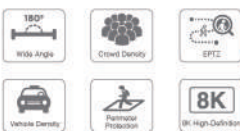
IPC-HDBW5441F-AS-E2



- Supports up to 180° wide view
- Two 1/2.7" 4MP progressive scan CMOS
- FlexStream: two-channel streams can be viewed in one channel simultaneously
- IP67, IK10



Multi-Sensor 180° Series



- Four 1/1.8" 8MP/4MP progressive scan CMOS
- Supports 32MP/16MP @25/30fps
- Supports 180° panoramic view (150° FOV after correction)
- EPTZ: zooms in and tracks the target that triggered the alarm



PDW/PFW5849 Series



- Supports 180° panoramic view
- Max. 8MP (4096x1800) @25/30fps
- Built-in mic and speaker, supports two-way talk
- EPTZ: zooms in and tracks the target that triggered the alarm



WizMind IPC - X & 7 Series

71242-X Series



- 12MP (4000×3000) @25/30 fps
- P-iris; Audio/Alarm/RS485/BNC ports
- Five streams for four-channel HD video
- IP67, IK10, Anti-corrosion Coating (optional)
- 10+ AI Functions; 2 AI functions can be enabled at the same time



7842-X Series



- 8MP (3840×2160) @50/60fps
- P-iris; Audio/Alarm/RS485/BNC ports
- Five streams for four-channel HD video
- IP67, IK10, Anti-corrosion Coating (optional)
- 10+ AI Functions; 2 AI functions can be enabled at the same time



7442-X Series



- 4MP (2688×1520) @50/60fps
- Time-Division Exposure; P-iris; Audio/Alarm/RS485/BNC ports
- Five streams for four-channel HD video
- IP67, IK10, Anti-corrosion Coating (optional)
- 10+ AI Functions; 2 AI functions can be enabled at the same time



MFW7X49Y Dual-Sight Series



- MFW7449Y: 4MP @25/30fps + 4MP @25/30fps
4MP @25/30fps + 8MP @25/30 fps
- MFW7849Y: 8MP @25/30fps + 4MP @25/30fps
8MP @25/30fps + 8MP @25/30fps
- Hyper DoF; Illumination by Area; Dual-Micro PTZ; Dual Light Fusion; Time-Division Exposure
- AI functions of Channel 1 and Channel 2 can be enabled at the same time.



MFW7X42K1 Dual-Sight Series



- MFW7442K1: 4MP @25/30fps + 4MP @25/30fps
- MFW7842K1: 8MP @25/30fps + 2MP @25/30fps
- Built-in dual mic & Hi-Fi large-diameter speaker
- 12 VDC power output, max. current 165 mA
- Sound and light alarms are generated when an alarm is triggered



HDW8441-BV-3D



- 3MP Dual Lens
- Supports Stereo Analysis
- Built-in mic, speaker & siren for active deterrence
- 0.005Lux, IP67, IK10
- 12V DC power output, max. current 165mA



HDW8441X-3D Series



- 4MP Dual Lens
- Supports Crowd Detection, Intelligence Trajectory, Leave Post Detection and People Counting
- Built-in mic, speaker & siren for active deterrence
- 0.005Lux, IP67, IK10
- 12V DC power output, max. current 165mA



WizMind IPC - S & Full - Colour Series

Junction Box (S3 version) Series



- 4/8MP Available; Deeplight; AcuPick
- P-iris; Heater; Dual Mic; Dual Power Backup
- Anti-corrosion Coating (optional)
- Alarm: 3 in, 2 out; Audio: 1 in, 1 out; RS-485; Analog output; Power output
- IP67, IK10
- 50/60fps@2MP setting in 5442 models



Vari-focal (S3 version) Series



- 2/4/5/8MP Available; Deeplight; AcuPick
- Built-in Mic; Dual Power Backup (except box cameras)
- WDR, 3D NR, HLC, BLC, Defog
- 50/60fps@2MP settings in 5,442 models



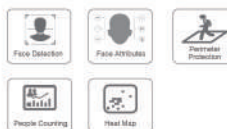
Fixed-focal (S3 version) Series



- 2/4/5/8MP Available; Deeplight; AcuPick
- Built-in Mic; Dual Power Backup (except box cameras)
- WDR, 3D NR, HLC, BLC, Defog
- 50/60fps@2MP setting in 5442 models



Full-color Series



- 4/8MP Available; Smart codec; Full-color
- WDR, 3D NR, HLC, BLC, Defog
- F1.0+LED
- Smart IR, IP67, IK10 (optional)
- ePoE



Wiz Mind

NEW



**Empowering verticals with
leading AI technology**



2 MP Anti-corrosion IR Network Camera

SDZW2000T-SL



- 1/2.8" 2 megapixel STARVIS™ CMOS
- Starlight technology
- H.265 encoding
- Max. 50/60 fps@1080p
- IVS
- IP68, IK10, NEMA 4X
- Material: 316L stainless steel



2 MP 30x Anti-corrosion IR Network Camera

SDZW2030U-SL



- 1/2.8" 2 megapixel STARVIS™ CMOS
- Powerful 30x optical zoom
- Starlight technology
- H.265 encoding
- Max. 50/60 fps@1080p
- IVS
- IP68
- Material: 316L stainless steel



2 MP 30x Anti-corrosion PTZ Network Camera

SD60230U-H NI-SL



- 1/2.8" 2 megapixel STARVIS™ CMOS
- Powerful 30x optical zoom
- Starlight technology
- H.265 encoding
- Max. 50/60 fps@1080p
- Auto-tracking and IVS
- Supports PoE+
- IP68, IK10, NEMA 4X
- Material: 316L stainless steel



2 MP 30x Explosion-proof IR Network Camera

EPC230U



- 1/2.8" 2 megapixel STARVIS™ CMOS
- Powerful 30x optical zoom
- 304 stainless steel housing
- Starlight technology
- H.265 encoding
- Max. 50/60 fps@1080p
- Supports IVS
- IR distance up to 100 m
- IP68, ATEX and IECEx Certification

2 MP 30x Explosion-proof Network Positioning System

EPC230U-PTZ



- 1/2.8" 2 megapixel STARVIS™ CMOS
- Powerful 30x optical zoom
- 316L stainless steel housing
- Starlight technology
- H.265/H.264 triple-stream encoding
- Max. 50/60 fps@1080p
- IP68

2 MP 30x Explosion-proof IR Network Positioning System

EPC230U-PTZ-IR



- 1/2.8" 2 megapixel STARVIS™ CMOS
- Powerful 30x optical zoom
- 316L stainless steel housing
- Starlight technology
- H.265/H.264 triple-stream encoding
- Max. 50/60 fps@1080p
- IR distance up to 100 m
- IP68

2 MP/4 MP Covert Pinhole WizMind Camera KIT

IPC-HUM8241-E1-L1
IPC-HUM8441-E1-L1



- Starlight 2 MP 1/2.8" / 4 MP 1/2.7" CMOS image sensor
- Outputs max. 2 MP (1920 × 1080)@25 fps / 4 MP (2688 × 1520)@25 fps
- H.265 codec, high compression ratio, and ultra-low bit rate
- ROI, SMART H.264+/H.265+, flexible coding, suitable for various bandwidth and storage environments
- Rotation mode, WDR, 3D NR, HLC, BLC, digital watermarking, suitable for various surveillance applications
- Intelligent detection: Intrusion, tripwire, fast moving (the three functions supports the classification and accurate detection of vehicles and humans); abandoned object, missing object, loitering detection, people gathering, and face detection
- Abnormality detection: Motion detection, privacy masking, scene changing, audio detection, no SD card, SD card space warning, SD card error, network disconnection, IP conflict, illegal access, and voltage detection
- Alarm: 2 in, 2 out; audio: 1 in, 1 out; RS-232; max. 256 GB micro SD card
- 12 VDC/PoE power supply facilitates installation
- Power on after connecting the lens to the back-end device; otherwise the device might be damaged

2 MP/4 MP Covert Pinhole WizMind Camera KIT

IPC-HUM8241-E1-L3
IPC-HUM8441-E1-L3



- Starlight 2 MP 1/2.8" / 4 MP 1/2.7" CMOS image sensor
- Outputs max. 2 MP (1920 × 1080)@25 fps / 4 MP (2688 × 1520)@25 fps
- H.265 codec, high compression ratio, and ultra-low bit rate
- ROI, SMART H.264+/H.265+, flexible coding, suitable for various bandwidth and storage environments
- Rotation mode, WDR, 3D NR, HLC, BLC, digital watermarking, suitable for various surveillance applications
- Intelligent detection: Intrusion, tripwire, fast moving (the three functions supports the classification and accurate detection of vehicles and humans); abandoned object, missing object, loitering detection, people gathering, and face detection
- Abnormality detection: Motion detection, privacy masking, scene changing, audio detection, no SD card, SD card space warning, SD card error, network disconnection, IP conflict, illegal access, and voltage detection
- Alarm: 2 in, 2 out; audio: 1 in, 1 out; RS-232; max. 256 GB micro SD card
- 12 VDC/PoE power supply facilitates installation
- Power on after connecting the lens to the back-end device; otherwise the device might be damaged

2 MP/4 MP Covert Pinhole WizMind Camera KIT

IPC-HUM8241-E1-L4
IPC-HUM8441-E1-L4



- Starlight 2 MP 1/2.8" / 4 MP 1/2.7" CMOS image sensor
- Outputs max. 2 MP (1920 × 1080)@25 fps / 4 MP (2688 × 1520)@25 fps
- H.265 codec, high compression ratio, and ultra-low bit rate
- ROI, SMART H.264 +/H.265+, flexible coding, suitable for various bandwidth and storage environments
- Rotation mode, WDR, 3D NR, HLC, BLC, digital watermarking, suitable for various surveillance applications
- Intelligent detection: Intrusion, tripwire, fast moving (the three functions supports the classification and accurate detection of vehicles and humans); abandoned object, missing object, loitering detection, people gathering, and face detection
- Abnormality detection: Motion detection, privacy masking, scene changing, audio detection, no SD card, SD card space warning, SD card error, network disconnection, IP conflict, illegal access, and voltage detection
- Alarm: 2 in, 2 out; audio: 1 in, 1 out; RS-232; max. 256 GB micro SD card
- 12 VDC/PoE power supply facilitates installation
- Power on after connecting the lens to the back-end device; otherwise the device might be damaged

2 MP/4 MP Covert Pinhole WizMind Camera KIT

IPC-HUM8241-E1-L5
IPC-HUM8441-E1-L5



- Starlight 2 MP 1/2.8" / 4 MP 1/2.7" CMOS image sensor
- Outputs max. 2 MP (1920 × 1080)@25 fps / 4 MP (2688 × 1520)@25 fps
- H.265 codec, high compression ratio, and ultra-low bit rate
- ROI, SMART H.264+/H.265+, flexible coding, suitable for various bandwidth and storage environments
- Rotation mode, WDR, 3D NR, HLC, BLC, digital watermarking, suitable for various surveillance applications
- Intelligent detection: Intrusion, tripwire, fast moving (the three functions supports the classification and accurate detection of vehicles and humans); abandoned object, missing object, loitering detection, people gathering, and face detection
- Abnormality detection: Motion detection, privacy masking, scene changing, audio detection, no SD card, SD card space warning, SD card error, network disconnection, IP conflict, illegal access, and voltage detection
- Alarm: 2 in, 2 out; audio: 1 in, 1 out; RS-232; max. 256 GB micro SD card
- 12 VDC/PoE power supply facilitates installation
- Power on after connecting the lens to the back-end device; otherwise the device might be damaged

2nd Generation All-In-One Solar System

Solar Panel: PFM378-B100-WB

Lithium Battery: PFM372-L45-4S14P

4G Camera: DHI-IPC-HFW3441DG-AS-4G-EAU-B



Solar

- 100 W Monocrystalline silicon solar module
- 52 mm x 156 mm/36 pcs

MPPT Solar Controller

- High efficiency charging, RS485
- Max. charging/discharging 10 A Lithium

Iron Phosphate Battery

- 12.8 V DC, 45 Ah
- Max. charging 14.6 VDC /10

4G camera

4G_LTE: B1/B3/B5/B7/B8/B20/B28/B38/B40/B41

Integrated Solar Monitoring System (Without Lithium Battery)

Solar Panel : DH-PFM378-B125-CB

Lithium Battery : PFM372-L45-4S14P

4G PTZ : DH-SD6C3432GB-HNR-AGQ-PV1-EAU



- Solar power system
- Integrated design, easy to install
- Pole mount
- Angle flexible adjustment of solar panel and camera mount
- 125 W monocrystalline solar panel
- Aluminium alloy frame
- Built sturdy to resist storms with sustained winds up to 117 km/h
- Remote monitoring available through the mobile app
- Maximum Power Point Tracking (MPPT) charging controller
- RS-485 communication function
- Electric protection
- 4G Network PTZ camera
- 1/2.8" 4 megapixel STARVIS™ CMOS
- 32x optical zoom
- Starlight technology
- Max. 25/30 fps@1080p
- IR distance up to 150 m
- Auto-tracking
- Perimeter protection
- Face detection
- 4G
- Sound and light alarm
- Low power consumption

4 MP Anti-oil IR Fixed Focal Bullet WizSense Network Camera

IPC-HFW3441M-ASSFC-12



- 4 MP, 1/3" CMOS image sensor, low illuminance, high image definition
- Outputs max. 4 MP (2688 x 1520)@30 fps
- H.265 codec, high compression rate, low bit rate
- Built-in IR LED, max. IR distance: 50 m
- ROI, SMART H.264+/H.265+, flexible coding, suitable for various bandwidth and storage environments
- Rotation mode, WDR,3D DNR, HLC, BLC, digital watermarking, suitable for various surveillance applications
- Intelligent detection: Intrusion, tripwire (supports the classification and accurate detection of vehicles and humans)
- Abnormality detection: Motion detection, video tampering, scene changing, audio detection, no SD card, SD card full, SD card error, network disconnection, IP conflict, illegal access, voltage detection
- Alarm: 2 in, 2 out; Audio: in, out; supports max. 256 GB micro SD card
- 12 VDC/PoE power supply, 12 V power output, max. current 165 mA
- IP67 protection
- SMD Plus
- With anti-oil feature on front glass, it supports quick detachment for washing

Dahua Access ANPR Camera

ITC413-PW4D Series



- High-performance CMOS image sensor and processor that supports continuous 24/7 metadata extraction
- Adopts intelligent deep learning algorithms and supports recognition of unlicensed vehicles and the type, brand and colour of vehicles
- Built-in signal port, data port, communication port and remote controllers assist in controlling external devices such as entry and exit barriers
- Built-in LED for simplified installation and commissioning
- All-in-one body with junction box and bracket, and it is also low power consumption
- IP67 and IK10 rated
- Supports intrusion and loitering detection and triggers light and voice alarms when perimeter events occur to actively deter targets. Custom audios can also be imported and edited
- Easily adjust viewing angle using the motorised varifocal lens

4 MP IR Fixed-focal Bullet WizSense 4G Network Camera

IPC-HFW3441DG-AS-4G- EAU-B



- 4 MP 1/3" CMOS image sensor, low luminance, and high definition image
- Outputs max. 4 MP (2688 × 1520) @25/30 fps
- H.265 codec, high compression rate, ultra-low bit rate
- Built-in warm light/IR LED
- Sound and light alarm linkage. When the alarm is triggered, the sound and light will be linked
- Built in high-performance 4G Module that suits all mobile networks. Installation is no longer limited to wired networks. Please test the local 4G network with the camera before use
- Built-in PIR sensor that detects human body through passive infrared
- Built-in 8 GB eMMC memory chip that protects key records from being lost
- Abnormality detection: Motion detection, video tampering, audio detection, SD card full, SD card error, network disconnection, IP conflict and illegal access
- Alarm: 1 in, 1 out; Audio: 1 in, 1 out; RS485: 1 (only report the information of solar battery, such as power and battery level), supports max. 256 GB micro SD card; built in microphone and speaker; supports two-way talk
- IP67 protection

4 MP Fixed-focal Floodlight Network Camera

IPC-WL46A



- 4 MP 1/3" CMOS image sensor, low luminance, and high definition images
- Outputs max. 4 MP (2560 × 1440)@25 fps/30 fps
- H.265 codec, high compression rate, ultra-low bit rate
- SMART H.264+/H.265+, flexible coding, suitable for various bandwidth and storage environments
- Built-in microphone and speaker for real-time communication.
- Active alarm with built-in 110 dB Siren
- The built-in dual floodlights can switch between warm and cool colour temperature and have 4 floodlights modes
- Detects humans, vehicles and animals to reduce the occurrence of false alarms.
- SMART H.264+/H.265+, flexible coding, suitable for various bandwidth and storage environments
- Dual-band 2.4 GHz and 5 GHz Wi-Fi options, IEEE802.11a/b/g/n/ac
- Supports max. 256 GB micro SD card and NVR storage
- 100-240 VAC power supply, easy for installation
- IP65 Protection



EXPANDED VIEWS, CAPTURED DETAILS

Dahua X-Spans Series



Panoramic Image &
Detail In One View



2 Intelligent Modes



Cost Reduction



Vertically Adjustable
Panorama

I What is Dahua X-Spans?

The X-Spans series expands the camera view by expanding one or more lenses based on the traditional PTZ camera, providing a panoramic picture and detail in one camera.



2 Solved Problems:

- The traditional PTZ camera loses the original monitoring screen after tracking an object.
- The bullet camera only sees the overall scene, but cannot view specific details.

I Product Overview

According to the installation height of products, the panoramic channel can cover large-sized, middle-sized and small-sized scenes, providing user with more choices.



Key Features

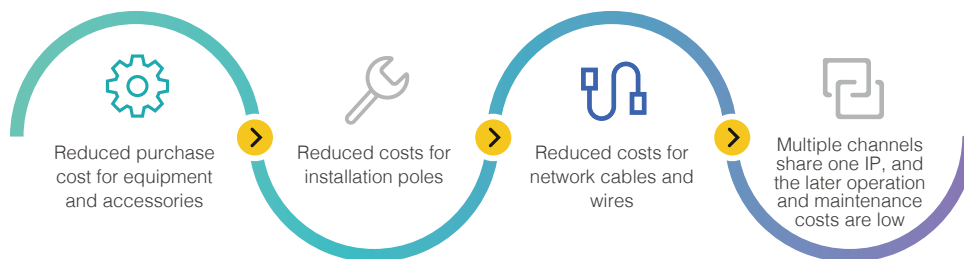
Panoramic Image & Detail In One View

X-Spans' Panoramic channel presents up to 180° ultra-wide view. It allows security teams to continue monitoring large areas with no interruptions, while PTZ cameras simultaneously zoom, tilt, or pan to monitor specific security events that occur.



Cost Reduction

X-Spans series products generally consist of one or two bullet cameras and one PTZ camera. It effectively reduces both purchase and installation costs of the security system.



2 Intelligent Modes

X-Spans Series supports linkage mode and independent mode.

LINKAGE MODE

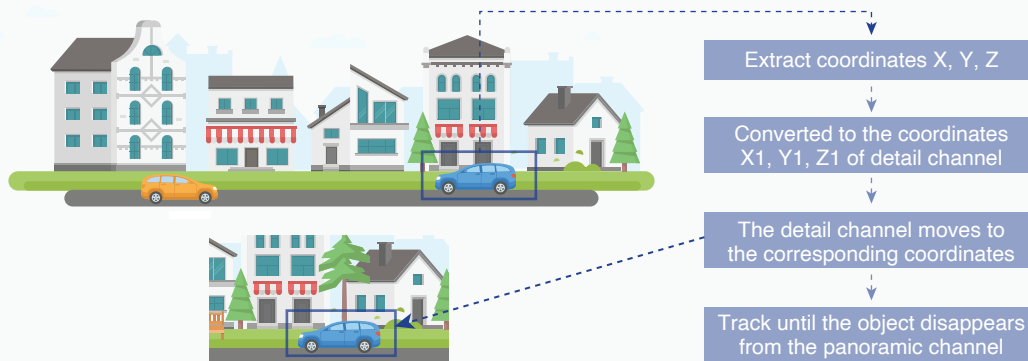
The panoramic channel and detail channel can be linked to achieve smart tracking. When a human/vehicle triggered the IVS rule of the panoramic channel, the detail channel will proceed to track the detected object.

Linkage Tracking

The camera extracts the coordinates of the object in the panoramic channel and converts it to the corresponding detail channel coordinates. The detail channel moves to the position according to the coordinates until the target disappears from the panoramic channel.

Advantages:

It offers high tracking accuracy. The object can still be tracked even if it is partially occluded.



Relay Tracking

To achieve long-distance tracking, Dahua launched the relay tracking algorithm that integrates linkage tracking and auto tracking. When the object is in the panoramic channel, the smart tracking algorithm is used to track the object. When the object leaves the panoramic channel, the detail channel uses its own Auto Tracking 3.0 algorithm to track the object.

Advantages:

The tracking distance is long. The object can still be tracked continuously after walking out of the panoramic view.



INDEPENDENT MODE

The camera can be used as two independent cameras. The two channels can use different AI functions and the functions can be set by schedule.



Smart Dual Light
Perimeter Protection



Active Deterrence
Auto Tracking 3.0
Perimeter Protection



Adjustable Panoramic Channel

If the panoramic camera is not adjustable, its monitoring angle is very limited. Dahua X-Spans series has different adjustment methods according to product positioning.

SDT5X Series

Dual PTZ



Panoramic Channel

Pan: 0°–360° endless; Tilt: 0°–30°

Detail Channel

Pan: 0°–305°; Tilt: -10°–180°

(angle between two cameras: -125° to +180°)

SDT8C Series

Digital Tilt Panorama



Panoramic Channel

Tilt: 5°–17°

Detail Channel

Pan: 0° to 360° endless

Tilt: -30° to +90°; Auto Flip: 180°

SDT6C Series

Fixed Panorama



Panoramic Channel

Fixed 10°

Detail Channel

Pan: 0°–360° endless;

Tilt: -20° to +90°; Auto Flip: 180°

SDT4E Series

Manual Tilt Panorama



Panoramic Channel

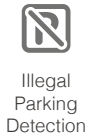
Tilt: 13°–23°

Detail Channel

Pan: 0°–360° endless;

Tilt: -20° to +90°; Auto Flip: 180°

Product Overview



SDT5X Series

For Illegal Parking Detection

- Panorama: 2688 (H) × 1520 (V), Detail: 2688 (H) × 1520 (V)
- Supports displaying of panoramic and detail views simultaneously
- Supports Illegal Parking Detection
- Built-in speaker to drive away illegally parked vehicles (-PV model only)
- Supports PFA Technology, IR 100m and IP67



SDT8C Series

For Large Scene

- Panorama: 5376 (H) × 1520 (V), Detail: 3840 (H) × 2160 (V)
- Installation height: 8m
- Supports displaying of panoramic and detail views simultaneously
- Supports Face Recognition, Video Metadata, Smart Tracking and Perimeter Protection
- Supports **starlight** + technology, IR distance up to 300m



SDT6C Series

For Middle Scene

- Panorama: 3840 (H) × 1080 (V) Detail: 2560 (H) × 1440 (V)
- Installation height: 4~6m
- 25x / 32x Optical zoom
- Perimeter Protection, Face Detection, Smart Tracking, Auto Tracking
- Sound and light alarm
- 200m IR distance and IP66



SDT4E Series

Smart Dual Light Bullet + TiOC PTZ

- Panorama: 2560 (H) × 1440 (V) Detail: 2560 (H) × 1440 (V)
- Installation height: 4~6m
- 25x Optical Zoom
- Perimeter Protection, Smart Tracking, Auto Tracking 3.0
- Smart Dual Light panoramic channel
- TiOC detail channel
- 100m IR distance and IP66

4 MP 5x TiOC WizSense Network PTZ Camera

SD3E405DB-GNY-A-PV1



- 1/2.8" 4 megapixel CMOS
- 5x optical zoom
- Max. 25/30 fps@4 MP
- IR distance up to 50 m
- Warm light illumination distance up to 30 m.
- SMD 3.0
- Perimeter protection
- Face detection
- Alarm: 1 in, 1 out; audio: 1 in, 1 out
- Built-in microphone and speaker for two-way talk
- 12 VDC/PoE power supply
- IP66
- Sound and light alarm (red and blue lights).



4 MP 25x Starlight IR WizSense Network PTZ Camera

SD4A425DB-HNY



- 1/2.8" 4 megapixel STARVIS™ CMOS
- 25x optical zoom
- Starlight technology
- Max. 25/30 fps@4 MP
- IR distance up to 100 m
- Auto-tracking.
- Perimeter protection
- Face detection
- SMD 3.0
- IP66



4 MP 25x Starlight IR WizSense Network PTZ Camera

SD4E425GB-HNR-A-PV1



- 1/2.8" 4 megapixel STARVIS™ CMOS
- 25x optical zoom
- Starlight technology
- Max. 25/30 fps@4 MP
- IR distance up to 100 m
- Auto-tracking 3.0
- Perimeter protection
- Face detection
- SMD 4.0
- IP66
- Full-colour illuminator; red and blue warning light



4/8 MP 25x Starlight IR Network PTZ Camera

SD49425GB-HNR
SD49825GB-HNR



- 1/2.8" 8 megapixel STARVIS™ CMOS
- 25x optical zoom
- Starlight technology
- Max. 25/30 fps@8 MP
- IR distance up to 100 m
- Perimeter protection
- Face detection
- Quick Pick
- SMD 4.0
- IP66



Starlight IR Network PTZ Camera

SD5AXXXGB-HNR Series



- 1/2.8" 2 megapixel STARVIS™ CMOS
- 45x optical zoom
- Starlight technology
- Max. 25/30 fps@1080p
- IR distance up to 150 m
- Auto-tracking 3.0
- Perimeter protection
- Face detection
- SMD 4.0
- Quick Pick
- IP67, IK10



2/4 MP 32x In-ceiling WizSense Network PTZ Camera

SD52C232GB-HNR
SD52C432GB-HN



- 1/2.8" 2/4 megapixel STARVIS™ CMOS
- 32x optical zoom
- Starlight technology
- Max. 25/30 fps@4 MP
- Auto-tracking
- Perimeter protection
- Face detection
- SMD 4.0
- IK10



Starlight IR WizSense Network PTZ Camera

SD6CEXXGB-HNR Series



- 1/2.8" 4 megapixel STARVIS™ CMOS
- 32x optical zoom
- Starlight technology
- Max. 25/30 fps@4 MP
- IR distance up to 250 m
- Auto Tracking 3.0
- Perimeter protection
- Face detection
- SMD 4.0
- Quick Pick
- IP67, IK10



4 MP 25x Starlight TiOC Network PTZ Camera

SD6C3425GB-HNR-A-PV1



- 1/2.8" 4 megapixel STARVIS™ CMOS
- 25x optical zoom
- Starlight technology
- Max. 25/30 fps@4 MP
- IR distance up to 150 m
- Perimeter protection
- Face detection
- Full-colour illuminator; red and blue warning light
- Auto tracking 3.0
- Quick Pick



4 MP Starlight IR WizMind Network Dual-PTZ Camera

SDT5X425 Series



- Dual PTZ system, dual varifocal lens
- 1/1.8" 4 megapixel CMOS
- Powerful 25x optical zoom
- Starlight technology
- Max. 25/30 fps@4 MP
- Deep-learning-based auto tracking and perimeter protection
- Supports Hi-PoE
- H.265 encoding
- IP67



4 MP 25x Ordinary IR NETWORK PTZ CAMERA

SDT5X425-4Z4- FAJG-PV-0832



- Dual PTZ system, dual varifocal lens
- 1/1.8" 4 megapixel CMOS
- Powerful 25x optical zoom
- Starlight technology
- Max. 25/30 fps@4 MP
- H.265 encoding
- IP67
- Illegal parking detection and checkpoint capture



4/8 MP 40x Starlight IR WizMind Network PTZ Camera for Traffic

SD8A440FA-HNT

SD8A840FA-HNT



- 1/1.8" 4/8 megapixel STARVIS™ CMOS
- Powerful 40x optical zoom
- Starlight technology
- Max. 25/30 fps@8 MP
- H.265 encoding
- Illegal parking detection
- ANPR
- IP67



COLORFUL VIEW EVER, DARK WORLD NEVER



Full-Color

- 24/7 color monitoring captures vivid colors and clear human/vehicle evidence.
- 3DNR and F1.0 lens guarantees brightness and clarity at night.
- Super Adapt and 130dB WDR optimizes image quality in various scenarios.
- Rich and eye-catching color packaging delivers clear and vivid imagery.
- Wide range of cameras including; 2MP/5MP/4K resolution, fixed/motorized lens models.



5 MP Full-colour Starlight HDCVI Eyeball Camera

HAC-HDW1509TP-A-LED



- Max 25 fps@5 MP (16:9 video output)
- 120 dB true WDR, 3D NR
- 24/7 colour imaging
- 40 m illumination distance
- CVI/CVBS/AHD/TVI switchable
- Built-in microphone (-A)
- 3.6 mm fixed lens (2.8 mm optional)
- IP67, 12 VDC

2 MP/5 MP Starlight HDCVI IR Eyeball Camera

HAC-HDW2241TP-Z-A-DP
HAC-HDW2501TP-Z-A-DP



- Starlight, 120 dB True WDR, 3D NR
- Max. 2 MP: 30 fps@1080p, 5 MP: 25 fps@5 MP (16:9 video output)
- HD/SD output switchable
- 2.7-13.5 mm motorised lens
- Max. IR illumination distance 60 m, Smart IR
- IP67, POC/DC 12 V ±30%



5 MP Starlight HDCVI Quick-to-install IR Eyeball Camera

HAC-HDW1500TMQP-A



* The parameters and datasheets below apply only to 1500-S2 series.

- Max 25 fps@5 MP (16:9 video output)
- CVI/CVBS/AHD/TVI switchable
- Quick-to-install eyeball saves installation time
- 3.6 mm fixed lens (2.8 mm, 6 mm optional)
- Built-in microphone (-A)
- Max. IR illumination distance 60 m, Smart IR
- IP67, 12 VDC

2 MP/ 5 MP Starlight HDCVI Fixed IR Eyeball Camera

HAC-HDW2241TMQP-A
HAC-HDW2501TMQP-A



- Max 2 MP: 30 fps@1080p 5 MP: 25 fps@5 MP (16:9 video output)
- Starlight, 120 dB true WDR, 3D NR
- CVI/CVBS/AHD/TVI switchable
- Quick-to-install eyeball saves installation time
- 3.6 mm fixed lens (2.8 mm, 6 mm optional)
- Built-in microphone
- Max. IR illumination distance 60 m, Smart IR
- IP67, DC 12 V ±30%



5 MP Starlight HDCVI Vari-focal IR Eyeball Camera

HAC-HDW1500TP-Z-A-DP



- Max 25 fps@5 MP (16:9 video output)
- CVI/CVBS/AHD/TVI switchable
- 2.7-12 mm motorised lens
- Built-in microphone
- Max. IR illumination distance 60 m, Smart IR
- IP67, AC 24 V/DC 12 V

2 MP/5 MP Starlight HDCVI Fixed IR Dome Camera

HAC-HDBW2241EP

HAC-HDBW2501EP



- Starlight, 120 dB true WDR, 3D NR
- Max. 2 MP: 30 fps@1080p 5 MP: 25 fps@5 MP (16:9 video output)
- HD/SD output switchable
- Audio in interface
- 3.6mm fixed lens (2.8 mm, 6 mm optional)
- Max. IR illumination distance 60 m, Smart IR
- IP67, IK10, DC 12 V \pm 30%

2 MP Starlight HDCVI IR Dome Camera

HAC-HDBW2241RP-Z-DP

HAC-HDBW2501RP-Z-DP



- Starlight, 120 dB true WDR, 3DNR
- Max. 2 MP: 30 fps@1080p, 5 MP: 25 fps@5 MP (16:9 video output)
- HD/SD output switchable
- Audio in interface
- 2.7-13.5 mm motorised lens
- Max. IR illumination distance 30 m, Smart IR
- IP67, IK10, AC 24 V/DC 12 V

5 MP Starlight HDCVI IR Dome Camera

HAC-HDBW1500EP



* The parameters and datasheets below apply only to 1500-S2 series.

- Max 25 fps@5 MP (16:9 video output)
- 0/I/OIBS/AHD/TVI switchable
- 3.6 mm fixed lens (2.8 mm optional)
- Max. IR illumination distance 30 m, Smart IR
- IP67, IK10, 12 VDC

5 MP Starlight HDCVI IR Bullet Camera

HAC-HFW1500CMP-A



* The parameters and datasheets below apply only to 1500-S2 series
 * In order to use the 5 MP 16:9 HDCVI camera, the firmware of XVR must be upgraded to V4.001.0000001.0.R.200908 or later version.

- Max 25 fps@5 MP (16:9 video output)
- CVI/CVBS/AHD/TVI switchable
- 3.6 mm fixed lens (2.8 mm optional)
- Max. IR illumination distance 30 m, Smart IR
- Built-in microphone (-A)
- IP67, DC 12 V

2 MP/5 MP Starlight HDCVI IR Bullet Camera

HAC-HFW2241-TUP-Z-A-DP

HAC-HFW2501-TUP-Z-A-DP



- Max. 2 MP: 30 fps@1080p, 5 MP: 25 fps@5 MP (16:9 video output)
- Starlight, 120 dB true WDR, 3D NR
- CVI/CVBS/AHD/TVI switchable
- Built-in microphone
- 2.7 mm-13.5 mm motorised lens
- Max. IR illumination distance 80 m, Smart IR
- IP67, 24 VAC/12 VDC

2 MP/5 MP Starlight HDCVI IR Bullet Camera

HAC-HFW2241CMP-A
HAC-HFW2501CMP-A



- Max. 2 MP: 30 fps@1080p 5 MP: 25 fps@5 MP (16:9 video output)
- Starlight, 120 dB true WDR, 3D NR
- CVI/CVBS/AHD/TVI switchable
- 3.6 mm fixed lens (2.8 mm optional)
- Built-in microphone
- Max. IR illumination distance 30 m, Smart IR
- IP67, DC 12 V \pm 30%



4 MP/5 MP Full-colour Starlight HDCVI Bullet Camera

HAC-HFW1509TP-A-LED



- Full-colour starlight
- 20 m LED illumination distance
- Max. 25 fps@5 MP
- O/I/OIBS/AHD/TVI switchable
- Built-in microphone (-A)
- 3.6 mm fixed lens
- IP67, 12 V \pm 30% DC



4/8 Channels Compact 1U 4/8PoE 1HDD WizSense Network Video Recorder

NVR4104HS-P-AI/ANZ NVR4108HS-8P-AI/ANZ



- Smart H.265+/H.265/Smart H.264+/H.264/MJPEG decoding format
- Access, storage or forwarding at 80 Mbps
- Max. decoding capability: 16 × 1080p@30 fps. Supports adaptive decoding
- AI by NVR: 1-channel face detection and recognition; 2-channel perimeter protection; up to 10 face databases and 20,000 face images; 4-channel SMD Plus
- AI by Camera: Face detection and recognition, perimeter protection, SMD Plus, ANPR, people counting, stereo analysis, and heat map
- Connected to the third-party network cameras
- Security baseline 2.3



8/16 Channels 1U 8/16PoE 2HDDs WizSense Network Video Recorder

NVR4208-8P-AI/ANZ NVR4216-16P-AI/ANZ



- Smart H.265+/H.265/Smart H.264+/H.264/MJPEG decoding format
- Access, storage or forwarding at 256 Mbps (180 Mbps when AI function enabled)
- Max. decoding capability: 16 × 1080p@30 fps. Supports adaptive decoding
- AI by NVR: 1-channel face detection and recognition, 2-channel perimeter protection, up to 10 face databases and 20,000 face images, 4-channel SMD Plus
- AI by Camera: Face detection and recognition, perimeter protection, SMD Plus, ANPR, people counting, stereo analysis, and heat map
- Connects to third-party network cameras
- Security baseline 2.3



Powered by AI



JUST ONE PICK

In 2023, Dahua released the industry-leading search technology AcuPick. Following the innovative concept of in-depth integration, Dahua effectively utilizes both front-end and back-end intelligence to help users locate targets more conveniently, more quickly, and more accurately in massive video data.



Quicker Search



Easier Operation



High Accuracy



Reduced TCO

Overview – AcuPick

Dahua effectively utilizes both front-end and back-end intelligence to realize AcuPick. AcuPick technology is a true video search engine that can quickly locate the information you need. Use it to find a lost individual, locate a specific vehicle, or pinpoint evidence of a suspect who's damaged another's property.



Quicker Search

AcuPick can quickly locate video clips of human/vehicle targets, saving up to 99% searching time.

Easier Operation

Compared with traditional searching mode, AcuPick only needs 1 pick to extract targets, saving lots of complex operation.

High Accuracy

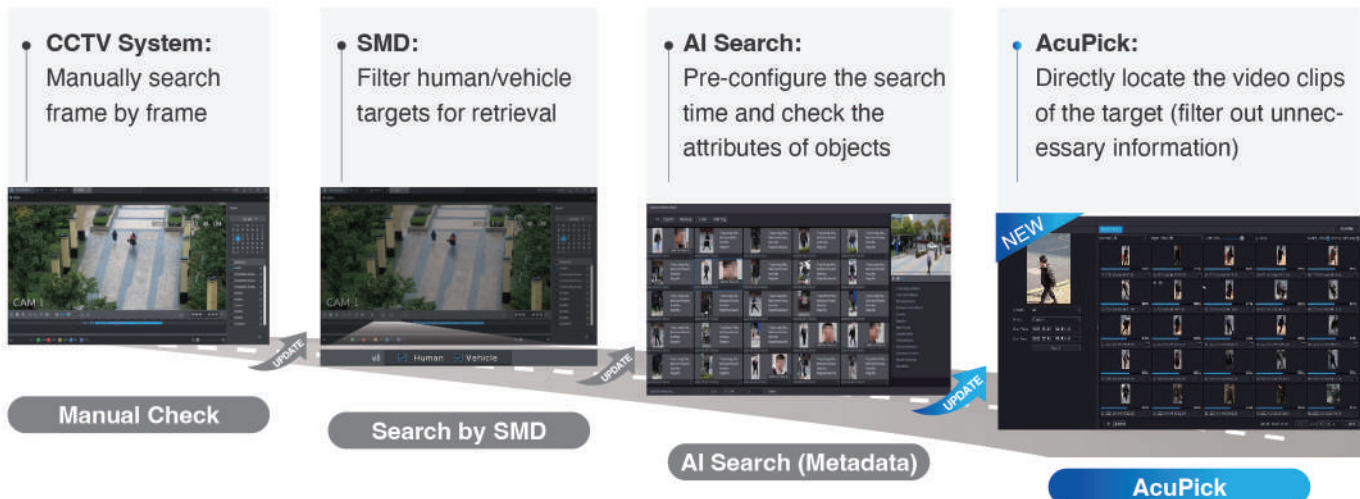
AcuPick provides users with high accuracy through its comprehensive eigenvalues for human and vehicle targets.

Reduced TCO

With lower operation costs and no expensive computing server needed, the total cost of ownership is significantly reduced.

Quicker Search

Directly locate the target: Users can quickly and easily filter out vast amounts of useless information and locate the relevant video clips of their target.



Smart search by intrusion: Users can draw an intrusion rule to search for video clips during SMD playback, helping them to quickly and easily identify the target that entered the area.

User can only select human/vehicle



AcuPick allows searching for humans/vehicles that have entered the rule area while performing a historical video search of the target

Easier Operation

Just one pick: AcuPick is super easy to use. Users can search in preview or playback with just one pick! With just one click, users can freeze the video and frame the target.

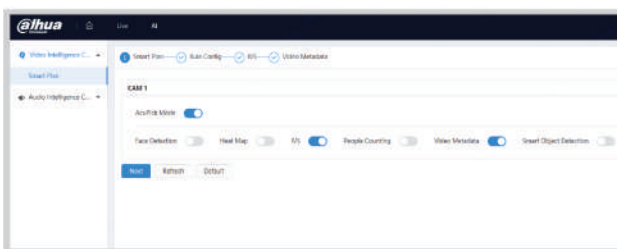


1 Click Freeze & Frame

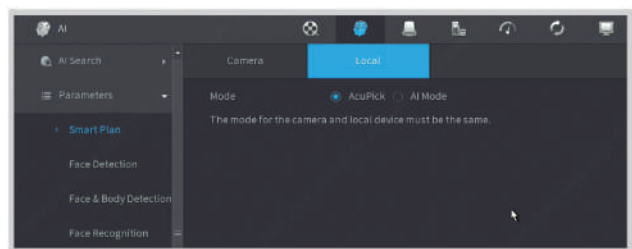


1 Click Pick Up

Enabled by default: In IPC WizMind S & NVR5-EI, AcuPick is enabled by default. Utilizing AI computing power, it can quickly and accurately extract attribute information of targets. Additionally, Perimeter Protection can be turned on simultaneously on the IPC side.

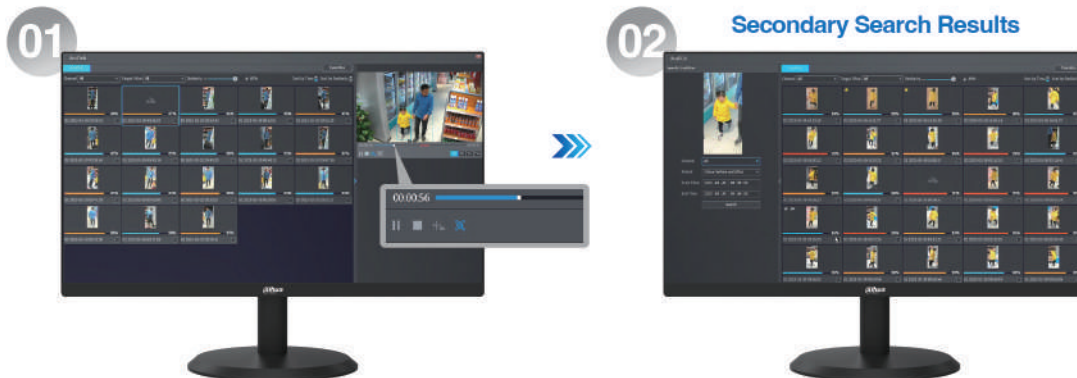


IVS and Video Metadata can be enabled at the same time on IPC



AcuPick/AI mode options on NVR (AcuPick is enabled by default)

Smart secondary search: AcuPick can perform a second accurate search based on the search results. Click the freeze option in the search and playback interface to freeze a frame. The system will automatically extract the detected target. Click the detected image to complete the second search.



AcuPick supports managing search results classified according to time or similarity. It supports useful features such as favorite videos, hide uninteresting videos, and export videos that need to be used.

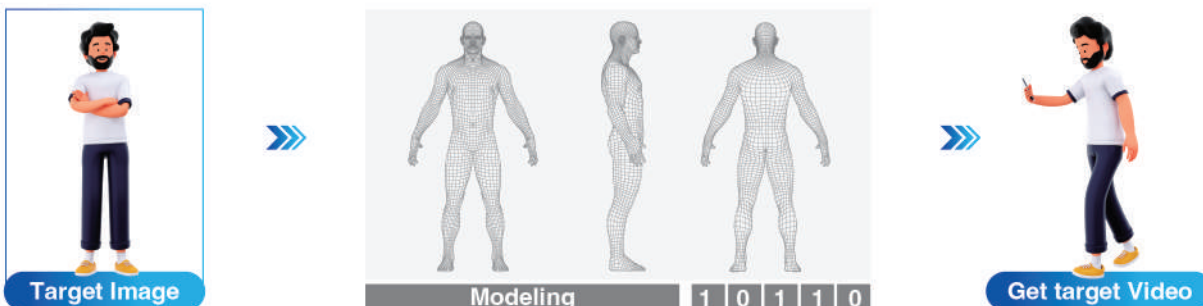
Build a comprehensive set of video evidence from multiple video sources in order to create a powerful narrative of events.



Users can find all their favorite videos in the 'favorites' bar, which can be exported to MP4/DAV format.

High Accuracy

- IPC/NVR extracts and models the target's appearance details through an algorithm, mainly focusing on the appearance characteristics of the human body, such as clothing color, clothing style, gender, body shape, and other relevant information.
- It aims to determine whether the person/vehicle of interest appeared elsewhere at a distinct time captured by a different camera or the same camera at a different moment in time.



Reduced TCO

Lower Purchase Price (no server needed)

The IPC and NVR can effectively process data with intelligent computing power. They are suitable for small and medium-sized campus scenarios with fewer than 32 channels, without the need for a server.



Lower Operation Cost

AcuPick improves retrieval efficiency by providing easier operations, faster search functions, and higher accuracy. Furthermore, it is useful for various precise retrieval scenarios, reducing manpower and operational maintenance costs.



Typical Scenarios

Shopping Mall

A mall has a large flow of people. Children can easily get lost or separated from their parents. When a child is missing, searching for them may require a lot of manpower and material resources. AcuPick's secondary search function allows you to locate relevant video information to immediately locate the lost child.



Parking Lot

Parking lots are not 100% safe. In case of a hit-and-run or vandalism, it is often difficult for the authorities to track down the culprit. The Smart Search by Intrusion, a feature of AcuPick, allows you to quickly identify and locate videos of targets that can be used as evidence.



Enterprise Park

An enterprise building is a relatively open environment, which poses risks of property loss to its employees if not monitored properly. To monitor the people entering and leaving the premises, AcuPick can traceback past movements of suspicious individuals in order to track down any illegal activities within the enterprise park and its surrounding areas.



16 Channels 1U 16PoE 2HDD WizSense Network Video Recorder

NVR5216-16P-AI/ANZ



- Smart H.265+/H.265/Smart H.264+/H.264/MJPEG decoding format
- 32-channel 1080p self-adaptive decoding capability
- Max. 384 Mbps incoming/recording/outgoing bandwidth
- AI by recorder: 2-channel face detection and recognition, 4-channel perimeter protection, and 8-channel SMD Plus
- AI by camera: Face detection and recognition, perimeter protection, SMD Plus, metadata, ANPR, and people counting
- Security baseline 2.3



16/32/64 Channels 1.5U 4HDD WizSense Network Video Recorder

NVR5416-16P-AI/ANZ

NVR5432-AI/ANZ

NVR5432-16P-AI/ANZ

NVR5464-AI/ANZ



- Smart H.265+/H.265/Smart H.264+/H.264/MJPEG decoding format
- 32-channel 1080p self-adaptive decoding capability
- Max. 384 Mbps incoming/recording/outgoing bandwidth
- AI by recorder: 2-channel face detection and recognition, 4-channel perimeter protection, and 8-channel SMD Plus
- AI by camera: Face detection and recognition, perimeter protection, SMD Plus, metadata, ANPR, stereo analysis, heat map, and people counting
- Security baseline 2.3



32/64 Channels 2U 8HDD WizSense Network Video Recorder

NVR5832-AI/ANZ
NVR5832-16P-AI/ANZ
NVR5864-AI/ANZ



- Smart H.265+/H.265/Smart H.264+/H.264/MJPEG decoding format
- 32-channel 1080p self-adaptive decoding capability
- Max. 384 Mbps incoming/recording/outgoing bandwidth
- Supports RAID 0/1/5/6/10
- AI by recorder: 2-channel face detection and recognition, 4-channel perimeter protection, and 8-channel SMD Plus
- AI by camera: Face detection and recognition, perimeter protection, SMD Plus, metadata, ANPR, stereo analysis, heat map, and people counting
- Security baseline 2.3



32/64/128 Channels 2U 8HDDs WizMind Network Video Recorder

NVR608H-32-AI/ANZ
NVR608H-64-AI/ANZ
NVR608H-128-AI/ANZ
NVR608RH-32-AI/ANZ
NVR608RH-64-AI/ANZ
NVR608RH-128-AI/ANZ



- 32-channel 1080p self-adaptive decoding capability
- Max. 1024/1024/800 Mbps incoming/recording/outgoing bandwidth
- Supports N+M cluster
- Supports RAID 0/1/5/6/10
- Drawer-like chassis design allows for HDD hot swapping
- AI by recorder: 4-channel face detection and recognition; 8-channel metadata; 24-channel perimeter protection; 32-channel SMD Plus
- AI by camera: Face detection and recognition, perimeter protection, SMD Plus, metadata, ANPR, and people counting



128CH 3U 16HDDs WizMind Network Video Recorder

NVR616H-64-AI/ANZ
NVR616RH-64-AI/ANZ
NVR616DRH-64-AI/ANZ
NVR616H-128-AI/ANZ
NVR616RH-128-AI/ANZ
NVR616DRH-128-AI/ANZ



- Supports Smart H.265+, H.265, Smart H.264+, H.264 and MJPEG decoding formats. Max. decoding capability: 32 × 1080p@30 fps
- Max. 1280/1280/1024 Mbps incoming/recording/outgoing bandwidth
- Supports AcuPick with up to 64 channels
- AI by Recorder supports 8-channel face detection and recognition, up to 40 face databases and 300,000 face images; 8-channel metadata; 32-channel perimeter protection; 32-channel SMD Plus
- AI by Camera supports face detection and recognition, perimeter protection, SMD Plus, metadata, ANPR, stereo analysis, heat map, and people counting
- Supports LCD screen, redundant power, N+M cluster, Raid 0/1/5/6/10, ISCSI,
- Drawer-like chassis design allows for HDD hot swapping
- Supports EPTZ, One-click Arming & Disarming
- Security baseline 2.3





SKYHAWK AI™

Smart. Safe. Secure. SkyHawk™ AI Video Analytics Drive

Best Fit Applications

- Network video recorders (NVR)
- AI-enabled NVR systems

Feature Highlights

- Purpose-built for 24x7 video workloads
- Designed for DVR and NVR AI systems
- ImagePerfect™ firmware ensures zero dropped frames

UP TO 18 TB CAPACITY	SUPPORTS UP TO 64 HD CAMERAS	UP TO 550 TB/YEAR WORKLOAD RATING	SUPPORTS UP TO 32 AI STREAMS
3 YEAR RESCUE DATA RECOVERY SERVICES	5 YEAR LIMITED WARRANTY	INCLUDED  SKYHAWK HEALTH	



R Rescue
DATA RECOVERY
SERVICES

 SEAGATE

4 Channel Penta-brid 5 MP/1080p Compact 1U 1HDD WizSense Digital Video Recorder

XVR5104HS-I3



- H.265+/H.265 dual-stream video compression
- Supports full-channel AI-coding
- Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- Max. 6 channels IP camera inputs, each channel up to 6 MP; max. 32 Mbps incoming bandwidth
- Up to 1 channel video stream (analog channel) perimeter protection
- Up to 4 channels video stream (analog channel) SMD Plus
- Up to 1 channel video stream (analog channel) human face recognition
- IoT & POS functionality

8 Channel Penta-brid 5 MP/1080p Compact 1U 1HDD WizSense Digital Video Recorder

XVR5108HS-I3



- H.265+/H.265 dual-stream video compression
- Supports full-channel AI-coding
- Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- Max. 12 channels IP camera inputs, each channel up to 6 MP; max. 64 Mbps incoming bandwidth
- Up to 1 channel video stream (analog channel) perimeter protection
- Up to 8 channels video stream (analog channel) SMD Plus
- Up to 1 channel video stream (analog channel) human face recognition
- IoT & POS functionality

4 Channel Penta-brid 5 MP Compact 1U 1HDD WizSense Digital Video Recorder

XVR5104HS-4KL-I3



- H.265+/H.265 dual-stream video compression
- Supports full-channel AI-coding
- Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- Max. 8 channels IP camera inputs, each channel up to 8 MP; max. 64 Mbps incoming bandwidth
- Up to 1 channel video stream (analog channel) perimeter protection
- Up to 4 channels video stream (analog channel) SMD Plus
- Up to 1 channel video stream (analog channel) human face recognition
- IoT & POS functionality

8 Channel Penta-brid 4K/5 MP 1U 2HDDs WizSense Digital Video Recorder

XVR5208AN-4KL-I3



- H.265+/H.265 dual-stream video compression
- Supports full-channel AI-coding
- Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- Max. 16 channels IP camera inputs, each channel up to 8 MP; max. 128 Mbps incoming bandwidth
- Up to 2 channels video stream (analog channel) perimeter protection
- Up to 8 channels video stream (analog channel) SMD Plus
- Up to 2 channels video stream (analog channel) human face recognition
- IoT & POS functionality

8 Channel Penta-brid 4K/5 MP Compact 1U 1HDD WizSense Digital Video Recorder

XVR5108HS-4KL-I3



- H.265+/H.265 dual-stream video compression
- Supports full-channel AI-coding
- Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- Max. 16 channels IP camera inputs, each channel up to 8 MP; Max. 128 Mbps incoming bandwidth
- Up to 2 channels video stream (analog channel) perimeter protection
- Up to 8 channels video stream (analog channel) SMD Plus
- Up to 2 channels video stream (analog channel) human face recognition
- IoT & POS functionality

16 Channel Penta-brid 5M-N/1080p Compact 1U 1HDD WizSense Digital Video Recorder

XVR5116HS-I3



WizSense



- H.265+/H.265 dual-stream video compression
- Supports full-channel AI-coding
- Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- Max. 24 channels IP camera inputs, each channel up to 6 MP; max. 128 Mbps incoming bandwidth
- Up to 2 channels video stream (analog channel) perimeter protection
- Up to 16 channels video stream (analog channel) SMD Plus
- Up to 2 channels video stream (analog channel) human face recognition
- IoT & POS functionality

16 Channel Penta-brid 4K-N/5 MP Mini 1U 1HDD WizSense Digital Video Recorder

XVR5116HE-4KL-I3



WizSense



- H.265+/H.265 dual-stream video compression
- Supports full-channel AI-coding
- Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- Max. 32 channels IP camera inputs, each channel up to 8 MP; max. 128 Mbps incoming bandwidth
- Up to 2 channels video stream (analog channel) perimeter protection
- Up to 16 channels video stream (analog channel) SMD Plus
- Up to 2 channels video stream (analog channel) human face recognition
- IoT & POS functionality

16 Channels Penta-brid 4K-N/5 MP 1U 2HDDs WizSense Digital Video Recorder

XVR5216A-4KL-I3



WizSense



- H.265+/H.265 dual-stream video compression
- Supports full-channel AI-coding
- Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- Max. 32 channels IP camera inputs, each channel up to 8 MP; max. 128 Mbps incoming bandwidth
- Up to 2 channels video stream (analog channel) perimeter protection
- Up to 16 channels video stream (analog channel) SMD Plus
- Up to 2 channels video stream (analog channel) human face recognition
- IoT & POS functionality

32 Channels Penta-brid 5M-N/1080p 1U 2HDDs WizSense Digital Video Recorder

XVR5232AN-I3



WizSense



- H.265+/H.265 dual-stream video compression
- Supports 16-channel AI-coding
- Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- Max. 32 channels IP camera inputs, each channel up to 6 MP; max. 128 Mbps incoming bandwidth
- Up to 2 channels video stream (analog channel) perimeter protection
- Up to 16 channels video stream (analog channel) SMD Plus
- Up to 2 channels video stream (analog channel) human face recognition
- IoT & POS functionality

UTP CAT5e Cable

PFM920I-5EUN



- 305 m (1000 ft)/carton UTP CAT5e, power over Ethernet, compatible with one cable
- High-purity oxygen-free copper conductor
- Customised PVC outer sheath; CE CPR Eca flame retardant class certified
- 10-year warranty

UTP CAT6 Cable

PFM920I-6UN-C

PFM920I-6UN-CY

PFM920I-6UN-CG

PFM920I-6UN-CP



- 305 m (1000 ft)/carton UTP CAT6, power over Ethernet, compatible with one cable
- High-purity oxygen-free copper conductor
- Customised PVC outer sheath; CE CPR Eca flame retardant class certified
- 10-year warranty

CAT6 15U" Pass Through RJ45 Connector

PFM976-631-PT



- Unshielded CAT6 RJ-45 connector
- Designed with a through hole for cables to be fed through
- Built with trident brass sheet and 15 μ gold plating
- Lifespan of 750 cycles

CAT5E 15U" Pass Through RJ45 Connector

DH-PFM976-531-PT



- Unshielded CAT5E RJ-45 connector
- Designed with a through hole for cables to be fed through
- Built with trident brass sheet and 15 μ gold plating
- Lifespan of 750 cycles

CAT6 RJ45 Connector

PFM976-631



- CAT6
- Lifespan of 750 cycles
- Up to 15 μ gold plating thickness

CAT5/5e RJ45 Connector

PFM976-531



- CAT5/5e
- Lifespan of 750 cycles
- Up to 15 μ gold plating thickness

Accessories Tester

Integrated Mount Tester

PFM900-E



- 4.0" TFT screen, 800 × 480 resolution
- H.264/H.265 decoding display for IPC
- HDCVI/AHD/TVI/CVBS video display control
- Supports SD and HD direct switch · 12 V/2 A DC power supply for the camera
- Supports RS-485 control, and audio test
- Length and attenuation tests of the network
- Functions of digital multimeter

Integrated Mount Tester

PFM904



- HDCVI/AHD/TVI/CVBS video display control
- 12 V/1 A DC power supply for the camera
- Supports RS-485 control
- Supports audio test
- Charge through USB connector
- Compact and portable, designed with a removable wrist strap
- Replaceable 18650 lithium ion battery

Integrated Mount Tester

PFM906-E



- Supports IPC, HDCVI, AHD, HDTVI, CVBS and SDI monitor video display
- HDMI input and output
- 12 VDC 2A and USB 5V 2A output
- 7-in 1080p HD full-angle retina capacitive IPS touchscreen
- TDR network cable test and cable tracker function
- Optical power meter function

Integrated Mount Tester

PFM907-E



- Supports HDCVI, AHD, HDTVI and CVBS digital surveillance system
- PoE or 12 VDC power supply
- Support Onvif protocol to configure IP address
- Audio/RS-485 control
- Digital multimeter function
- TDR network cable test
- Wi-Fi signals test

Accessories

600VA/360W Line-interactive UPS

PFM350-360



- Wide input voltage range: AC 81-145 V or AC 140-290 V, meets the requirements in different parts for electric network fluctuation
- Boost and buck AVR for voltage stabilisation
- Off-mode charging, cold start function and full protection
- Continuous power supply for preventing data loss
- Compact size

1500VA/900W Line-interactive UPS

PFM350-900



- Wide input voltage range: AC 81-145 V or AC 140-290 V, meets the requirements in different parts for electric network fluctuation
- Boost and buck AVR for voltage stabilisation.
- Off-mode charging, cold start function and full protection.
- Continuous power supply for preventing data loss.
- Compact size

24-port 100 Mbps + 2-port Gigabit Managed PoE Switch

PFS4226-24ET-360/240



*The parameters and datasheets below apply only to V2.0 (version 2.0)

- Intelligent PoE
- Red port supports 90 W IEEE802.3bt
- Web management with friendly interface and easy operation
- 250 m long distance PoE transmission
- PoE watchdog
- Plug and play

16-port 100 Mbps + 2-port Gigabit Managed PoE Switch

PFS4218-16ET-240/190



*The parameters and datasheets below apply only to V2.0 (version 2.0)

- Intelligent PoE
- Red port supports 90 W IEEE802.3bt
- Web management with friendly interface and easy operation
- 250 m long distance PoE transmission
- PoE watchdog
- Plug and play

10-Port Unmanaged Desktop Switch with 8-Port PoE

PFS3010-8ET-96



- Layer 2 commercial switch · Supports PoE power management
- Supports wall-mount installation · Anti-theft lock hole
- MAC auto learning and aging, MAC address capacity is 8K
- Supports IEEE802.3, IEEE802.3u and IEEE802.3X standards
- RJ45 port supports 10/100 Mbps self-adaptation
- Supports 250 metres long distance PoE transmission
- Conforms to IEEE802.3af and IEEE802.3at power supply standard. Port 1 supports Hi-PoE 60 W power supply
- 250 m long distance PoE transmission
- PoE watchdog

6-Port 10/100Mbps Unmanaged Desktop Switch with 4 PoE Ports

PFS3006-4ET-60



- Layer 2 commercial switch
- Supports IEEE802.3, IEEE802.3u, IEEE802.3ab and IEEE802.3x standards
- MDI/MDIX self-adaptation
- RJ-45 port supports 10/100 Mbps self-adaptation, and confirms to 802.3at, and 802.3af power supply standards
- Port 1 supports Hi-PoE 60 W power supply
- 250 m PoE power supply
- Wall mounting and mechanical anti-theft
- 53 VDC power supply
- Supports PoE watchdog

12-Port Hardened Managed Switch with 8-Port PoE

HS4412-8ET-120/96



- Comes with 8 × 10/100 Mbps PoE ports and 4 × SFP 1000 Mbps uplink ports
- Meets the requirements of IEEE 802.3af and IEEE 802.3at power supply standards. The red port complies Hi-PoE/IEEE 802.3bt standard, orange port complies Hi-PoE standard
- PoE watchdog monitor the real time status of the end device
- Power consumption management
- Fanless design
- Supports desktop mount and guide rail mount

8-Port Hardened Managed Switch with 4-Port PoE

HS4408-4ET-96/60



- Comes with 4 × 10/100 Mbps PoE ports and 4 × SFP 1000 Mbps uplink ports
- Meets the requirements of IEEE 802.3af and IEEE 802.3at power supply standards. The red port complies Hi-PoE/IEEE 802.3bt standard, orange port complies Hi-PoE standard
- PoE watchdog monitor the real time status of the end device
- Power consumption management
- Fanless design
- Supports desktop mount and guide rail mount

20-Port Managed Industrial Gigabit Switch with 16-Port PoE

IS4420-16GT-240



- All-gigabit port design
- Supports IEEE802.3af, IEEE802.3at, Hi-PoE and IEEE802.3bt (red port) standards
- 250 m long-distance PoE transmission (10 Mbps)
- PoE Watchdog
- Supports STP, RSTP, and ERPS
- IEEE802.1Q-based VLAN configuration
- Manual link aggregation and static LACP
- Desktop mount and DIN-rail mount

10-Port Managed Industrial Gigabit Switch with 6-Port PoE

IS4410-6GT-120



- All-gigabit port design
- Supports IEEE802.3af, IEEE802.3at, Hi-PoE and IEEE802.3bt (red port) standards
- 250 m long-distance PoE transmission (10 Mbps)
- PoE Watchdog
- Supports STP, RSTP, and ERPS
- IEEE802.1Q-based VLAN configuration
- Manual link aggregation and static LACP
- Desktop mount and DIN-rail mount

10-Port Managed Industrial Gigabit Switch with 8-Port PoE

IS4210-8GT-120



- All-gigabit port design
- Supports IEEE802.3af, IEEE802.3at, Hi-PoE and IEEE802.3bt (red port) standards
- 250 m long-distance PoE transmission (10 Mbps)
- PoE Watchdog
- Supports STP, RSTP, and ERPS
- IEEE802.1Q-based VLAN configuration
- Manual link aggregation and static LACP
- Desktop mount and DIN-rail mount

7-Port Managed Gigabit Industrial Switch with 4-Port Gigabit PoE

IS4207-4GT-120



- All-gigabit port design
- Supports IEEE802.3af, IEEE802.3at, Hi-PoE and IEEE802.3bt (red port) standards
- 250 m long-distance PoE transmission (10 Mbps)
- PoE Watchdog
- Supports STP, RSTP, and ERPS
- IEEE802.1Q-based VLAN configuration
- Manual link aggregation and static LACP
- Desktop mount and DIN-rail mount

4-Port Managed Gigabit Industrial Switch with 2-Port Gigabit PoE

IS4204-2GT-120



- All-gigabit port design
- Supports IEEE802.3af, IEEE802.3at, Hi-PoE and IEEE802.3bt (red port) standards
- 250 m long-distance PoE transmission (10 Mbps)
- PoE Watchdog
- Supports STP, RSTP, and ERPS
- IEEE802.1Q-based VLAN configuration
- Manual link aggregation and static LACP
- Desktop mount and DIN-rail mount

28-Port Cloud Managed Desktop Gigabit Switch with 24-Port PoE

CS4228-24GT-375/240



- Meets the requirements of IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3ab, IEEE802.3z standards
- Meets the requirements of IEEE802.3af, IEEE802.3at, Hi-PoE, and IEEE802.3bt power supply standards
- Manages PoE power consumption and PoE power on/off. Supports Intelligent PoE
- A wide operating temperature range and a full metal casing that is fully-enclosed and dust-proof

26-Port Cloud Managed Desktop Switch with 24-Port PoE

CS4226-24ET-375/240



- Meets the requirements of IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3ab, IEEE802.3z standards
- Meets the requirements of IEEE802.3af, IEEE802.3at, Hi-PoE, and IEEE802.3bt power supply standard
- Manages PoE power consumption and PoE power on/off. Supports Intelligent PoE
- A wide operating temperature range and a full metal casing that is fully-enclosed and dust-proof

20-Port Cloud Managed Desktop Gigabit Switch with 16-Port PoE

CS4220-16GT-240/190/135



- Meets the requirements of IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3ab, IEEE802.3z standards
- Meets the requirements of IEEE802.3af, IEEE802.3at, Hi-PoE, and IEEE802.3bt power supply standards
- Manages PoE power consumption and PoE power on/off. Supports Intelligent PoE
- A wide operating temperature range and a full metal casing that is fully-enclosed and dust-proof

18-Port Cloud Managed Desktop Switch with 16-Port PoE

CS4218-16ET-240/190/135



- Meets the requirements of IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3ab, IEEE802.3z standards
- Meets the requirements of IEEE802.3af, IEEE802.3at, Hi-PoE, and IEEE802.3bt power supply standards
- Manages PoE power consumption and PoE power on/off. Supports Intelligent PoE
- A wide operating temperature range and a full metal casing that is fully-enclosed and dust-proof

10-Port Cloud Managed Desktop Gigabit Switch with 8-Port PoE

CS4010-8GT-110



- Meets the requirements of IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3ab standards
- Meets the requirements of IEEE802.3af, IEEE802.3at, Hi-PoE, and IEEE802.3bt power supply standards
- Manages PoE power consumption and PoE power on/off. Supports Intelligent PoE
- A wide operating temperature range and a full metal casing that is fully-enclosed and dust-proof

10-Port Cloud Managed Desktop Switch with 8-Port PoE

CS4010-8ET-110



- Meets the requirements of IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3ab standards
- Meets the requirements of IEEE802.3af, IEEE802.3at, Hi-PoE, and IEEE802.3bt power supply standards
- Manages PoE power consumption and PoE power on/off. Supports Intelligent PoE
- A wide operating temperature range and a full metal casing that is fully-enclosed and dust-proof

6-Port Cloud Managed Desktop Gigabit Switch with 4-Port PoE

CS4006-4GT-60t



- Meets the requirements of IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3ab standards
- Meets the requirements of IEEE802.3af, IEEE802.3at, Hi-PoE power supply standards
- Manages PoE power consumption and PoE power on/off. Supports Intelligent PoE
- A wide operating temperature range and a full metal casing that is fully-enclosed and dust-proof

6-Port Cloud Managed Desktop Switch with 4-Port PoE

CS4006-4ET-60



- Meets the requirements of IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3ab standards
- Meets the requirements of IEEE802.3af, IEEE802.3at, Hi-PoE power supply standards
- Manages PoE power consumption and PoE power on/off. Supports Intelligent PoE
- A wide operating temperature range and a full metal casing that is fully-enclosed and dust-proof

Wireless Bridge

WBC5-45AC-03P



- Strong signal: With its enhanced antenna, the peer-to-peer transmission distance reaches up to 3 km (9,842 ft)
- Wide operating temperature: $-30\text{ }^{\circ}\text{C}$ to $+65\text{ }^{\circ}\text{C}$ ($-22\text{ }^{\circ}\text{F}$ to $+149\text{ }^{\circ}\text{F}$).
- Easy installation: Supports multiple installation methods such as wall mount and pole mount
- High protection: IP65 rated, it is suitable for outdoor applications and withstands severe weather
- Strong broadband: The bandwidth can reach up to 867 Mbps, ensuring there is no delay in transmission

Wireless Bridge

WBC5-30AC-05P



- Strong signal: With its enhanced antenna, the point-to-point transmission distance reaches up to 5 km (16,404 ft)
- Wide operating temperature: $-30\text{ }^{\circ}\text{C}$ to $+65\text{ }^{\circ}\text{C}$ ($-22\text{ }^{\circ}\text{F}$ to $+149\text{ }^{\circ}\text{F}$).
- Easy installation: Supports multiple installation methods such as wall mount and pole mount
- High protection: IP65 rated, it is suitable for outdoor applications and withstands severe weather
- Strong broadband: The bandwidth can reach up to 867 Mbps, ensuring there is no delay in transmission

5GHz AC867 18dBi Outdoor Base Station

PFWB5-90ac



- Integrated 5 GHz (2x2) MIMO radio
- Frequency 5.150 - 5.850 GHz (FCC 5.150 - 5.250 and 5.725 - 5.850 GHz)
- High performance and stability
- IP66 rated enclosure
- Improved noise immunity
- TDMA ensures reliable communication
- Powerful OS
- Dual firmware
- Built-in tools including Site Survey, Link Test, Antenna Alignment, Spectrum Analyzer, Ping & Trace help in configuration and debugging
- Recommended for 0-5 km PTP/PTMP wireless connection (as a station in PTMP link)

5GHz AC867 15dBi Outdoor Wireless CPE

PFWB5-30ac



- Integrated 5 GHz (2x2) MIMO radio
- Frequency 5.150 - 5.850 GHz (FCC 5.150 - 5.250 and 5.725 - 5.850 GHz)
- High performance and stability
- IP66 rated enclosure
- Improved noise immunity
- TDMA ensures reliable communication
- Powerful OS
- Dual firmware
- Built-in tools including Site Survey, Link Test, Antenna Alignment, Spectrum Analyzer, Ping & Trace help in configuration and debugging
- Recommended for 0-3 km PTP/PTMP wireless connection (as a station in PTMP link)

5GHz N300 Outdoor Wireless Base Station

PFWB5-90n



- Integrated 5 GHz (2x2) MIMO radio
- Frequency 5.150 - 5.850 GHz (FCC 5.150 - 5.250 and 5.725 - 5.850 GHz)
- High performance and stability
- IP66 rated enclosure
- Improved noise immunity
- TDMA ensures reliable communication
- Powerful OS
- Dual firmware
- Built-in tools including Site Survey, Link Test, Antenna Alignment, Spectrum Analyzer, Ping & Trace help in configuration and debugging
- Recommended as Base Station for 0-5 km PTMP wireless connection

5GHz N300 15dBi Outdoor Wireless CPE

PFWB5-30n



- Integrated 5 GHz (2x2) MIMO radio
- Frequency 5.150 - 5.850 GHz (FCC 5.150 - 5.250 and 5.725 - 5.850 GHz)
- Miniaturised design
- High performance and stability
- IP65 standards rated enclosure
- Improved noise immunity
- TDMA ensures reliable communication
- Powerful OS
- Dual firmware
- Built-in tools including Site Survey, Link Test, Antenna Alignment, Spectrum Analyzer, Ping & Trace help in configuration and debugging
- Recommended for 0-3 km PTP/PTMP wireless connection (as a station in PTMP link)

H Series 21.5"/23.8" FHD Monitor

LM22-H200

LM24-H200



- Suitable for continuous 24/7 operation
- Ultra-thin body with metal housing
- Micro bezel design, elegant appearance, ultra-light base
- 6.5 ms fast response time with no image blurring or ghosting
- 178 °H/178 °V extra-wide viewing angle for overall viewing performance
- Supports multiple signal inputs including HDMI and VGA
- Low energy consumption, long service life

P Series 24"/27"/32" QHD Monitor

LM24-P301A/ LM27-P301A

LM32-P301A



- The 2560 x 1440 resolution produces clearer and more vivid pictures
- IPS panel for wide viewing angles with 3-sided frameless design
- 178 °H/178 °V extra-wide viewing angle for overall viewing performance
- Wide colour gamut. 99% sRGB, 120% NTSC, 98% DCI-P3
- Rich interfaces, 65 W type-C supports reverse charging
- 6 ms fast response time with no image blurring or ghosting
- Supporting PIP/PBP to display the screens of two devices on the display simultaneously
- The angle can be adjusted to meet different needs

B Series 21.5"/23.8"/27" FHD Monitor

LM22-B200S / LM24-B200S

LM27-B200S



- Light and cost-effective plastic housing
- Ultra-narrow bezel, elegant appearance, metal base
- 178 °H/178 °V extra-wide viewing angle for overall viewing performance
- High fidelity digital processing for a brilliant and vivid video
- Supports multiple signal inputs such as HDMI, VGA
- Physical button control mode
- Low energy consumption, long service life
- Anti-blue light design, eye-protective

F Series 32"/43" FHD Monitor

LM32-F200

LM43-F200



- Light and cost-effective plastic housing
- 178 °H/178 °V extra-wide viewing angle for overall viewing performance
- High fidelity digital processing for brilliant and vivid video
- 8 ms fast response time with no image blurring or ghosting
- Supports multiple signal inputs such as HDMI, VGA and USB
- Built-in speakers
- Physical button and infrared remote dual control mode
- Low energy consumption, long service life

S Series 43"/49"/55"/65" UHD Monitor

**LM43-S400/ LM49-S400/
LM55-S400/ LM65-S400**



- Industrial level LCD panel, suitable for continuous 24/7 operation
- 4K Ultra-HD resolution
- Using tamper-proof metal housing
- Built-in 3D COMB filter and 3D noise reduction
- 8 ms response time for no motion blur, judder or ghosting
- 1.07G colours, for a realistic and immersive visual experience
- High fidelity digital processing for a brilliant and vivid video
- 178 °H/178 °V extra-wide viewing angle for overall viewing performance
- Professional thermal design to extend equipment lifespan
- Built-in power, low energy consumption
- Supports multiple signals, such as HDMI, DP, VGA, USB multimedia, Audio, RS232

S Series 43"/55" FHD Monitor

**LM43-S200
LM55-S200**



- Suitable for continuous 24/7 operation
- Uses tamper-proof metal housing
- 6 ms response time for no motion blur, judder or ghosting
- High fidelity digital processing for brilliant and vivid video
- 178 °H/178 °V extra-wide viewing angle
- Professional thermal design to extend equipment lifespan
- Built-in speakers, low energy consumption
- Supports multiple signals, such as HDMI, VGA, USB multimedia, audio, RS232

F Series 43"/50"/55"/65" UHD Monitor

**LM43-F400 / LM50-F400
LM55-F400 / LM65-F400**



- 4K Ultra-HD resolution
- Suitable for continuous 24/7 operation
- 8 ms response time for no motion blur, judder or ghosting
- 1.07G colours, for a realistic and immersive visual experience
- High fidelity digital processing for a brilliant and vivid video
- 178 °H/178 °V extra-wide viewing angle for overall viewing performance
- Professional thermal design to extend equipment lifespan

46"/49"/55" FHD Video Wall Display Unit (Ultra Narrow Bezel 3.5 mm)

**LS460UCM-EF
LS490UCM-EF
LS550UCM-EF**



- Industrial grade ADS LCD panel, suitable for continuous 24/7 operation
- Ultra-narrow 3.5 mm bezel-to-bezel design
- Anti-glare panel, vivid and memorable image quality
- Factory calibration technology for high colour uniformity
- Built-in 3D noise reduction system and picture splicing function
- Multiple interfaces HDMI, DVI, VGA, BNC, USB, supporting HDMI daisy chain
- Infrared, RS232 dual mode, supporting remote control by computer
- Professional thermal design to extend device lifespan
- Built-in power, low energy consumption, ultra-quiet
- Modular structure design, multiple installation modes
- Suitable for surveillance centres, command centres, meeting rooms, commercial display applications, etc

55" FHD Video Wall Display Unit (Ultra Narrow Bezel 1.74 mm)

LS550UDH-UG



- Industrial grade IPS LCD panel, suitable for continuous 24/7 operation
- Ultra-narrow 1.74 mm B-to-B (Panel Bezel to Panel Bezel) design
- Anti-glare and high brightness panel, vivid and memorable image quality
- Factory calibration technology for high colour uniformity
- Built-in 3D noise reduction system and picture splicing function
- Multiple interfaces HDMI, DVI, VGA, DP (UHD daisy chain), RS232, Audio
- Up to 4K@60 Hz signal input by DP IN or HDMI 1 interface, up to 4K@30 Hz signal output by DP OUT interface
- Infrared, RS232 dual mode, supporting remote control by computer
- Professional thermal design to extend device lifespan
- Built-in power, low energy consumption, ultra-quiet
- Modular structure design, multiple installation modes
- Suitable for surveillance centres, command centres, meeting rooms, commercial display applications, etc.

55" FHD Video Wall Display Unit (Ultra Narrow Bezel 0.88 mm)

LS550UEH-UG



- Industrial grade IPS LCD panel, suitable for continuous 24/7 operation
- Ultra-narrow 0.88 mm bezel-to-bezel design
- Anti-glare and high brightness panel, vivid and memorable image quality
- Factory calibration technology for high colour uniformity
- Built-in 3D noise reduction system and picture splicing function
- Abundant interfaces HDMI, DVI, VGA, DP (UHD daisy chain), RS232, Audio
- Up to 4K@60 Hz signal input by DP IN or HDMI 1 interface, up to 4K@30 Hz signal output by DP OUT interface
- Infrared, RS232 dual mode, supporting remote control by computer
- Professional thermal design to extend device lifespan
- Built-in power, low energy consumption, ultra-quiet
- Modular structure design, multiple installation modes
- Suitable for surveillance centres, command centres, meeting rooms, commercial display applications, etc

Indoor Fine Pixel Pitch LED

PHSIA0.9-CH

PHSIA1.2-CH



- Mini Flip COB (Chips on Board) technology
- Ultra-thin 40 mm and super-light 4.0 kg design
- 16:9 Golden aspect ratio, can achieve pixel to pixel 2K, 4K, 8K, 16K resolution
- CNC die-casting aluminium cabinet, splicing tolerance is controlled within ± 0.1 mm
- All parts support front maintenance
- Dot by dot calibration ensures colour richness and brightness uniformity



General Outdoor Fixed LED

PHGOA2.97-PH / PHGOA3.91-PH
PHGOA4.81-PH / PHGOA5-PH
PHGOA6-PH/ PHGOA8-PH
PHGOA10-PH

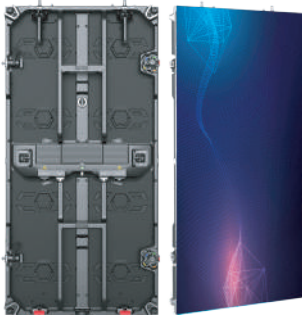
- Super thin and light design: 77 mm and 34 kg/m
- Supports front and rear installation and maintenance
- 90 °VR curved splicing or 90 ° right angle splicing, two types of right angle splicing solution
- Aluminium module chassis and panel frame improves heat dissipation
- High protection grade, IP68 on front and IP66 on rear
- Dot by dot calibration ensures colour richness and brightness uniformity



Outdoor Rental LED

PHROA3.91-MH
PHROA4.81-MH

- 500 x 500 mm and 500 x 1000 mm cabinet size design, supports splicing installation with up and down
- Radian lock, supports installed with internal and external radian
- Maintains excellent grayscale performance even at low brightness levels, delivering deep contrast and a wide range of vibrant colours



Indoor ALL-In-One LED

PHMIA135-EHt



- Global ultra-thin design (35mm), color saturation more than 97%
- Support wireless projection, multi-screen networking interaction, one screen and multiple display
- User-level installation and maintenance, no need for secondary renovation, no need for rear maintenance access
- Rich interface compatibility: USB interface, HDMI input and output, RJ45 network port, infrared remote control, etc., support WiFi, Bluetooth, Ethernet multiple network transmission methods



Dahua Commercial Display Series



CH Series



Indoor Flip COB fine pixel pitch LED display

- Flip COB Design
- Good Ink Consistency
- Full Front Maintenance
- High Protection
- Energy-saving & Power-saving

TH Series



Indoor Fine Pixel Pitch LED

- Front/Rear maintenance.
- Tool free disassembly of Hub board.
- Hardwired wireless design
- Dot by dot calibration ensures color richness and brightness uniformity

PH Series



Outdoor Fixed LED display

- Super thin and light design
- Front & Rear installation and maintenance
- IP66 Waterproof-High protection grade
- High Brightness
- High Reliability-Aluminum Module chassis and panel frame accelerates heat dissipation

Why Choose Dahua Commercial Display?



Customised Scenario Solutions

Dahua deliver versatile LED display solutions that tailored to your scenario



Premium Quality Assurance

Our products reflect excellence, thanks to substantial R&D investment



Swift Nationwide Delivery

With a vast local stock, expect delivery within a week on a variety of products



Exceptional Local Support

Enjoy top-notch service, including remote/onsite technical support, training, and reliable repairs

Multi-service Video Management Platform

M70-4U-E



- 19" standard 4U ATCA industry box
- Easy and flexible configuration with pluggable card module design
- 80-ch@1080p or 320-ch@D1 signal encoding (fully configured)
- 80-ch@4K or 320-ch@1080p or 720-ch@720p or 1280-ch@D1 signal decoding (fully configured)
- Supports 320-ch@1080p H.265 signal decoding (fully configured)
- Supports 240@D1 nonstandard stream signal decoding (fully configured)
- Supports max. 60 screens splicing
- Supports analog/digital video signals input and matrix output
- Supports SD/HD video signal matrix switch and output
- Supports non-compressed digital signal encoding output
- 6 RJ-45 gigabit network ports for matrix control, preview and online central storage
- Supports TCP/IP/RTP/RTSP/RTCP/TCP/UDP/DHCP/PPPoE and etc. network protocols
- Remote cast analog/digital video onto the video-wall
- Remote reboot/upgrade/default setting and etc. operations
- Supports VGA signal automatic adjustment

4 Channel DVI encoding card

VEC0404HD-M70

4 Channel HDMI encoding card

VEC0404HH-M70

6 Channel HDMI decoding card

VDC0605H-M70

32 Channel CVBS encoding card

VEC3204FB-M70

8 Channel SDI encoding card

VEC0804HC-M70



Ultra-HD Network Video Decoder

NVD0105DH-4K



- Designed for standalone operator viewers
- H.265+/ H.265/ H.264/ MPEG4/ MJPEG video decoding
- 3-ch@12 MP/4-ch@4K/16-ch@1080p/36ch@720p/64-ch@D1 decoding ability
- Supports multiple resolution decoding: up to 8 MP and 12 MP network video
- 1-ch HDMI/VGA output, HDMI supports Ultra HD 4K output
- Supports 1/4/9/16/25/36/64 display split
- Supports audio, alarm, bi-directional talk, RS485
- Local GUI supports mouse operation directly
- Supports the display of intelligent regular line

Ultra-HD Network Video Decoder

NVD0405DH-21-4K



- 2-ch@8K/8-ch@4K/36-ch@1080p/144-ch@D1 real-time decoding ability
- 2-ch HDMI input max. support 4K@30 fps collection
- 2-ch HDMI output (only for odd interfaces) max. support 4K@60 fps output
- Supports up to 4 video-wall display units or monitors
- Splicing screens control for zoom/merge/roam/overlay
- Supports 1/4/6/8/9/16/25/36 and free split
- Fisheye dewarp function, supports multi-video split display in ceiling mount, wall mount, ground mount installation mode
- Supports alarm, bi-directional talk, RS232, RS485

Ultra-HD Network Video Decoder

NVD0905DH-41-4K



- Designed for standalone operator viewers
- H.265+/H.265/H.264/MJPEG/MPEG4/MPEG2 video decoding
- Ultra-high decoding ability, up to 12 MP
- 2-ch HDMI and 2-ch DVI-1 input, 9-ch HDMI output
- Supports 1/4/9/16 display split
- Supports audio, alarm, bi-directional talk, RS485
- Splicing screens control for zoom/merge/roam/overlay

Monitors&Video Walls Keyboard

HD Network Control Keyboard

NKB5000(-F)



- Keyboard to control Dahua standalone DVR
- Dahua (network) high speed dome
- Dahua high speed dome
- Central management platform
- Network Video Server
- RS232, RS485 & network connections (Wi-Fi)
- Four dimensional joystick control of PTZ functions
- Supports 4K decoding live view
- Supports 4CH HDMI output
- Supports snapshot and recording to U-disk
- Supports Video-Wall display control
- Preset Position, Auto Scan, Auto Pan, Auto Tour & Pattern Control
- NKBS000-F model includes an extension keypad module (The module is not available in platform preview mode; FI cannot be called in platform TV wall mode)

Network Keyboard & Control Keyboard

NKB1000



- Keyboard to control
- Dahua high speed dome (all models)
- Dahua standalone DVR (KBD1000 & NKB1000 only)
- Dahua network high speed dome (NKB1000 only)
- Network Video Server (NKB1000 only) connection
- NKB1000: RS485, RS422, USB, RS232 & network
- KBD1000: RS485, RS422, USB & RS232
- KB1000 : RS485, RS422 & USB (RS422 reserved for all models) functions
- Three dimensional joystick control of PTZ functions
- Preset Position, Auto Scan, Auto Pan, Auto Tour & Pattern Auxiliary Functions
- On-Screen menu & user operation procedure tips
- Connect to Smart PSS or DSS platform via USB (NKB1000 only)

Standard Series Indoor Floor-standing Digital Signage

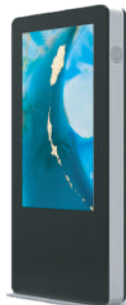
LDV43-SAI400K
LDV55-SAI400K
LDV65-SAI400K



- High quality panel, industrial-grade design, full metal casing, 3 mm tempered protective glass
- Supports picture, audio, video, PDF, IPC stream, time, weather, etc
- Dahua MPS platform provides unified remote management for system integrators and media operators
- Strong 4-core processor provides powerful decoding capabilities, enabling premium display performance
- Built-in media player software and USB player provide multiple methods to play contents

Outdoor Floor-standing Digital Signage

LDV55-EAO400K
LDV65-EAO400K



- Industrial design, waterproof galvanised steel housing, tempered protective glass
- High brightness and anti-reflection glass ensure excellent visibility under direct sunlight
- Dahua MPS platform provides unified remote management for system integrators and media operators
- Strong 4-core processor provides powerful decoding capabilities, enabling premium display performance
- Built-in media player software and USB player provide multiple methods to play contents

Media Player Box

DS04-AI400



- Industrial design, small and portable, matching monitor, video wall, LED screen for advertising
- 4 function modules include network release, local release, app manager and system settings
- Supports video, picture, audio, txt, PDF, IPC stream, time, weather and other multimedia information released, made for advertising industry
- Supports the program material off the network or outage resume function, greatly save bandwidth and network flux
- Dahua MPS platform provides unified remote management for system integrators and media operators

Pro Series Wall-mounted Digital Signage

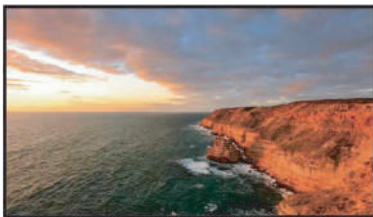
LDH43-HAI400K / LDH50-HAI400K
LDH55-HAI400K / LDH65-HAI400K



- High quality panel, industrial-grade design, full metal casing
- Dahua MPS platform provides unified remote management for system integrators and media operators
- Strong 4-core processor provides powerful decoding capabilities, enabling premium display performance
- Multiple installation modes satisfy a broad range of project requirements
- Built-in media player software and USB player provide multiple methods to play contents

Standard Series Wall-mounted Digital Signage

LDH43-SAI400K / LDH55-SAI400K
LDH65-SAI400K



- High quality panel, industrial-grade design, full metal casing
- Dahua MPS platform provides unified remote management for system integrators and media operators
- Strong 4-core processor provides powerful decoding capabilities, enabling premium display performance
- Multiple installation modes satisfy a broad range of project requirements
- Built-in media player software and USB player provide multiple methods to play contents



Outdoor Wall-mounted Digital Signage

LDH55-EAO400K
LDH65-EAO400K



- Industrial design, waterproof galvanised steel housing, tempered protective glass
- High brightness and anti-reflection glass ensure excellent visibility under direct sunlight
- Dahua MPS platform provides unified remote management for system integrators and media operators
- Strong 4-core processor provides powerful decoding capabilities, enabling premium display performance
- Built-in media player software and USB player provide multiple methods to play contents



65" UHD Smart Interactive Whiteboard

LPH65-MT440-C

75" UHD Smart Interactive Whiteboard

LPH75-MT440-C

86" UHD Smart Interactive Whiteboard

LPH86-MT440-C



- 65/75/86-inch ELED 4K UHD
- Attractive appearance: Narrow border design at three sides, and delicate decoration and breathing light at the lower side
- Multiple functions, including wireless projection, electronic whiteboard, file management, fingerprint unlock, multiple themes available, etc
- Optional OPS module, compatible with mainstream OPS in the market
- Supports projection via mobile phone, PC, and Mac
- Supports 8-channel access and simultaneous display of 4-channel data

Detachable PC Module

MC-PI5681IL



- High performance Intel processors
- Supports high resolution, up to 4K
- Equipped with Intel® HD Graphics 530, the detachable PC Module supports 4K and H.265
- Multiple I/O interfaces, including USB 3.0 x 6, LAN Port (RJ45) x 1, Antenna x 2, HDMI x 1, DP x 1
- Supports high-speed wireless transmission

Screen Sharing Cable

PKP-WPOB



- One USB cable connection, drive free
- One-button press for instant sharing

Digital Face Recognition Outdoor Station

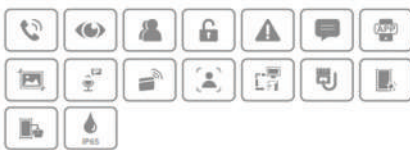
VTO7541G-S2



- Anodised aluminium alloy middle frame
- 8 inch capacitive touch screen and high definition IPS screen; resolution: 800 (H) × 1280 (V)
- Surface mount and flush mount
- Face, fingerprint, password, and card unlock
- Face verification accuracy >99%; face comparison time ≤0.2 s per person; false recognition rate
- Supports liveness detection
- Face profiles can be recognised, the profile angle range is 0 ° to 90 °
- Full duplex communication
- Outdoor stations can be managed through the platform; voice communication between mobile app and platform
- 2 MP low illuminance wide dynamic dual camera; white light fill light and IR fill light, fill light brightness can be adjusted
- Supports duress alarm, tamper alarm, and fire alarm
- IK07; IP66 (Apply silica gel to gaps between the device and the wall. Liquid sodium silicate is recommended. For details, see the quick start guide.)

Face Recognition Door Station

VTO6531H



- 4.3 inch IPS display; screen resolution 800 × 480
- 2 MP CMOS; true WDR
- Face-camera distance: 0.3 m-2 m; human height: 1.1 m-2.4 m (lens-ground distance: 1.4 m)
- Touch button; IP65
- Operating temperature: -30 °C to +60 °C
- Auto light illumination reduces light pollution
- Multiple unlock modes: Password unlock, IC card unlock, remote unlock and face unlock
- Supports 20,000 users, 10,000 face images, and 10,000 cards
- Face recognition speed: 0.2 second per person
- Supports liveness detection
- Supports full duplex; management platform, and voice call through APP
- Supports SIP server, and can manage up to 200 indoor monitors
- Supports duress alarm, tamper alarm, and door sensor timeout alarm
- Various unlock status display modes protect user privacy

Apartment Door Station

VTO6521H



- 4.3 inch IPS display; screen resolution 800 × 480
- 2 MP CMOS; true WDR
- Touch button; IP65
- Operating temperature: -30 °C to +60 °C
- Auto light illumination reduces light pollution
- Multiple unlock modes: Password unlock, IC card unlock, and remote unlock
- Supports 20,000 users and 10,000 cards
- Supports full duplex; management platform, and voice call through APP
- Supports SIP server, and can manage up to 200 indoor monitors
- Supports duress alarm, tamper alarm, and door sensor timeout alarm

IP Apartment Door Station

VTO6521K



- 4.3-inch LCD display with easy-to-press metal buttons; screen resolution 800 × 480
- 2 MP CMOS; true WDR
- 316 stainless steel panel; IP65, IK08
- Operating temperature: -30 °C to +60 °C
- Auto light illumination reduces light pollution
- Multiple verification methods: Password, IC card, QR code, and remote unlocking
- Supports 20,000 users and 10,000 cards
- Supports full duplex; management platform, and voice call through APP
- Supports SIP server, and can manage up to 500 indoor monitors
- Supports duress alarm, tamper alarm, and door sensor timeout alarm

Apartment Outdoor Station

VTO6221E-P



- Small size apartment door station
- Supplemental lighting with white light
- 2 MP CMOS camera
- Mechanical button with Braille
- Aluminium alloy plate, IK08, IP65 (Apply silica gel to gaps between the device and the wall. Liquid sodium silicate is recommended. For details, see the quick start guide.)
- Door release via password and Mifare card

Apartment Door Station

VTO4202F(B)-X Series inc. VTO4202F(B)-MK (Keypad module)

VTO4202F(B)-ML (LED indicator module) VTO4202F(B)-MR (IC card swipe module)

VTO4202F(B)-MR1 (ID card swipe module)

VTO4202F(B)-MN (Blank module) VTO4202F(B)-MB1 (1-button module)

VTO4202F(B)-MB2 (2-button module) VTO4202F(B)-MB5 (5-button module)

VTO4202F(B)-MS (Display module) VTO4202(B)F-MF (Fingerprint module)



- Modules provide the device with great expandability
- Anodised front aluminium panel; IK07
- Supports voice and video communication
- 2 MP high definition fish-eye camera with 160 ° view range
- Access control function; controls two locks
- Compatible with 2-wire interface and RJ45 interface
- Surface mount and flush mount
- IP65 (Apply silica gel to gaps between the device and the wall. Liquid sodium silicate is recommended. For details, see the quick start guide)

2-wire IP Villa Door Station

VTO2202F-P-S2



- Anodised aluminum front panel
- CMOS low illumination 2 MP HD colorful 160° fisheye camera
- Video intercom function
- Access control function that supports two locks
- Mobile phone app, talk to the visitor or unlock the door remotely with your Smartphone
- Compatible with 2-wire interface & RJ45 interface
- IK07 & IP65
- Supports H.265
- Supports surface and flush mount
- PoE

IP Villa Wi-Fi Door Station

VTO2211G-WP



- Thin lightweight design
- -30 °C to +60 °C (-22 °F to +140 °F) operating temperature
- IP65 (Silicone sealant is needed. For details, see the quick start guide.)
- IR illumination and night vision
- Card unlock, app unlock, and indoor monitor unlock
- Two-way audio and voice call through app
- Card capacity: 10,000
- Tamper alarm
- Standard PoE
- Control two locks
- Supports wireless network

Wi-Fi Villa Door Station

VTO2311R-WP



- Ultra slim design
- PC and ABS material make it ideal for indoor and outdoor use.
- 1/2.8" 2 MP HD CMOS camera
- Offers two-way video call with indoor monitors
- Video and voice messages from visitors can be checked on the indoor monitor
- Video call and unlocking through app
- IR illumination and auto WDR
- Wi-Fi connection
- IP65 rated
- H.264 and H.265
- Unlock with IC card
- PoE power supply

IP 4-button Villa Door Station

VTO3311Q-WP



- Full metal casing design
- Customisable Number of Buttons
- Wi-Fi connection
- 1/2.8" 2 MP HD CMOS camera
- Offers two-way video call with indoor monitors
- IR illumination and auto WDR
- Supports two locks
- Voice call and unlocking through app
- IK08 and IP65 rated
- H.264 and H.265
- Unlock with IC card
- PoE power supply
- Included rain cover
- Optional red-brown or dark blue front cover

Villa Outdoor Station

VTO3221E-P



- Keyboard villa door station
- Supplemental lighting with white light
- 2 MP CMOS camera
- Mechanical button with Braille
- Aluminium alloy plate, IK08, IP65 (Apply silica gel to gaps between the device and the wall. Liquid sodium silicate is recommended. For details, see the quick start guide.)
- Door release via password and Mifare card

2-wire Hybrid Villa Door Station

VTO2003F



- Aluminium alloy front panel
- Offers video intercom which communicates through half-duplex
- Auto IR illumination
- Video messages can be left for unanswered calls. (SD card is required for VTH.)
- Features nameplate and DWDR
- Supports local lock and second lock
- Offers anti-tampering alarm
- IP65 and IK07 rated

IP Indoor Monitor

VTH2421FW(B)-P



- 7" TFT capacitive touch screen, 1024 × 600
- 6-channel alarm input and 1-channel alarm output
- Standard PoE
- Outdoor station and IPC monitor
- H.265 and H.264 video coding
- High performance & cost-effective

IP & Wi-Fi Indoor Monitor

VTH2621G(W)-WP



- 7" TFT capacitive touch screen, 1024 × 600
- 6-channel alarm input and 1-channel alarm output
- Wi-Fi
- Standard PoE
- Outdoor station and IPC monitor
- H.265 and H.264 video decoding
- High performance & cost-effective

2-Wire & Wi-Fi Indoor Monitor

VTH2622G(W)-W



- 7" TFT capacitive touch screen, 1024 × 600
- 6-channel alarm input and 1-channel alarm output
- Wi-Fi
- Outdoor station and IPC monitor
- H.265 and H.264 video decoding
- 2-wire digital communication
- 7" TFT capacitive touch screen
- Offers video intercom that communicates with VTOs through half-duplex, and the app through full-duplex
- Supports recording videos and capturing snapshots (SD card is required)
- 6-channel alarm input and 1-channel alarm output
- The app can be used to receive calls and alarm notifications
- Supports surface mounting
- Connects to HDCVI camera, high performance & cost-effective

2-wire IP Indoor Monitor

VTH5422HB VTH5422HW



- 7" TFT capacitive touch screen
- 6-channel alarm input and 1-channel alarm output
- Supports standard PoE
- Supports H.265 and H.264 video coding
- Supports 2-wire digital communication
- Power over two-wire switch
- Call management centre with one tap
- Supports daisy chain topology
- 2.5D screen glass



Wi-Fi Indoor Monitor

VTH5221D/DW-S2



- 7" TFT capacitive touch screen, 1024 x 600
- IPC surveillance
- 6-ch wireless alarm integration (only supports 433 MHz)
- Micro SD card optional, max. 32 GB
- Record & snapshot (SD card needed)



Android IP & Wi-Fi Indoor Monitor

VTH8A41KMS-W



- Elegant all-screen design
- 10" capacitive touchscreen, 1024 × 600
- Built-in Android OS and flat UI design
- Used with the door station, master station and platform to form an intercom system
- House-to-house communication
- 6-channel alarm input and 1-channel alarm output



Android 10-inch digital indoor monitor

VTH5341G-W



- Android 8.1
- More user-friendly UI
- Ethernet and Wi-Fi
- 10" TFT capacitive touch screen, 1024 × 600
- Micro SD card optional, max. 256 GB



Android 7-inch digital indoor monitor

VTH5321GB(W)-W



- Android 8.1
- More user-friendly UI
- Ethernet and Wi-Fi
- 7" TFT capacitive touch screen, 1024 × 600
- Quick configuration for villa system



2-wire Wi-Fi Hybrid Indoor Monitor

VTH5123H-W



- 7" TFT capacitive touch screen
- Offers video intercom that communicates with VTOs through half-duplex, and the app through full-duplex
- Supports recording videos and capturing snapshots. (SD card is required)
- 6-channel alarm input and 1-channel alarm output
- The app can be used to receive calls and alarm notifications
- Supports surface mount
- Connects to HDCVI camera. 7" TFT capacitive touch screen
- Offers video intercom that communicates with VTOs through half-duplex, and the app through full-duplex
- Supports recording videos and capturing snapshots. (SD card is required)
- 6-channel alarm input and 1-channel alarm output
- The app can be used to receive calls and alarm notifications
- Supports surface mount
- Connects to HDCVI camera

IP Indoor Monitor

VTH5421HB/VTH5421HW



- 7" TFT capacitive touch screen
- 6-channel alarm input and 1-channel alarm output
- Supports standard PoE
- 2.5D screen glass



IP Villa Outdoor Station & Indoor Monitor

KTP01L(F)
KTP01L(S)



IP Villa Door Station

- Anodised aluminium front panel
- CMOS low illumination 2 MP HD colourful 140 ° camera
- Video intercom function
- Access control function that supports two locks
- Use the app to talk to visitors or unlock the door remotely on your phone
- Surface mounted and flush mounted
- PoE
- IK07 & IP65

IP Indoor Monitor

- 7" TFT capacitive touch screen
- 6-channel alarm input and 1-channel alarm output
- Supports standard PoE
- SOS alarm
- Supports daisy chain topology

IP Villa Outdoor Station & Indoor Monitor

KTP01L(F)-AUS
KTP01L(S)-AUS



IP Villa Door Station

- Anodised aluminium front panel
- CMOS low illumination 2 MP HD colourful 140 ° camera
- Video intercom function
- Access control function that supports two locks
- Use the app to talk to visitors or unlock the door remotely on your phone
- Surface mounted and flush mounted
- PoE
- IK07 & IP65

IP Indoor Monitor

- 7" TFT capacitive touch screen, 1024 × 600
- 6-channel alarm input and 1-channel alarm output
- Standard PoE
- Outdoor station and IPC monitor
- H.265 and H.264 video decoding
- High performance & cost-effective

Video Intercom KIT

KTP05



VTO

- Keyboard villa door station
- Supplemental lighting with white light
- 2 MP CMOS camera
- Mechanical button with Braille
- Aluminium alloy plate, IK08, IP55
- Door release via password and Mifare card

VTH

- 7" TFT capacitive touch screen, 1024 × 600
- 6-channel alarm input and 1-channel alarm output
- Wi-Fi
- Standard PoE
- Supports the outdoor station and IPC monitor
- H.265 and H.264 video decoding
- Customise DND mode and the effective schedule
- High-performance and cost-effective

2-Wire Hybrid Kit

KTX01(F)
KTX01(S)



2-wire Wi-Fi Hybrid Indoor Monitor

- 7" TFT capacitive touch screen
- Offers video intercom that communicates with VTOs through half-duplex, and the app through full-duplex
- Supports recording videos and capturing snapshots. (SD card is required)
- 6-channel alarm input and 1-channel alarm output
- The app can be used to receive calls and alarm notifications
- Connects to HDCVI camera

2-wire Hybrid Villa Door Station

- Aluminium alloy front panel
- Auto IR illumination
- Video messages can be left for unanswered calls. (SD card is required for VTH)
- Features nameplate and DWDR
- Supports local lock and second lock
- Offers anti-tampering alarm
- IP65 and IK07 rated

2-Wire Hybrid Kitt

KTX03



VTH

- 7" TFT capacitive touch screen
- Offers video intercom that communicates with VTOs through half-duplex, and the app through full-duplex
- Supports recording videos and capturing snapshots (SD card is required)
- 6-channel alarm input and 1-channel alarm output
- The app can be used to receive calls and alarm notifications
- Surface mount
- Connects to HDCVI cameras

VTO

- Aluminum alloy front panel
- Offers video intercom that communicates with VTOs through half-duplex
- Auto IR illumination
- Supports leaving audio and video messages when no one responds through the indoor monitor (an SD card is required)
- Includes the nameplate
- Digital Wide Dynamic Range (DWDR)
- Supports local lock and second lock
- Tamper alarm
- IP65 and IK08 rated
- Features 3 unlock methods: IC card, password and remote unlock
- Keypad with Braille

IP Villa Wi-Fi Door Station & Wi-Fi Indoor Monitor

KTW01



IP Villa Wi-Fi Door Station

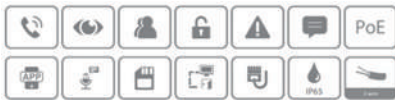
- Thin lightweight design
- -30°C to +60°C (-22°F to +140°F) operating temperature
- IP65 (Silicone sealant is need. For details, see the quick start guide.)
- IR illumination and night vision
- Card unlock, app unlock, and indoor monitor unlock
- Two-way audio and voice call through app
- Card capacity: 10,000
- Tamper alarm
- Standard PoE
- Control two locks
- Supports wireless network

Wi-Fi Indoor Monitor

- 7" TFT Capacitive touch screen, 1024 x 600
- IPC surveillance
- 6-ch wired alarm integration
- Supports wireless network
- Record & snapshot (SD card needed)

2-wire IP Villa Door Station

KTD01L



- Anodised aluminium front panel
- CMOS low illumination 2 MP HD colourful 160 ° fish-eye camera
- Access control function that supports for two locks, Mobile app support, allows the ability to visitors identification and access control remotely
- Compatibility 2-wire Interface & RJ45 Interface
- IK07 & IP65
- Supports H.265
- PoE
- 2.5D screen glass
- 7" TFT capacitive touch screen
- 6-channel alarm input and 1-channel alarm output
- Supports standard PoE OR power over 2-wire switch
- H.265 video coding (H.264 by default)
- Supports 2-wire digital communication
- Supports daisy chain topology
- Supports 10-level cascade through the 2-wire port
- Supports connecting to 20 devices
- Supports guide rail mount

Video Intercom Kit

KTA02



- 7" TFT screen
- Video intercom function: Unlock, voice call, video call, volume adjustment
- Quantity of video intercom: 2 door stations + 3 indoor monitors
- Multiple bell sounds
- Supports digital wide dynamic range (DWDR)

Video intercom Kit

KTA02M



- 7" TFT screen
- Video intercom function: Unlock, voice call, video call, volume adjustment, doorway monitoring
- System capacity: 2 door stations + 3 indoor monitors
- Multiple bell sounds
- Supports digital wide dynamic range (DWDR)

Video Intercom Kit

KTA03M



- 7" TFT screen
- Video intercom function: Unlock, voice call, video call, volume adjustment, doorway monitoring
- System capacity: 2 door stations + 3 indoor monitors
- Multiple bell sounds
- Supports digital wide dynamic range (DWDR)
- Take snapshots

Video Intercom Kit

KTA03



- 7" TFT screen
- Video intercom function: Unlock, voice call, video call, volume adjustment, doorway monitoring
- System capacity: 2 door stations + 3 indoor monitors
- Multiple bell sounds
- Supports digital wide dynamic range (DWDR)
- Take snapshots

Master Station

Master Station

VT5A40B



- Highly convenient, it has a 10-inch glass touch screen with a 1024 (H) × 600 (V) resolution and supports speaker phone and handsets
- Supports desk mount installation, bracket can be adjusted from 0 ° to 45 °
- Offers HDMI output with a resolution up to 1024 (H) × 600 (V)
- The intercom can be used in residential and business applications
- Building intercom: Doors can be remotely unlocked during monitoring and while the intercom is in use
- Features two-way talk for indoor monitors and door stations
- Monitors 4 channel door stations and IPCs at the same time
- Records videos, takes snapshots and stores information on SD cards during monitoring and while the intercom is in use
- Industry intercom: 300 IP VTAs can be connected to the master station
- Supports two-way talk with emergency phone terminals and emergency phone terminal stations
- Monitors 4 channel door stations and IPCs at the same time
- Records videos, takes snapshots and stores information on SD cards while the emergency phone terminal and emergency terminal station are performing monitoring and using the intercom
- Offers two-way talk between stations

Intercom Accessories

Access Control Extension Module

DEE1010B



- Aesthetically pleasing appearance
- Easy connection
- Access control function extension

2-wire Switch

VTNS2003B-2-A



- Supports 10-level cascade through the 2-wire port
- Supports connecting to 20 indoor monitors and 2 door stations
- Supports connecting through RJ45 port

Surface Mounting Plate for VTO65/75 Series Door Station

VTM130



- For DHI-VTO65/75 Series Door Station

VTM08R Rain Cover

VTM08R



- Surface-mounted rain cover for VTO3221E-P

VTM05R Rain Cover

VTM05R



- Surface-mounted rain cover for VTO2202F-P-S2

Flush Mount Plate of 8-Inch Face Recognition Outdoor Station

VTM121



- For DHI-VTO65/75 Series Door Station
- Flush Mount

VTM116-01+Flush mounted box

VTM116-01



- For DHI-VTO6221E-P/DHI-VTO 3221E-P
- Material: ADC12
- Dimensions (front): 138.0 mm × 240.0 mm × 35.0 mm (5.43" × 9.45" × 1.38")
- Dimensions (rear): 120.8 mm × 222.7 mm × 33.0 mm (4.76" × 8.77" × 1.30")
- Wall opening dimensions: 120.8 mm × 222.7 mm × 33.0mm (4.76" × 8.77" × 1.30")

VTM114+Flush Mounted Box

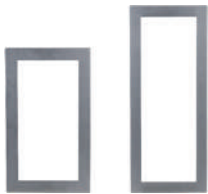
VTM114



- For DHI-VTO2202F-P/DHI-KTP01(F)
- Material: ADC12
- Dimensions (front): 128.9 mm × 162.9 mm × 34.5 mm (5.08" × 6.42" × 1.36")
- Dimensions (rear): 123.0 mm × 157.0 mm × 35.0 mm (4.84" × 6.18" × 1.38")
- Wall opening dimensions: >113.0 mm × 149.0 mm × 35.0 mm (4.45" × 5.87" × 1.38") <123.0 mm × 157.0 mm × 35.0 mm (4.84" × 6.18" × 1.38")

Panel

VTM125/VTM126



- For DHI-VTO4202F-X

Mount Box

VTM127/VTM128



- 2-modular/3-modular mounting box, used with VTM125, and suitable for VTO4202F-X series

Desktop Mounted Bracket

VTM59D

VTM60D



Desktop Support

- Made from aluminium alloy and features paint coating on the surface
- Matches 7" indoor monitor / Matches 10" indoor monitor
- Supports indoor monitors of multiple models, including model D, E, F, G, H, and K

Swing Turnstile

ASGB6XXX-X



- Barriers will be closed automatically if no one entered the turnstile after the identity is verified
- Parameters can be restored to default settings
- The lock and unlock of barriers can be controlled by a remote controller (optional)
- Supports second unlock and memory mode
- 4 types of security settings
- When receiving fire alarm signals, the turnstile will be normally open
- Supports mechanical anti-pinch and IR anti-pinch, anti-collision
- Supports sound and light alarm, volume adjustment and various audio choices
- 9 passing modes: Pass with identity verified, not allowed to pass, and pass without restrictions, and you can use the three modes in any combination
- Unlock and lock speed, pass duration, and lock delay duration are adjustable
- Supports intrusion alarm (entering and exiting), trailing alarm, stay overtime alarm, climbing turnstile alarm, unlock anomaly alarm, barrier anomaly alarm, IR anomaly alarm, communication anomaly alarm, and more
- Supports integration of face, fingerprint, QR code, CPU card reader/ID card reader module and more to achieve a combination of multiple authentication methods

AC Terminals

Dahua Face Recognition Access Controller

ASI7214S-W



- 7" LCD with a resolution of 1024 × 600
- The 2 MP dual-lens CMOS camera and high-performance image sensor ensure accurate recognition even in poor lighting and dark locations that lack illumination
- Features auto illumination to effectively reduce light pollution
- Supports 50,000 users (up to 50 administrators), 50,000 faces, 50,000 passwords, 100,000 cards, 10,000 fingerprints and 300,000 records
- Multiple unlock methods including face, IC card, password, fingerprint and QR code. You can also combine them to create your own personal unlock methods
- Displays the face bounding box and detects the face that occupies the most pixels in real time. You can also set target face filtering by configuring the face pixel threshold
- Features face mask detection and safety helmet detection
- Liveness detection is used to detect spoof attempt, such as using a photo or video to gain access
- Offers multiple types of alarms such as duress, tamper, intrusion, unlock timeout, and excessive use of illegal card and password
- Recognises up to 6 faces at the same time
- Connects to DSS Pro and SmartPSS Lite

Face Recognition Access Controller

ASI6214S-PW



- 4.3 inch glass touch screen with a resolution of 272 × 480
- 2 MP wide-angle dual-lens camera with IR illumination and DWDR
- Multiple unlock methods including fingerprint, face, IC card and password
- Supports 6,000 users, 6,000 faces, 6,000 passwords, 6,000 fingerprints, 10,000 cards, 50 administrators, and 300,000 records
- Recognises faces 0.3 m to 1.5 m away (0.98 ft-4.92 ft); face recognition accuracy rate of 99.9% and the 1:N comparison time is 0.2 s per person
- Supports improved security and to protect against the device being forcefully opened, security module expansion is supported
- Features face mask detection and safety helmet detection
- Supports visitor QR code and doorbell function
- Supports making video calls and using the app to receive alarm notifications, remotely unlock doors and to perform other tasks
- TCP/IP and Wi-Fi connection
- PoE power supply
- IP65 rated

Face Recognition Access Controller

ASI3213A-W



- 4.3 inch glass touch screen with a resolution of 480 × 272
- 2 MP wide-angle dual-lens camera with IR illumination and DWDR
- Multiple unlock methods including face and password. You can also combine them to create your own personal unlock methods
- Supports mask detection
- Supports visitor QR code with DSS Pro Platform
- Recognizes faces 0.3 m to 1.5 m away (0.98 ft-4.92 ft)
- Supports 3,000 users, 3,000 faces, 3,000 passwords, 5,000 cards, 50 administrators, and 300,000 records
- Liveness detection has a face recognition accuracy rate of 99.9% and the 1:N comparison time is 0.2 s per person
- Supports making video calls and using the app to receive alarm notifications, remotely unlock doors and to perform other tasks
- Supports customisation of voice prompts

Dahua Single Door IC Card, Password, Fingerprint Access Standalone

ASI2212J-PW



- 2.4" TFT display screen with a resolution of 240 × 320
- Audio prompt
- Supports 30,000 users, 30,000 cards, 30,000 passwords, 5,000 fingerprints, and 100,000 records
- The security module expansion is supported to enhance security and protect against the device being opened during a power failure
- Fingerprint/card/remote/password unlock and unlock through their combinations
- Supports duress alarm, tamper alarm, intrusion alarm, door contact timeout alarm, illegal card exceeding threshold alarm, illegal password exceeding threshold alarm and external alarm
- Supports guest users, patrol users, blocklist users, VIP users, general users, and others
- TCP/IP and Wi-Fi communication; auto registration, P2P registration, and DHCP
- Supports online update and USB update
- Supports PoE to provide power to the access controller, and the access controller provides power to both a card reader (12 V 200 mA at most) and an electromagnetic lock (12 V, 500 mA at most)

Web Controller

ASC3202B



- Built-in Web server, features main and sub control modes
- The main control mode offers access control Platform functions, can connect with and manage up to 19 sub controllers. The sub-control modes can be added to multiple platforms
- Supports 1000 users (main control mode), 3000 fingerprints, 5000 Bluetooth cards (main control mode) and 300,000 records
- Accesses card readers through Wiegand and RS-485 protocols
- Supports TCP and IP connection, and standard PoE
- Supplies power to the lock through its 12 VDC output power supply, which has a maximum output current of 1000 mA
- Supports configuring the hardware I/O port and exporting configuration diagrams
- Retains stored data even while powered off
- Role management
- Supports multiple advanced access control functions, such as first-person unlock, multi-person unlock, global anti-passback, global multi-door interlock and global external alarm

4 Door One-way Access Controller

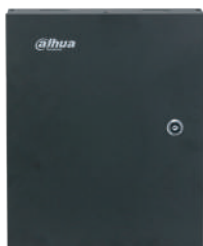
ASC2204B-S



- Supports TCP/IP communication
- Two dual communication protocols: RS-485 and Wiegand (W26 and W34)
- Holds 100,000 users and stores 500,000 card swiping records
- Supports interlock, group combination, anti-passback, remote unlock, and more
- Supports card reader tamper alarm, intrusion alarm, door sensor timeout alarm, duress alarm, illegal card exceeding threshold alarm, and incorrect password alarm
- Built-in RTC, supports manual time synchronisation and auto time synchronisation
- Supports power-off memory protection and online upgrade
- Supports watchdog (a device that protects a system from software or hardware failures)
- Supports PoE power supply

Access Controller

ASC2204C-D



- TCP/IP communication
- Two communication protocols: RS-485 and Wiegand
- Supports storing 100,000 user and 500,000 card-swiping records
- Supports multi-door interlock, multi-user unlock, anti-passback, and remote unlock
- Supports reader tamper alarm, intrusion alarm, unlocking timeout alarm, duress alarm, invalid card exceeding threshold alarm, and incorrect password alarm
- Supports built-in RTC, manual time fixing, and automatic time fixing
- Data can be saved permanently in case of power failure; supports online upgrade
- Power supply through storage battery
- Supports watchdog mechanism to ensure the operation stability

Bluetooth card Reader

ASR2200A-B



- PC material, tempered glass panel and IP66, suitable for indoor and outdoor use
- Contactless card reading for IC cards (Mifare cards)
- Unlock through card swiping and Bluetooth
- Communicates through the RS-485 port, Wiegand port, and Bluetooth.
- Prompts using the buzzer and indicator light
- Supports anti-tampering alarm
- The built-in watchdog program can detect and control the abnormal operation status of the equipment and perform recovery processing to ensure the long-term operation of the equipment
- All the connection ports have over-current and over-voltage protection
- Works with the DMSS mobile client

Access Reader

ASR2101H/ DHI-ASR2101H-D



- Card unlock and password unlock
- RS-485 and Wiegand 34 communication (Wiegand 26 can be configured).
- Prompts using the buzzer and indicator light
- Tamper alarm
- Watchdog monitors and controls the device when it behaves
- All the connection ports have over-current and over-voltage protection
- IP66 rated

Access Reader

ASR2100H/DHI-ASR2100H-D



- Card unlock
- RS-485 and Wiegand 34 communication (Wiegand 26 can be configured).
- Prompts using the buzzer and indicator light
- Tamper alarm
- Watchdog monitors and controls the device when it behaves abnormally, performing recoveries when necessary to ensure the long-term operation of the device
- All the connection ports have over-current and over-voltage protection.
- IP66 rated

Slim Water-proof RFID Reader

ASR2200A/ASR2200A-D



- Supports RS485, Wiegand 34 protocol (Wiegand 26 optional)
- 13.56 MHz (Mifare)
- 125 kHz (EM-ID)
- Red and blue LEDs
- Water-proof (outdoor use)
- Surface/flush mounted installation
- Watchdog function ensures device free from halting

RFID Reader

ASR2101A-ME



- Supports RS485, Wiegand 34 protocol (Wiegand 26 optional)
- 13.56 MHz (Mifare)
- 125 kHz (EM-ID)
- Red and green LEDs
- Beep buzzer and LED indicator
- Surface mounted installation
- Sensitive touch keypad with blue backlight
- Watchdog function ensure device free from halting

Vandal-proof RFID Reader

ASR2100A-ME



- Supports RS485, Wiegand 34 protocol (Wiegand 26 optional)
- 13.56 MHz (Mifare)
- 125 kHz (EM-ID)
- Red and green indicator LEDs
- Surface mounted installation
- All-metal buttons with blue backlight
- Watchdog function ensure device free from halting

Fingerprint RFID Reader

ASR2102A/ASR2102A-D



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

Slim Water-proof RFID Reader

ASR2201A/ASR2201A-D



- Supports RS485, Wiegand 34 protocol (Wiegand 26 optional)
- 13.56 MHz (Mifare)
- 125 kHz (EM-ID)
- Red and blue LEDs
- Waterproof (outdoor use)
- Surface/flush mounted installation
- Watchdog function ensure device free from halting

Easy-to-Use and Reliable VMS

DSS Express



Easy to Use

- Integrates all the management operations in the client
- Auto search to add devices quickly in LAN

High Flexibility

- Benefits from vector icon for different resolution display
- GPU decoding to monitor more HD cameras

High Stability

- Backup automatically and restore manually in case data lose in abnormal situation
- Locks the record to keep evidence in case that it could be rewritten

Comprehensive and Expandable Dahua VMS

DSS Pro



Easy Expansion

- Easy performance upgrade via distributed hardware extension
- Easy multi-site management through cascading
- Easy function upgrade via add-ons

High Reliability

- Back up and restore database
- Supports hot standby for master server
- Supports N + M redundancy

High Compatibility

- Dahua devices: Network camera, network speed dome, decoder, NVR, DVR, ANPR, access control device, VDP, alarm controller, etc
- Connect third-party devices via standard ONVIF protocol
- DSS Pro SDK for third-party platform or mobile development

A Powerful Surveillance System

DSS7016D-S2



Easy Expansion

- 3.5" chassis with up to 15 hot-swapping hard drives and extends storage through iSCSI
- Up to 1,000 video channels per server and the number can be larger with distributed deployment

High Reliability

- Hot standby application of two servers ensures 24/7 stable operation
- N+M distributed deployment ensures 24/7 stable operation

High Compatibility

- Dahua devices: Network camera, network speed dome, decoder, NVR, DVR, ANPR, access control device, VDP, and alarm controller
- Connect third-party devices through standard ONVIF protocol



Invisible Connection Tangible Protection

Dahua AirShield Wireless Security System



- Easy installation and maintenance with advanced, reliable and low-power RF communication technology.
- Remotely manage your security system via user-friendly mobile apps: DMSS (for end users) and DoLynk Care (for installers)
- Innovative interconnection with Dahua NVR and Android VTH via LAN, realizes various linkage features and maximizes value at a lower cost.



Alarm Hub

ARC3000H-FW2



- Supports 150 wireless peripherals (6 sirens, 64 wireless keyfobs)
- Peripherals status display (signal strength, battery level, temperature, program version)
- Wired, Wi-Fi, 4G, 3G or GPRS network connection
- Dual SIM and single standby
- Automatic network replenishment (ANR)
- Video linkage on App
- Frequency hopping function and two-way communication technology ensure communication stability
- Cloud update and automatic recovery from update failure

Wireless PIR Detector

ARD1233-W2



- Pet immunity function
- Auto temperature compensation
- 3-level sensitivity adjustment
- Low battery alarm
- Anti-tampering
- Temperature measurement
- Frequency hopping function and two-way communication technology ensure communication stability
- Cloud update and automatic recovery from update failure

Wireless Door Detector Plus

ARD324-W2(S)



- Displays the temperature of the surrounding environment and supports the overheating alarm
- Frequency hopping and two-way communication technology ensure that communication is stable
- Supports cloud update and automatically restores when cloud update fails
- Supports jamming detection and communication encryption
- Supports tilt and shock detection, and generates alarms when the event happens

Wireless Keyfob

ARA24-W2



- SOS emergency call
- Frequency hopping function and two-way communication technology ensure communication stability
- Cloud update and automatic recovery from update failure

Wireless PIR-Camera

ARD1731-W2



- Maximum resolution 1600 x 1200
- Based on the RF-HD image transmission technology, transmission of 6 HD images with resolution of 1600 x 1200 needs up to 10 seconds
- One-week cloud cache for videos and images
- Temperature monitoring
- Offers frequency hopping and two-way communication technology, ensuring stable and reliable communication
- Cloud update and automatic recovery from update failure

Wireless Water Leak Detector

ARD912-W2



- Frequency hopping and two-way communication technology ensure that communication is stable
- Supports jamming detection and communication encryption
- Supports cloud update and automatically restores when cloud update fails
- Displays the temperature of the surrounding environment and supports the overheating alarm
- Sensitivity adjustment

Wireless Glass Break Detector

ARD512-W2



- Detects when the glass is broken, triggering alarms for different types of glass such as tempered, double-glazed, laminated, wired, plate and float glass
- Detects high and low frequency sounds at the same time, and uses algorithms to reduce the occurrence of false alarms
- Two-channel alarm input
- Cloud update and automatic recovery from update failure
- The two-way wireless encrypted communication mechanism improves the security and stability of communication
- With the wireless frequency hopping mechanism, the device automatically hops to other available frequency bands when the original frequency band is being interfered with by other wireless radios, to ensure communication remains stable

Wireless Relay

ARM7011-W2



- Frequency hopping and two-way communication technology ensure that communication is stable
- Supports jamming detection and communication encryption
- Supports cloud update and automatically restores when cloud update fails
- Overheating protection
- Voltage detection
- 1 channel external tamper input

Wireless WallSwitch

ARM7012-W2



- Frequency hopping and two-way communication technology ensure that communication is stable
- Supports jamming detection and communication encryption
- Supports cloud update and automatically restores when cloud update fails
- Overheat and overload protection
- Monitors voltage, current and energy consumption

Wireless Input Expander

ARM320-W2



- Six types of alarms: Intrusion, medical, fire, emergency, gas, and tamper
- Connects to external power supplies
- Triggers alarms when the device is moved
- Alarms go off when the device overheats
- Cloud update
- The two-way wireless encrypted communication mechanism improves the security and stability of communication
- With the wireless frequency hopping mechanism, the device automatically hops to other available frequency bands when the original frequency band is being interfered with by other wireless radios, to ensure communication remains smooth

Wireless Siren

ARA12-W2



- Signal strength detection
- Low battery alarm
- Temperature measurement
- Low battery alarm
- Temperature measurement
- Frequency hopping function and two-way communication technology
- Cloud update and automatic recovery from update failure

Wireless outdoor siren

ARA13-W2



- IP65 rated
- Outdoor product (-25 °C to +60 °C)
- 12 VDC and battery power supply
- Multiple alarm sounds: Fire, medical, intrusion, panic, and more
- Sound pressure level: 110 dB
- Temperature monitoring
- Frequency hopping and two-way communication
- Cloud update and automatic recovery from update failure

Wireless Keypad

ARK30T-W2



- Supports 3 shortcut alarms: Medical, fire, emergency
- Arm/Disarm with password or IC card
- Supports signal strength detection to select suitable installation sites
- Low battery alarm
- Temperature measurement
- Frequency hopping function and two-way communication
- Cloud update and automatic recovery from update failure

Wireless Panic Button

ARD821-W2



- Two-way RF communication
- Provides multiple LED colours to indicate different statuses
- Cloud update and automatic recovery from update failure
- Offers accidental press prevention
- Battery life up to 5 years if used twice a week
- IP54 rated



New Definition Of Fire Protection In SMB Scenarios

Dahua AI-Fire smoke sensing network cameras, the revolutionary combination of fire alarm and CCTV

Standalone Smoke Alarm HY-SA30A



- Split-spectrum sensor technology
- Test and silence features in one single button
- Loud sound output over 85 dB(A) at 3 metres
- Low quiescent current consumption
- Surface-mount device (SMD) circuit board design
- Low battery warning signal
- Built-in battery, easy installation



Wireless Interconnected Smoke Alarm HY-SA30-R9



- Split-spectrum sensor technology
- Test and silence features in one single button
- Loud sound output over 85 dB(A) at 3 metres
- Low quiescent current consumption
- Surface-mount device (SMD) circuit board design
- Low battery warning signal
- Built-in battery, easy installation
- Silenced by a working infrared remote controller
- Wireless interconnected with maximum of 24 devices



5 MP IR AI-fire Smoke Sensing Network Camera HY-SAV849HA-E



- Remote check based on smoke sensing and video alarm linkage
- Intelligent monitoring: Flame detection
- Split-spectrum smoke chamber and intelligent algorithm effectively eliminate false alarms
- Ultra-low power consumption design allows 3-year operation of smoke sensing module with built-in battery
- Built-in high decibel buzzer, smoke alarm is over 85 dB at 3 metres
- Self-test and low battery warning
- Intelligent compensation algorithm relieves the impact of dust accumulation and environment changing on smoke sensing module
- Insect-proof and dust-proof design for smoke sensing module
- Built-in alarm voices, and user can import custom voices
- 5 MP 1/2.7" CMOS image sensor, low luminance, and high definition image
- H.265 codec, high compression rate, ultra-low bit rate
- Flip mode, WDR, 3D NR, HLC, BLC, digital watermarking, suitable for various surveillance applications
- 2/2 Alarm in/out, 1/1 audio in/out; supports max. 256 GB micro SD card; built-in microphone and speaker
- Flip mode, WDR, 3D NR, HLC, BLC, digital watermarking, suitable for various surveillance applications
- 12 VDC/PoE power supply
- Built-in IR light; the max. IR LEDs Length is 20 m (65 ft)



Wireless Interconnected Carbon Monoxide Alarm

HY-GC20B-R8



- High-performance Figaro electrochemical CO sensor to deliver accurate detection of carbon monoxide leakage and respond quickly
- Long standby time, low power consumption, 7-year battery life
- Three separate LED indicators to provide clear and apparent working status illustration
- Built-in high-volume buzzer with alarm volume 85 dB (A) at 3 m (9.84 ft)
- Supports low battery warning, one-click silence, and self-test
- Peak level display function to inform users extra potential hazards in home
- Informative and easy-to-read CO concentration display in screen
- Wireless interconnected with maximum of 24 devices
- End of life warning: LCD display shows End with the buzzer beeping and LED indicator flashing three times per minute

Standalone Smoke Alarm

HY-SA40A



- Split-spectrum sensor technology
- Test and silence features in one single button, silenced by a working infrared remote controller
- Loud sound output over 85 dB(A) at 3 meters
- Low quiescent current consumption
- Surface-mount device (SMD) circuit board design
- Low battery warning signal
- Sealed lithium battery, easy installation

Wireless Interconnected Smoke Alarm

HY-SA40A-R8



- Split-spectrum sensor technology
- Test and silence features in one single button, silenced by a working infrared remote controller
- Loud sound output over 85 dB(A) at 3 meters
- Low quiescent current consumption
- Surface-mount device (SMD) circuit board design
- Low battery warning signal
- Sealed lithium battery, easy installation
- Wireless interconnected with maximum of 24 devices

Standalone Heat Alarm

HY-HT10A



- Test and silence features in the central push button
- Loud sound output over 85 dB(A) at 3 meters
- Low quiescent current consumption
- Surface-mount device (SMD) circuit board design
- Low battery warning signal
- Class A1 fire detection (54°C to 65°C)

65/75/86 inch Smart interactive whiteboard

LPH65-ST420
LPH75-ST420
LPH86-ST420



- 65/75/86-inch 4K DLED display with Zero Air Gap technology that delivers a clear image in sharp, vivid colours
- Wireless screen sharing from multiple devices with an intuitive, easy-to-use system
- 8 physical front buttons for quick access to functions
- Smooth writing experience, and handwriting recognition
- Quick file sharing by scanning a QR code, with easy file encryption for added privacy and security
- Switches between Android and Windows, and OPS module is optional

65/75/86 inch Smart interactive whiteboard

LPH65-ST470-P
LPH75-ST470-P
LPH86-ST470-P



- 65/75/86-inch 4K DLED display with Zero Air Gap technology that delivers a clear image in sharp, vivid colors
- Wireless screen sharing from multiple devices with an intuitive, easy-to-use system
- 8 physical front buttons for quick access to functions
- Multiple ports and front full-featured Type-C supports 65 W charging
- Smooth writing experience that supports handwriting recognition
- Quick file sharing by scanning a QR code, with easy file encryption for added privacy and security
- Switches between Android and Windows, and OPS module is optional
- Optional USB camera that takes photos in 48 MP resolution

65/75/86 UHD Smart Interactive Whiteboard

LPH65-MT440-C
LPH75-MT440-C
LPH86-MT440-C



- 65/75/86-inch 4K DLED display with Zero Air Gap technology that delivers a clear image in sharp, vivid colours
- Built-in 8 MP camera and microphone array that produces high quality visual and audio communication
- Wireless screen sharing from multiple devices with an intuitive, easy-to-use system
- Pressure and tilt sensitive stylus designed for a smooth, natural writing experience
- Quick file sharing by scanning a QR code, with easy file encryption for added privacy and security
- Optional OPS module, dual-system switchable
- Fingerprint lock for protection of user information

65/75/86/98" DeepHub Pro Smart Interactive Whiteboard

LPH65-MC470-P
LPH75-MC470-P
LPH86-MC470-P
LPH98-MC470-P



- Equipped with Zero Air Gap technology, the 65, 75 and 86 inch 4K DLED display delivers clear images in sharp and vivid colours. The 98-inch display uses full lamination technology
- Built-in AI 4K camera and 8 array microphone that produces excellent quality visual and audio communication
- Wireless screen sharing from multiple devices with an intuitive, easy- to-use system
- Ultra-smooth writing experience with handwriting recognition
- Quick file sharing by scanning a QR code, with easy file encryption for added privacy and security
- Optional OPS module, dual-system switchable
- Fingerprint lock for protection of user information

OPS Detachable PC Module

HMC5100X-H-506B1-W10A-BW



- Supports Intel Open Pluggable Specification China (OPS-C)
- Processor: Intel® Comet Lake Core I5-10400, TDP = 65 W
- Integrated Graphics Card: Intel UHD Graphics 630
- Memory: 1 × 8 GB DDR4
- Storage: 1 × 128 GB M.2 2280 NVMe SSD
- I/O Ports: 1 × JAE 80PIN, 1 x 2.5/5.5 DC IN JACK, 1 × Gigabit Ethernet, 1 × HDMI 1.4, 1 × DP 1.4, 4 × USB 3.0, 2 × USB 2.0, 1 × Type C, 1 × MIC IN, 1 × LINE OUT
- Built-in Wi-Fi: 802.11a/b/g/n/ac
- Bluetooth 5.0

Smart Interactive Whiteboard Mobile Stand (55"–75")

PKC-MS0A



- With its modular design, the mobile stand is both simple and elegant. It was specially built for use with the Smart Interactive Whiteboard

Smart Interactive Whiteboard Mobile Stand (86"–98")

PKC-MS1A



- With its modular design, the mobile stand is both simple and elegant. It was specially built for use with the Smart Interactive Whiteboard

Wireless Screen Sharing Cable

PKP-WP0B



- One-button projection

Smart Interactive Whiteboard Pencil

PKP-IPOA



- Intelligent writing
- 2.4 GHz wireless technology, with a remote control distance of 15 m in open space
- Charging notification with red indicator
- Saves on energy by automatically switching to power saving mode when device is not in use

2MP USB Camera

PKC-UC0A



- Adopts a quality image sensor with an output resolution of 1920 × 1080@30 fps
- Supports multiple video encoding formats including MJPEG, YUY2, H.264 and NV12
- The plug-and-play USB 2.0 port can be used for charging and performing device updates. A clamp is included, and the camera can be easily mounted to the LCD screen, laptop, and desktop, or installed on a tripod

Network Ultra Acrylic AM Antenna

ISC-EAA8-C111-P



- Minimalist frameless design, high transparent acrylic shell, which is beautiful, stylish, durable, solid and easy to install
- Superior detection distance, max. detection distance can be 2.4 metres (pencil tag DHI-ISC-ETA5-T901)
- Excellent anti-interference, continuous working in complex electromagnetic environments
- Built-in 1.3 inch OLED display and WEB interface, convenient configuration.
- Auto/manual adjust phase to effectively handle different kinds of interference
- Alarm volume and alarm tone are both adjustable
- Integrated 5 colours background LED light
- Supports tag too close alert
- The primary and replica antenna are all integrated transceivers, three modes can be selected: RX, TX, TR mode
- The primary antenna can connect up to 2 replica antennas as 1 set system. Multi-system can work together
- Economic operating power consumption, energy-saving and environment-friendly
- CCTV monitoring linkage
- Supports firmware upgrade
- Supports network platforms connection, such as DSS Pro platforms
- Supports cloud services, remote configuration
- Supports multi-language (optional)

Network EAS AM Antenna

ISC-EAA2-C111-P



- Superior detection distance, max. detection distance can be 2.4 metres (pencil tag DHI-ISC-ETA5-T901)
- Excellent anti-interference, continuous working in complex electro magnetic environment
- EBuild-in 1.3 inch OLED display with convenient configuration
- Auto/manual adjust phase to effectively handle different kinds of interference
- Alarm volume and alarm tone are both adjustable
- The primary and replica antenna are all integrated transceivers, three modes can be selected: RX, TX, TR mode
- The primary antenna can connect up to 2 replica antennas as 1 set system. Multi-system can work together
- Stylish and minimalist appearance, beautiful and elegant, high strength plastic shell, solid and easy to install
- Economic operating power consumption, energy-saving and environment-friendly
- Supports firmware upgrade
- CCTV monitoring linkage
- Supports multi-language (optional)
- Supports DSS Pro platforms
- Supports WEB interface
- Supports cloud services, remote configuration

AM Slipper Tag T904

ISC-ETA5-T904



- Environmentally friendly and economical, can be reused after unlocking
- Small and light design, high detection performance
- High detection rate, excellent anti-theft effect
- Lower labor operating costs, widely applicable in merchandising shops
- Powerful locking mechanism, effectively preventing man-made damage

Sunk Detacher

ISC-ED0001



- Adapt to most magnetic unlock EAS Labels
- Elaborately appearance and super magnetic force, make this operation convenient
- Minimalist design and embedded installation make the counter neat and beautiful
- Strong and durable shell material protects the core magnetic material in all directions

AM Label R003C-B Black

ISC-ETA1-R003C-B



- Easy to use, suitable for most commodities
- Small in size, able to provide concealed protection
- Adopts self-adhesive process, which has good adhesion and less residual adhesive

AM Label R001

ISC-ETA1-R001



- Easy to use, suitable for most commodities
- Small in size, able to provide concealed protection
- Adopts self-adhesive process, which has good adhesion and less residual adhesive

EV

22kW Electric Vehicle Charger

ITSDY-5201-22



- 7-inch LCD display
- 3 charging methods: Free vending (plug and play), RFID control, and app control
- Supports OCPP 1.6J and ModBus TCP
- Working temperature: $-30\text{ }^{\circ}\text{C}$ to $+65\text{ }^{\circ}\text{C}$ ($-22\text{ }^{\circ}\text{F}$ to $+149\text{ }^{\circ}\text{F}$)
- Integral 30 mA Type A and DC 6 mA RCD function protection, and supports PEN protection
- IP65, and IK10 without LCD display, IK08 for all
- 3 year warranty



7kW Electric Vehicle Charger

ITSDY-5101-07



- 3.5-inch LCD display
- 3 charging methods: Free vending (plug and play), RFID control, and app control
- Supports OCPP 1.6J and ModBus TCP
- Working temperature: $-30\text{ }^{\circ}\text{C}$ to $+65\text{ }^{\circ}\text{C}$ ($-22\text{ }^{\circ}\text{F}$ to $+149\text{ }^{\circ}\text{F}$)
- DC 6 mA RCD function protection
- IP65 and IK10 rated
- 3 year warranty



Thermal Network Mini Hybrid Bullet Camera

TPC-BF1241-T-S2



- Vanadium oxide uncooled focal plane detector
- 4Megapixel progressive scan CMOS
- AI functions: heat detection, tripwire, human/vehicle classification, smoking detection, and call detection
- Temperature measurement range of $-20\text{ }^{\circ}\text{C}$ to $+550\text{ }^{\circ}\text{C}$
- Flexible rules and alarms
- Remote auxiliary management
- Dual image fusion (visible and thermal channels)
- Wide input voltage $12\text{ VDC} \pm 20\%$, and PoE
- IP67 rated

Thermal Network Mini Hybrid Eyeball Camera

TPC-DF1241-T-S2



- Vanadium oxide uncooled focal plane detector
- 4Megapixel progressive scan CMOS
- AI functions: heat detection, tripwire, human/vehicle classification, smoking detection, and call detection
- Temperature measurement range of $-20\text{ }^{\circ}\text{C}$ to $+550\text{ }^{\circ}\text{C}$
- Flexible rules and alarms
- Remote auxiliary management
- Dual image fusion (visible and thermal channels)
- Wide input voltage $12\text{ VDC} \pm 20\%$, and PoE
- IP67 rated

Thermal Network Mini Hybrid Eyeball Camera

TPC-DF1241-S2



- Vanadium oxide uncooled focal plane detector
- 4Megapixel progressive scan CMOS
- AI functions: heat detection, tripwire, human/vehicle classification, smoking detection, and call detection
- Remote auxiliary management
- Dual image fusion (visible and thermal channels)
- Wide input voltage $12\text{ VDC} \pm 20\%$, and PoE
- IP67 rated

Thermal Network Mini Hybrid Bullet Camera

TPC-BF1241-S2



- Vanadium oxide uncooled focal plane detector
- 4Megapixel progressive scan CMOS
- AI functions: heat detection, tripwire, human/vehicle classification, smoking detection, and call detection
- Remote auxiliary management
- Dual image fusion (visible and thermal channels)
- Wide input voltage $12\text{ VDC} \pm 20\%$, and PoE
- IP67 rated

Thermal Network Hybrid Bullet Camera

TPC-BF5441-T



- Vanadium oxide uncooled focal plane detector
- $1/1.8''$ 4Megapixel progressive scan CMOS
- Heat detection and alarm, tripwire, intrusion, and target filtering
- Junction box optional
- Illumination distance is up to 80 m
- IP67 rated
- Wide input voltage $12\text{ VDC} \pm 20\%$, and PoE power supply
- Smart linkage of white light and audio
- Temperature measurement range of $-20\text{ }^{\circ}\text{C}$ to $+550\text{ }^{\circ}\text{C}$

Thermal Hybrid Speed Dome Camera

TPC-SD5441-T



- Vanadium oxide uncooled focal plane detector
- 4Megapixel progressive scan CMOS
- Visible lens offers 45× optical zoom
- AI functions: boat detection, heat detection, tripwire, intrusion, and human/-vehicle classification
- Temperature measurement range of $-20\text{ }^{\circ}\text{C}$ to $+550\text{ }^{\circ}\text{C}$
- Maximum IR illumination distance is 100 m
- Dual image fusion (visible and thermal images)
- Pan: 0° to 360° , tilt: -10° to $+90^{\circ}$
- Wide input voltage 36 VDC \pm 50%, and Hi-PoE
- IP66 rated

Dahua Thermal Network Hybrid Compact Camera

TPC-KF2241-T



- Vanadium oxide uncooled focal plane detector
- 4Megapixel progressive scan CMOS
- Ultra wide-angle lens
- Built-in white light
- Temperature measurement range of $-20\text{ }^{\circ}\text{C}$ to $+550\text{ }^{\circ}\text{C}$
- Magnet mount to power distribution cabinet
- IP67 rated
- Supports surge protection of 6 kV, air discharge of 15 kV, and contact discharge of 8 kV

Thermal Network Hybrid Pan & Tilt Camera

TPC-PT8621A-T



- 640×512 uncooled VOx thermal sensor technology
- Athermalized lens (thermal), focus-free
- 1/2.8" 2 megapixel progressive scan CMOS
- Support temperature measurement
- Support detection and alarm of fire
- Max $140^{\circ}/\text{s}$ pan speed, 360° endless pan rotation
- Up to 300 presets, 5 auto scan, 8 tour, 5 pattern
- 7/2 alarm in/out
- Micro SD memory, IP66

Thermal Monocular Camera

TPC-M20



- Vanadium oxide uncooled focal plane detector
- Ultra-low power consumption
- Fire detection and alarm
- Connects to the mobile app through Wi-Fi
- Connects to the external display through the CVBS port
- Provides a laser for aiming
- Calculates distance using video analysis
- Lightweight and portable
- IP67 rated

Successful Case

ST MARYS FREIGHT HUB (NSW)

Project Description

St Marys Freight Hub has been built in an industrial zoned area, beside Dunheved Business Park, on a site located between the railway line, Lee Holm Road, Forrester Road and Christie Street. The development covers approximately 10 hectares of the 43-hectare Pacific National site. Containerized freight now moves via rail from Port Botany to St Marys saving tens of thousands of truck kilometers annually. With the amount of assets to be moved via this new hub it presented a new security challenge that was met and solved with Dahua CCTV technology. A leading Australian System Integrator working with the guidance of Dahua Solution Engineers took on the challenge and provided a surveillance solution utilising state of the art CCTV technology.



Challenges

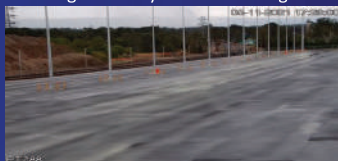
- Large coverage: The project covers an area of 10 hectares, and there are heaps of wide areas that need to be monitored and secured;
- Perimeter protection: Since the monitoring point involves the train line and belongs to the control areas, it is necessary to prevent personnel from approaching the dangerous area; To get more details of the objects, the system need to capture the personnel and objects details for further analysis.
- Long monitoring distance: For important security areas such as dispatch centers, intelligent tracking and monitoring of approaching personnel is required;
- Container Stay: Some logistic company may not pickup the container time or leave the goods by carelessness.

Solution Highlights

Enhanced coverage and perimeter: Wizmind 5 series cameras can provide stable ultra-high-definition surveillance images in low light conditions, and AI algorithms such as tripwire, intrusion, fast movement, stay, and gathering are used to accurately detect vehicles and face detection. Customers can quickly take actions on the defined targets, realize accurate alarms for people and vehicles, quickly search for targets, maximize the use of resources, and improve overall efficiency. Also customer can easily monitor the abandoned objects and remind the logistic to pick up the goods in time.



Wide-area coverage and excellent details: WizSense PTZ cameras can monitor a wide range of monitoring areas, driven by AI chips and deep learning algorithms. Provides a variety of functions to realize perimeter arming, automatic tracking, face detection and intelligent analysis of Metadata. At the same time, WizSense provides simple configuration to provide customers with monitoring efficiency while achieving the balance between performance and cost,



Integrated management of monitoring and alarming: Through the construction of the monitoring centre, customers can retrieve the monitored images of various points on the sites in real time, and query the video for analysis and comparison; process the existing system alarms and schedule management personnel. Through advanced SMD algorithms, Dahua cameras reduce the false alarm rate, improve management efficiency and save labour costs



Summary

- ❑ The design of this scheme is highly replicable and is suitable for most Australian warehousing, transportation and mining industries.
- ❑ These projects demonstrate the reliability of Dahua product quality, the richness of product lines and the recognition accuracy of intelligent algorithms.
- ❑ The unremitting efforts and joint efforts of the Australia team have conveyed Dahua's "customer-centric" concept to customers, and created value for customers efficiently and continuously.



Successful Case

CHICKEN FARM (VIC)



Project Description

Chicken farm is the largest integrated poultry producer across Australia and New Zealand, supplying chicken, turkey and plant based protein products into retail, quick service restaurants, food service distributors, wholesale and export channels. They are also one of the largest producers of stock feed in Australia. Chicken farm has an unrivaled network of processing and distribution facilities across Australia and New Zealand enabling a rapid response to customer demand and efficient management of production volumes that they produce from each plant it presented a new security challenge that was met and solved with Dahua CCTV technology. A leading Australian System Integrator working with the guidance of Dahua Solution Engineers took on the challenge and provided a surveillance solution utilising state of the art CCTV technology.



Challenges

- Large coverage: The project covers an area of around 5,800 square metres, and there are a number of wide areas that need to be monitored and secured.
- Secure Entry: This is a highly secure zone, ensuring all human and vehicle access is monitored. At each entry point they use Dahua VDP Outdoor stations to cater to all types of vehicles (cars and trucks).
- Perimeter protection: Since the monitoring point involves the entire parameter, it is necessary to prevent unauthorised persons or vehicles from approaching the secure area; to provide real time alerts to the Control centre as well as to analyse further.
- Long monitoring distance: For important security areas such as dispatch centers, intelligent monitoring such as Tripwire or Intrusion of approaching personnel is required.

Solution Highlights

Enhanced coverage and perimeter: WizSense 3 series 6 MP IP cameras to capture the secure area, can provide stable ultra-high-definition surveillance images in low light conditions and AI algorithms such as Intelligent detection: Intrusion, tripwire. It supports the classification and accurate detection of vehicles and humans. Customers can quickly take actions on the defined targets, realize accurate alarms for people and vehicles, quickly search for targets, maximise the use of resources, and improve overall efficiency.

Wide-area coverage and excellent details: Lite Series 8 MP Bullet cameras with optical zooming lens can monitor a wide range of monitoring areas, driven by low illuminance, high image definition with the maximum illumination distance of 60m to cover the long fence at night time. This also provides a variety of functions to realise perimeter arming and intelligent analysis. At the same time, WizSense provides simple configuration to provide customers with monitoring efficiency while achieving the balance between performance and cost.



Video intercom function & Access control function: Dahua VTO2 Series: DHI-VTO2202F-P-S2 VDP that supports two locks · Mobile phone app, talk to the visitor or unlock the door remotely on your phone · Compatible with 2-wire interface & RJ45 interface, IK07&IP65. 2 Series Touch screen VTH monitor at Control room/Operational office to answer the video call of the visitor and provide access to the visitor.



Integrated management of monitoring and alarming: Through the Monitoring centre, customers can retrieve the monitored images of various points on the sites in real time, and query the video for analysis and comparison; process any existing system alarms and schedule management personnel. Through advanced SMD 3.0 algorithm, Dahua cameras can effectively reduce the false alarm rate, improve management efficiency and save labor costs for customers.

Solution

- These projects demonstrate the reliability of Dahua product quality, the richness of product lines and the recognition accuracy of intelligent algorithms.
- Intelligent visitors' management: Intelligent access control is linked with CCTV, which restricts the entry and exit of unauthorised persons. Authorised persons can enter and exit by swiping cards or ringing the monitoring room/operational room or Mobile phone app, talk to the visitor or unlock the door/Gate remotely. Visitors can pre-register their visit and make reservations prior to their visit, which improves the security, safety and convenience of the visitor.
- The unremitting efforts and joint efforts of the team in Australia have conveyed Dahua's "customer-centric" concept to customers, and created value for customers efficiently and continuously

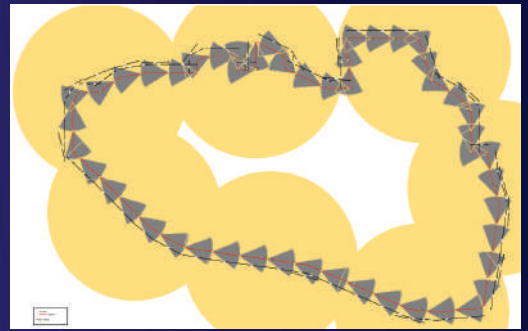
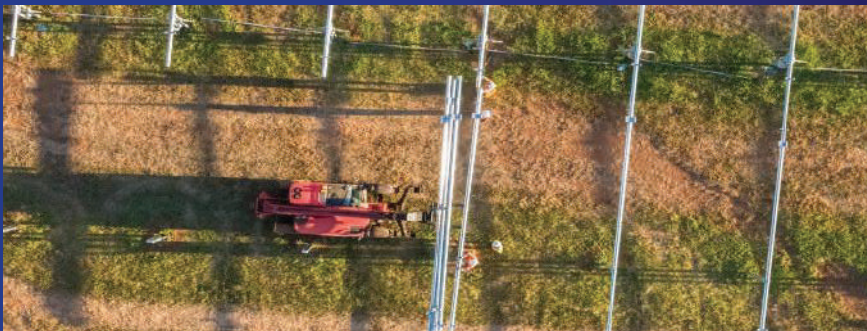
Successful Case

SOLAR FARM (VIC)



Project Description

Solar Farm as part of the global shift toward clean, sustainable energy, Mytilineos is constructing and managing a solar farm that will produce about 176 watt of energy of converting energy from the sun to electricity through the use of photovoltaic modules (solar panels). Situated Woolooga in New South Wales and occupying 200 hectares of land, the Woolooga Solar Farm will generate enough electricity to power 63,150 Australian homes. This is the first stage known as Woolooga 1 and there is similar another second stage, Woolooga 2 (Lower Wonga, Queensland) project under the same company in a different location, that will be completed in two-month time. With the amount of green energy that generated from this particular plant it presented a new security challenge that was met and solved with Dahua CCTV technology. A leading Australian System Integrator working with the guidance of Dahua Solution Engineers took on the challenge and provided a surveillance solution utilising state of the art CCTV technology.



Challenges

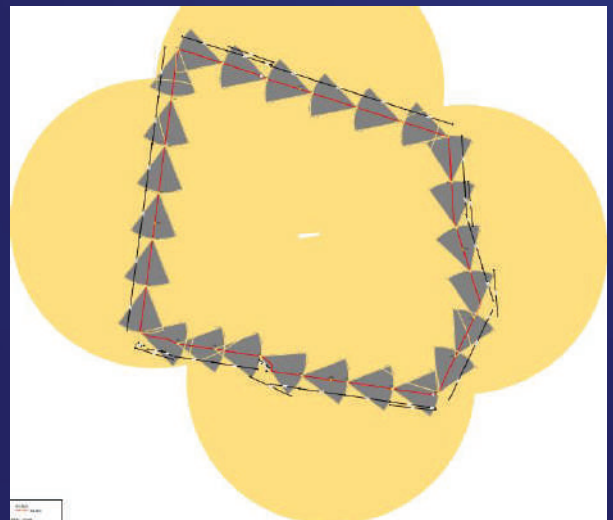
- Large coverage: The project covers an area of 10 hectares, and there are a number of wide areas that need to be monitored and secured.
- Perimeter protection: Since the monitoring point involves the entire parameter, it is necessary to prevent unauthorised persons or vehicles from approaching the secure area; To provide real time alerts to the Control centre as well as to analyse further.
- Long monitoring distance: For important security areas such as dispatch centers, intelligent monitoring such as Tripwire or Intrusion of approaching personnel is required.

Solution Highlights

Enhanced coverage and perimeter: Wizmind 5 series cameras can provide stable ultra-high-definition surveillance images in low light conditions and AI algorithms such as tripwire, intrusion, fast movement, stay, and gathering are used to accurately detect human and vehicle activity. Customers can quickly take actions on the defined targets, realize accurate alarms for people and vehicles, quickly search for targets, maximize the use of resources, and improve overall efficiency

Wide-area coverage and excellent details: WizSense bullet cameras can monitor a wide range of monitoring areas, driven by AI chips and deep learning algorithms as well as long range Built-in IR LED, with the maximum illumination distance of 180m enabling to cover the long fence at night time. Provides a variety of functions to realize perimeter arming and intelligent analysis. At the same time, WizSense provides simple configuration to provide customers with monitoring efficiency while achieving the balance between performance and cost.

Integrated management of monitoring and alarming: Through the monitoring centre, customers can retrieve the monitored images of various points on the sites in real time, and query the video for analysis and comparison; process the any existing system alarms and schedule management personnel. Through advanced SMD 3.0 algorithm, Dahua cameras can effectively reduce the false alarm rate, improve management efficiency and save labor costs for customers.



Solution

- The design of this scheme is highly replicable and is suitable for most sustainable energy solar farm projects.
- These projects demonstrate the reliability of Dahua product quality, the richness of product lines and the recognition accuracy of intelligent algorithms.
- The unremitting efforts and joint efforts of the team in Australia have conveyed Dahua's "customer-centric" concept to customers, and created value for customers efficiently and continuously.

Successful Case

Melbourne CBD Project

Challenges

- **Centralize management for all building** : Building Management wish to monitoring all four towers device status from one place.
- **Intercom System Upgrade** : Upgrading method
- **Lift controller Upgrade** : Compliant with existing access control system

Solution Highlights

- **Centralize management for all building** : Deploy a DSS7016 as SIP server for each building, supports online centralize management and monitoring intercom device from DSS Pro Platform. Provides better work efficiency to the building management team and saving labor cost on maintenance team.
- **Intercom System Upgrade** : Direct on-site technical support, customize firmware for VTH and VTO, achieved control lift without ASC unit. Cost saving on hardware.
- **Lift controller Upgrade** : Physical connection to existing third party access control system. No impact on lift operation when VTM offline. Prevent unauthorised person entry floors. Provides a safer living experience for the residents.



Summary

- ❑ Far East Consortium has been developing Australia's urban skylines for over 25 years, focusing on landmark urban renewal redevelopment valued at several billion dollars. They have a great building development scope in Australia. It would also be very helpful for other similar project internationally.
- ❑ The solution of the scheme has strong promotion and replication, and is suitable for most Australian residential apartment.

Successful Case

Melbourne CBD Project

Device List

Model Number	Product Description	Quantity
DHI-VTH2421	LCD Monitor Station (No Camera) - Black Color	2196
DHI-VTO6521K	Door Station 1377799_TEMP_VTO6XX1K_Eng_PN_SIP_V4.5 11.18HE000.O.R.220915	12
VTM57R	Outdoor Station Mounts (proud)	12
DHI-VTM416	Lift controller 1645748_Customer_VTM416_Eng_MCU_V1.00 0.150I000.O.R.211209	48
DHI-DSS7016D-S2	DSS SIP Server	4
DH-PFS4226-24GT-360	26-Port Gigabit Smart Managed PoE Switch with 26 RJ45 and 2 SFP	105

INVISIBLE CONNECTION, TANGIBLE PROTECTION

Dahua Smart Home Solution



Overview

Dahua smart home solution includes CCTV system, intercom and wireless alarm. On the VTH, users can arm/disarm the alarm system, receive alarm events, and view device status. Using the NVR, users can configure various linkage rules to realize alarm-video linkage, IPC-siren alarm, and arming/disarming of the alarm system linked to the NVR. You can use the same mobile app to manage CCTV, alarm, VDP and other security.

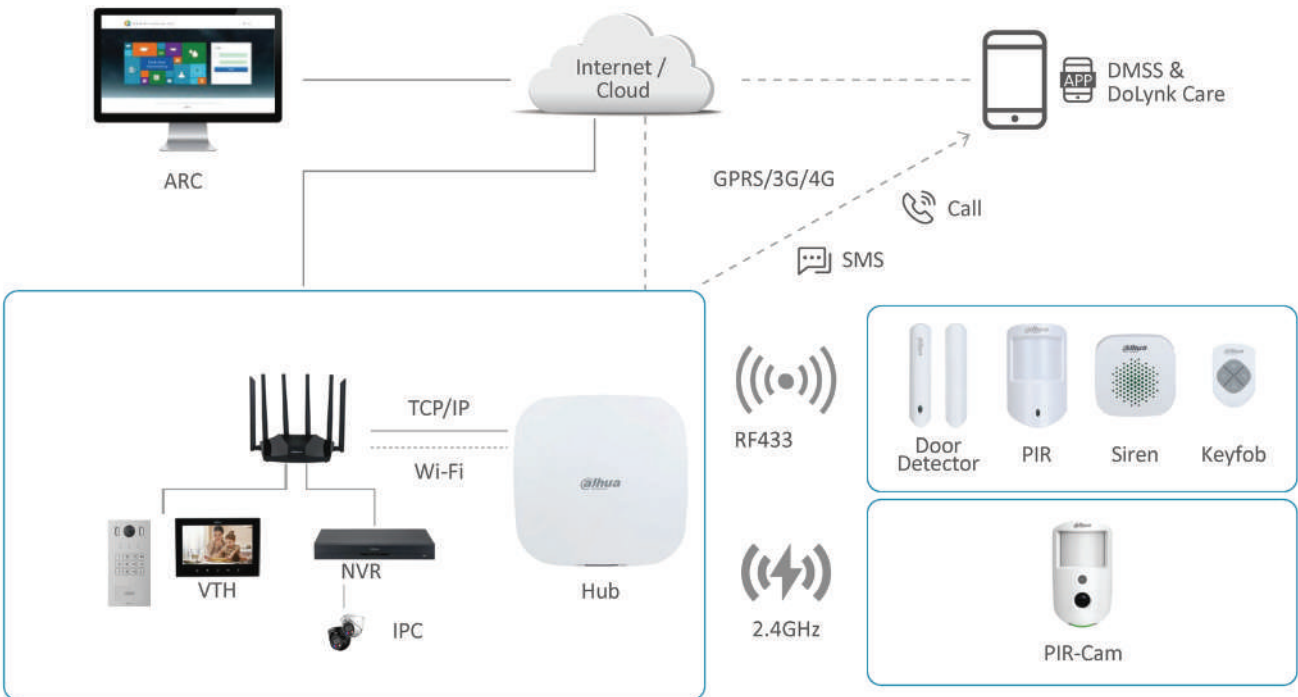


Topology



As shown below, the Alarm Hub is the core of the wireless alarm system, which communicates with wireless peripherals through the Airfly 3.0, and then accesses the Internet to interact with upper-level application software, such as Mobile App, Platform of the ARC (Alarm Receiving Center), through the following ways: Ethernet, Wi-Fi, 4G/3G/GPRS.

According to the networking ways of the Hub, the Hub has 3 types: Wi-Fi Model, 2G Model, 4G Model. The 2G and 4G models also support SMS and Calling alarm.



Recommended Products

Control Panels & Repeater		
 Wi-Fi Hub ARC3000H-W2	 4G Hub ARC3000H-FW2	 Repeater ARA43-W2
Motion Detectors	Magnetic Contacts	Environment Detectors
 PIR-Camera ARD1731-W2  PIR ARD1233-W2	 Door Detector ARD323-W2  Door Detector Plus ARD324-W2	 Water Leak ARD912-W2  Smoke Detector HY-SA21A-W2
Controls & Panic Buttons	Wired Expanders	
 Keypad ARK30T-W2  Keyfob ARA24-W2  Panic Button ARD821-W2  Panic Button ARD822-W2	 Input Expander ARM310-W2  Transmitter ARM320-W2	
Automation	Siren	
 Relay ARM7011-W2  WallSwitch ARM7012-W2  Smart Plug ICS1-W2	 External Siren ARA13-W2  Internal Siren ARA12-W2	
CCTV System	Intercom	Software
 NVR5X-AI/ANZ Series  NVR4X-AI/ANZ Series  TIOC	 VTO3221E-P  VTH5341G-W	 DMSS

Run A Smarter And Safer Store

Dahua SMB smart shop solution

Compared with online sales, physical retail stores face more challenges.

Dahua SMB Smart Shop Solution uses a full range of video surveillance, supplemented by AI intelligent algorithms, to cater to and attract customers.

Dahua SMB Smart Shop Solution adopts a more convenient management method, which can timely receive alarms on mobile app, and improve management efficiency.



Remote Patrol



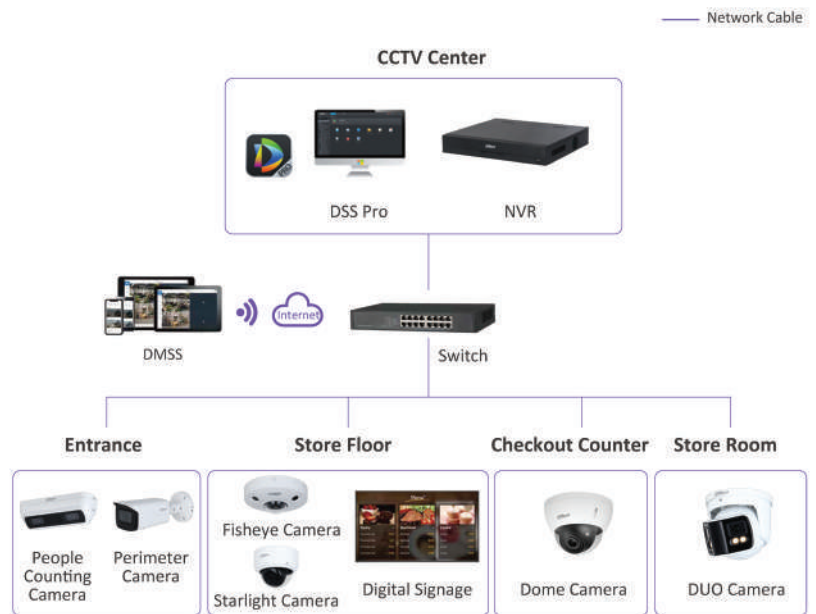
Safe



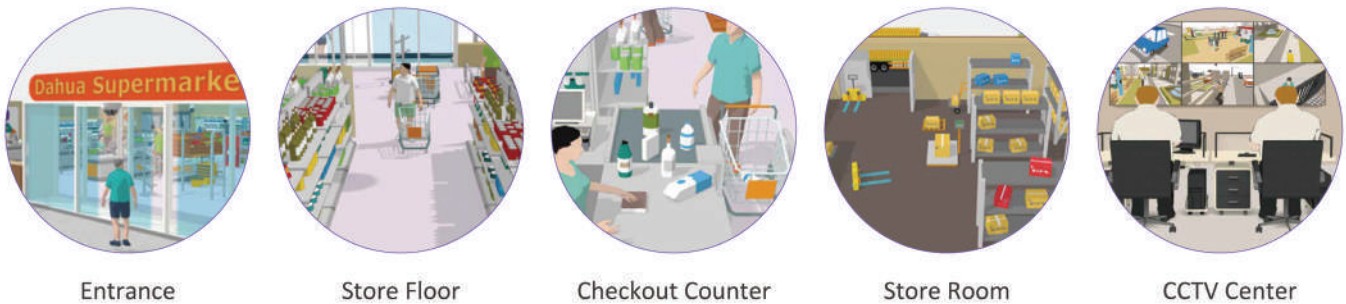
Efficient

Solution Highlights

- Remote Patrol**
 - Remote store supervision and real-time alarm handling via mobile APP.
- Safe**
 - Alarm in time when someone intrudes during non-business hours.
 - High-quality surveillance video provides visual evidence.
- Efficient**
 - Predict customers' needs and equip your store to meet their preferences with footfall analytics and heat map.
 - Update ads & promotions in time, to attract the customer.



Application Scenarios



Entrance

Store Floor

Checkout Counter

Store Room

CCTV Center

Recommended Models

 <p>IPC-HDW8441X-3D</p>	 <p>IPC-HFW3866TP-ZAS-AUS</p>	 <p>IPC-EBW81242-AS-S2</p>	 <p>IPC-HDBW5442H-ZHE-S3</p>
 <p>LDH43/50-HAI400K</p>	 <p>NVR5432-16P-AI/ANZ</p>	 <p>DMSS</p>	 <p>DSS Pro</p>



SECURE EVERY CORNER WHERE THE SUN SHINES

Dahua Farm & Orchard Security Solution



4G Wireless
Transmission



Integrated
Structure



All-weather
Operation



Mobile App Real-time
Monitoring

Recommended Products



Outdoor Surveillance Box



4G Router

- 4G transmission
- Require power supply



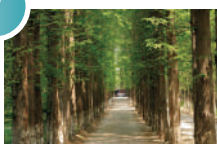
Integrated Solar Power System

- 4G transmission
- 100W/125W mono crystalline solar panels
576Wh(@12.8V/45Ah)

Application Scenarios



Courtyards



Park Road

- Cost performance
- Large field of angle



Orchards



Fish pond



Construction Sites



Water Reservoir

-
- Long standby time
 - Lightweight deployment



Mobile Facilities



Outdoor Venue

Wireless Interconnected Heat Alarm

HY-HT10A-R8



- Class A1 fire detection (54°C to 65°C)
- Silenced by a working infrared remote controller
- Wireless interconnected with maximum of 24 devices
- Test and silence features in the central push button
- Loud sound output over 85 dB(A) at 3 meters
- Surface-mount device (SMD) circuit board design
- Low battery warning signal

Standalone Carbon Monoxide Alarm

HY-GC20B



- High-performance Figaro electrochemical CO sensor to deliver accurate detection of carbon monoxide leakage and respond quickly
- Long standby time, low power consumption, 10-year battery life
- Support low battery warning, one-click silence, and self-test
- Informative and easy-to-read CO concentration display in screen
- Three indicator lights for displaying device status clearly
- Excellent production, novel appearance, delicate and compact, simple and convenient installation

Flame Detection Network Camera

HY-FT121LD



- Uncooled VOx thermal sensor technology
- Flame detection with adjustable and high sensitivity
- Support GB/T 28182 and ONVIF, convenient for integration
- WDR, 3D NR, applicable to various monitoring scenes
- Support tracking flame position
- Flame detection with adjustable sensitivity
- Strobe light & audio and remote intercom
- Built-in 1/1 alarm in/out, flexible alarm linkage
- IP66, PoE
- Built-in alarm voices, and user can import custom voices
- 2MP 1/2.7" CMOS image sensor, low luminance, and high definition image
- 12V DC/PoE power supply
- Built-in IR light; the max. IR LEDs Length is 15 m (49.21 ft)

Product Introduction

**IPC-HFW3441DG-AS-4G-EAU/LA-B
PFM378-B100-WB
PFM372-L45-4S14P**



4G IP Camera:

- 1/3" 4 MP (2.8/3.6/6 mm)
- IR 50 m, warm light: 30 m
- 5-10 m PIR
- Built-in microphone and speaker
- SMD & perimeter protection

Solar Equipment:

- 100 W solar panel
- MPPT controller, RS485 576 Wh (@12.8 V/45 Ah), more than 1,500 cycles

Recommended for areas with solar radiation ≥ 3.5 h

4G on IR off: Standby time = 576 Wh/5.3 W = 4.5 d

4G on IR on: Standby time = 576 Wh/5.8 W = 4 d

**SD6C3432XB-HNR-AGQ-PV
PFM378-B125-CB
PFM372-L45-4S14P**



4G PTZ Camera:

- 1/2.8" 4 MP
- 32x optical zoom
- IR 150 m, warm light: 80 m
- Active deterrence

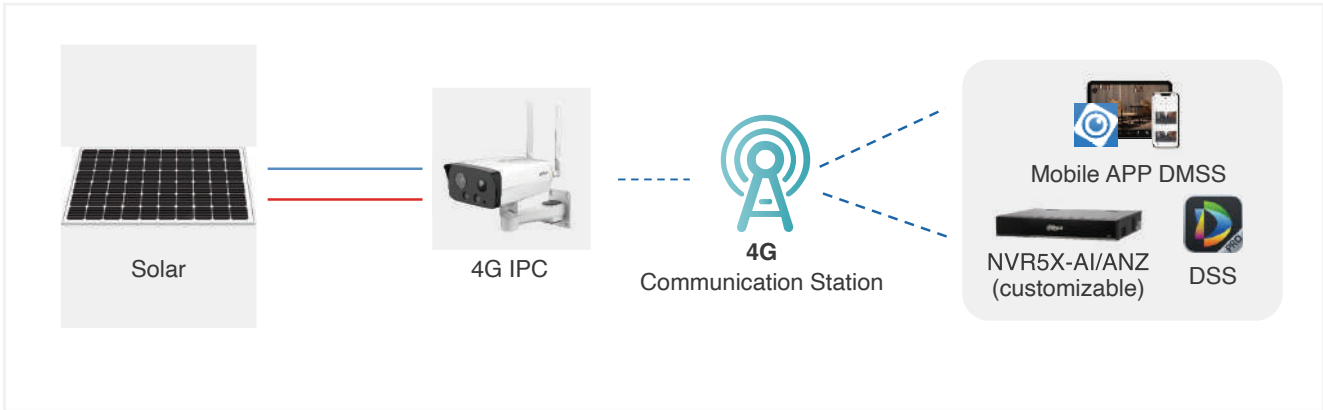
Solar Equipment

- 125 W solar panel
- MPPT controller, RS485 576 Wh (@12.8 V/45 Ah), more than 1,500 cycles

Recommended for areas with solar radiation ≥ 4 h

4G on IR off: Standby time = 576 Wh/7.4 W = 3.2 d

4G on IR on: Standby time = 576 Wh/11.4 W = 2.1 d



PFA143



WM4720-OW



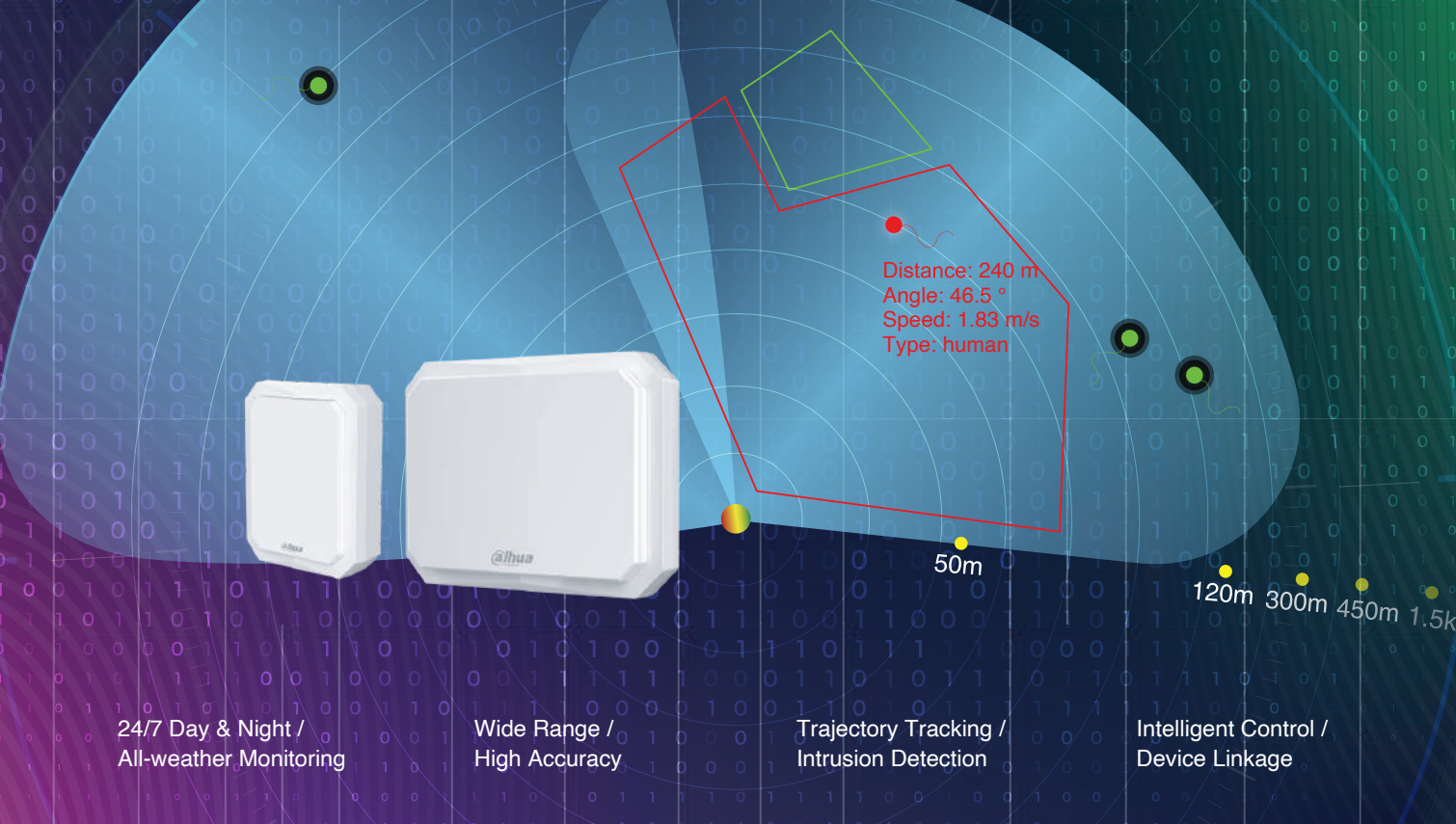
- All-aluminum shell design, IP66, IK10
- Optional fans for high temperature heat dissipation
- Pole-mount PFA153

- 4G high-speed cellular network
- Supports IPv6 network access and DHCP allocation



MORE DIMENSIONS, MORE SECURITY

Radar Perimeter Protection Solution



24/7 Day & Night /
All-weather Monitoring

Wide Range /
High Accuracy

Trajectory Tracking /
Intrusion Detection

Intelligent Control /
Device Linkage

Our radar perimeter protection solution combines radar and video to effectively over-come traditional monitoring pain points including weather and environment influence, high false alarm rate, lack of recorded videos for evidence, insufficient global data, and other similar issues. Utilising multidimensional sensing generated using radar, PTZ camera and thermal imaging video technology, this solution offers stronger, more effective and more accurate security protection experience.



Security Radar



PTZ Camera



Thermal Imaging Camera



DSS Pro

Ecosystem



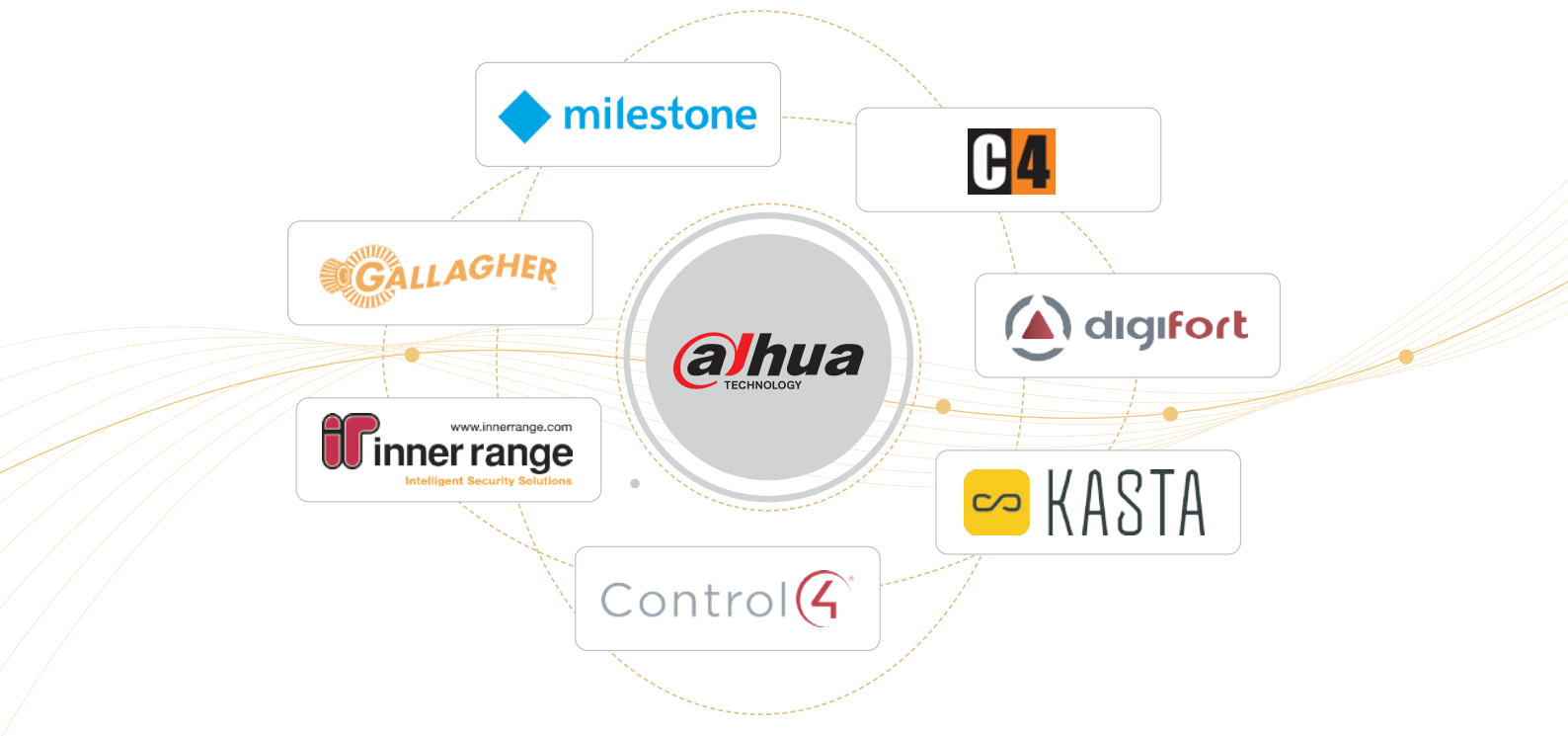
CREATING A MORE OPEN AND SMARTER ECOSYSTEM

Dahua Technology Australia



Our Partners

Up to September 2021, Dahua Technology Australia has established a sustainable ecosystem with a number of local companies. With these long-lasting partnerships, Dahua aims to provide a more profound and comprehensive service to our customers.



	<p>INTEGRATION</p> <p>Live Video Streaming Recorded Video Streaming Video and audio parameters configuration PTZ Control over cameras AI function including Metadata, Heatmap, Fisheye-Dewarping, People Counting, Face Recognition, Thermal Body Temperature Monitoring</p>	<p>DAHUA PRODUCT LINE</p> <ul style="list-style-type: none"> • Network Cameras (including AI camera) • PTZ Cameras • Thermal Cameras • Traffic Cameras • Network Recorders • HDCVI Recorders • Network Keyboard
	<p>INTEGRATION</p> <p>Live Video Streaming Recorded Video Streaming Video Records Downloading Motion Detection Live Stream Snapshot Recorded Stream Snapshot Multiple Stream Types</p>	<p>DAHUA PRODUCT LINE</p> <ul style="list-style-type: none"> • Network Cameras • PTZ Cameras • Thermal Cameras • Network recorders • Video Intercom
	<p>INTEGRATION</p> <p>Live Video Streaming Playback Motion Detection On-board analytics, e.g. abandoned object, velocity (Speed), parking detection, object removal, loitering, facial detection Edge recording License Plate Recognition Fisheye Dewarping</p>	<p>DAHUA PRODUCT LINE</p> <ul style="list-style-type: none"> • Network Cameras (including AI camera) • PTZ Cameras • Thermal Cameras • Traffic Cameras • Network Recorders • HDCVI Recorders • Video Door Phone
	<p>INTEGRATION</p> <p>Live Video Streaming Recorded Video Streaming Video and audio parameters configuration PTZ Control over cameras AI function including Metadata, Heatmap, Fisheye-Dewarping, People Counting, Face Recognition, Thermal Body Temperature Monitoring</p>	<p>DAHUA PRODUCT LINE</p> <ul style="list-style-type: none"> • Network Cameras(including AI camera) • PTZ Cameras • Thermal Cameras • Traffic Cameras • Network Recorders • HDCVI Recorders

	<p>INTEGRATION</p> <p>Chowmainsoft Driver Features:</p> <ul style="list-style-type: none"> • DVR + NVR remote control simulation via IP including navigation controls • Automatic setup of Dahua IP streams to be Control4 compatible • Live view of camera streams direct to camera & if plugged into NVR • PTZ control over cameras • Events like motion detection, etc. • TIOC Camera -- turning on/off the siren, the warning light (blue and red flashing feature) and the illuminator (white light) 	<p>DAHUA PRODUCT LINE</p> <ul style="list-style-type: none"> • Network Cameras • PTZ Cameras • Network Recorders • HDCVI Recorders • Video Intercom
	<p>INTEGRATION</p> <p>Live Video Streaming PlaybackReceive Events/Alarms from the CCTV System Generate Alerts from CCTV Events/Alarms PTZ control over cameras Automatically Load Camera Configuration</p>	<p>DAHUA PRODUCT LINE</p> <ul style="list-style-type: none"> • Network Cameras • PTZ Cameras • Thermal Cameras • Network Recorders • HDCVI Recorders
	<p>INTEGRATION</p> <p>Gallagher access control can send 5 Keypriority alerts to Dahua DSS Pro Softwareevent notification centre Locker Forced OpenIntrusion Alarm Door Open Too LongDoor Open Timeout Alarm Door Emergency Release Emergency-button press</p>	<p>DAHUA PRODUCT LINE</p> <ul style="list-style-type: none"> • Dahua DSS Pro V8 (Customization version)



Enabling a Smarter Society and Better Living

Dahua Technology Australia Pty. Ltd.

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