2020
V 2.0

dahua TECHNOLOGY

Driving Innovation
to an AIoT Future

**PRODUCT
CATALOGUE**

ADI
a **resideo** company

THE PEOPLE
BEHIND SECURITY

ADI
a resideo company

We believe it's people that make the difference. Our staff live and breathe our values and use their passion and specialist knowledge to deliver the best security solutions. We're truly a company powered by people

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- **Relationships:** We're passionate about all things security. Our dedicated team go the extra mile to form strong relationships with our customers, to provide the knowledge and experience you need for total peace of mind
- **Support:** We'll help you win business and support you throughout the installation process to help you retain customer loyalty
- **Product Range:** Because security and fire can't be done by halves, we're the only global distributor who covers all product categories. So whatever your business needs, you'll find it at ADI
- **Accessibility:** As well as having 28 branches in the UK, we operate all over the world, so we're never too far from where you do business

THE ADI DIFFERENCE: RELATIONSHIPS, SUPPORT, PRODUCT RANGE, ACCESSIBILITY

21,000 Products, 250 Brands, 250 People in ADI UK, 28 UK Branches, 180+ Branches Worldwide

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IP System Easy Selection

Kit	Images	Camera Dahua SKU	Camera ADI SKU	Back Box	4 Way Recorder	8 Way Recorder	16 Way Recorder
IP Fixed 5MP AI System		DH-IPC-HFW3541EP-AS-0280B	IPCHFW3541EAS028	PFA130-E	NVR4104HS-P-4KS2L	NVR4108HS-8P-4KS2L	NVR5216-16P-4KS2E
		DH-IPC-HDBW3541EP-AS-0280B	IPCHDBW3541EAS028	PFA136			
		DH-IPC-HDW3541EMP-AS-0280B	IHDW3541EMAS2	PFA130-E			
		DH-IPC-HDBW3541FP-AS-M-0280B	IHDBW3541FASM2	PFA 139			

Kit	Images	Camera Dahua SKU	Camera ADI SKU	Back Box	4 Way Recorder	8 Way Recorder	16 Way Recorder
IP Motorized 5MP AI System		DH-IPC-HFW3541TP-ZAS-27135	IPHFW3541TZAS27135	PFA130-E	NVR4104HS-P-4KS2L	NVR4108HS-8P-4KS2L	NVR5216-16P-4KS2E
		DH-IPC-HDBW3541RP-ZAS-27135	IPHDBW3541RZAS2713	PFA137			
		DH-IPC-HDW3541TP-ZAS-27135	IPHDW3541TZAS27135	PFA130-E			

Kit	Images	Camera Dahua SKU	Camera ADI SKU	Back Box	4 Way Recorder	8 Way Recorder	16 Way Recorder
IP Fixed 4K AI System		DH-IPC-HDW3841EMP-AS-0280B	IHDW3841EMAS2	PFA130-E	NVR4104HS-P-4KS2L	NVR4108HS-8P-4KS2L	NVR5216-16P-4KS2E
		DH-IPC-HDBW3841EP-AS-0280B	IHDBW3841EAS2	PFA136			
		DH-IPC-HFW3841EP-AS-0280B	IHFW3841EAS2	PFA130-E			

IP System Easy Selection

Kit	Images	Camera Dahua SKU	Camera ADI SKU	Back Box	4 Way Recorder	8 Way Recorder	16 Way Recorder
IP Motorized 4K AI System		DH-IPC-HFW3841TP-ZAS-27135	IHFW3841TZAS271	PFA130-E	NVR4104HS-P-4KS2L	NVR4108HS-8P-4KS2L	NVR5216-16P-4KS2E
		DH-IPC-HDBW3841RP-ZAS-27135	IHDBW3841RZAS271	PFA137			
		DH-IPC-HDW3841TP-ZAS-27135	IHDW3841TZAS271	PFA130-E			

Kit	Images	Camera Dahua SKU	Camera ADI SKU	Back Box	4 Way Recorder	8 Way Recorder	16 Way Recorder
IP TiOC (Full-Colour, Active Deterrence, AI, 3 in 1) 5MP System		DH-IPC-HFW3549T1P-AS-PV-0280B	IHFW3549T1ASPV2	PFA130-E	NVR4104HS-P-4KS2L	NVR4108HS-8P-4KS2L	NVR5216-16P-4KS2E
		DH-IPC-HDW3549HP-AS-PV-0280B	IHDW3549HASPV2	PFA137			

Kit	Images	Camera Dahua SKU	Camera ADI SKU	Back Box	4 Way Recorder	8 Way Recorder	16 Way Recorder
IP TiOC (Full-Colour, Active Deterrence, AI, 3 in 1) 4K System		DH-IPC-HFW3849T1P-AS-PV-0280B	IHFW3849T1ASPV2	PFA130-E	NVR4104HS-P-4KS2L	NVR4108HS-8P-4KS2L	NVR5216-16P-4KS2E
		DH-IPC-HDW3849HP-AS-PV-0280B	IHDW3849HASPV2	PFA137			

HDCVI System Easy Selection

Kit	Images	Camera Dahua SKU	Camera ADI SKU	Back Box	4 Way Recorder	8 Way Recorder	16 Way Recorder
HDCVI Fixed 5MP AI System		DH-HAC-HFW1500TP-A-0280B	HHFW1500TA2	PFA134	XVR5104HS-I2	XVR5108HS-I2	XVR5216AN-I2
		DH-HAC-HDW1500TLP-A-0280B	HHDW1500TLA2	PFA130-E			

Kit	Images	Camera Dahua SKU	Camera ADI SKU	Back Box	4 Way Recorder	8 Way Recorder	16 Way Recorder
HDCVI Motorized 5MP AI System		DH-HAC-HFW1500RP-Z-IRE6-A-2712	HHFW1500RZIRE6A271	PFA135	XVR5104HS-I2	XVR5108HS-I2	XVR5216AN-I2
		DH-HAC-HDW1500TP-Z-A-2712	HHDW1500TZA271	PFA130-E			

Kit	Images	Camera Dahua SKU	Camera ADI SKU	Back Box	4 Way Recorder	8 Way Recorder	16 Way Recorder
HDCVI Fixed 4K Real-time AI System		DH-HAC-HFW1800TP-A-0280B	HHFW1800TA2	PFA134	XVR5104HS-4KL-I2 (4K 15FPS) XVR7104HE-4K-I2 (4K Real-time)	XVR5108HS-4KL-I2 (4K 15FPS) XVR7108HE-4K-I2 (4K Real-time)	XVR5216AN-4KL-I2 (4K 15FPS)
		DH-HAC-HDW1800TLP-A-0280B	HHDW1800TLA2	PFA130-E			

Kit	Images	Camera Dahua SKU	Camera ADI SKU	Back Box	4 Way Recorder	8 Way Recorder	16 Way Recorder
HDCVI Motorized 4K AI System		DH-HAC-HFW1801RP-Z-IRE6-A-27135	HHFW1801RZIRE6A271	PFA135	XVR5104HS-4KL-I2	XVR5108HS-4KL-I2	XVR5216AN-4KL-I2
		DH-HAC-HDW1801TP-Z-A-27135	HHDW1801TZA271	PFA130-E			

HDCVI System Easy Selection

Kit	Images	Camera Dahua SKU	Camera ADI SKU	Back Box	4 Way Recorder	8 Way Recorder	16 Way Recorder
HDCVI Fixed AOC 5MP System		DH-HAC-HFW1500TP-A-POC-0360B	HHFW1500TAPOC3	PFA134	XVR5104H-X-4P (5M-N 10FPS)	XVR5108H-X-8P (5M-N 10FPS)	XVR5216AN-X-16P (5M-N 10FPS)
		DH-HAC-HDW1500EMP-A-POC-0280B	HHDW1500EMAPOC2	PFA130-E	XVR5104H-4KL-X-4P(5MP 12FPS)	XVR5108H-4KL-X-8P(5MP 12FPS)	XVR5216AN4KLX16P(5MP 12FPS)

Kit	Images	Camera Dahua SKU	Camera ADI SKU	Back Box	4 Way Recorder	8 Way Recorder	16 Way Recorder
HDCVI Motorized POC 5MP System		DH-HAC-HFW1500RP-Z-IRE6-POC-2712	HHFW1500RZIRE6P271	PFA130-E	XVR5104H-X-4P (5M-N 10FPS)	XVR5108H-X-8P (5M-N 10FPS)	XVR5216AN-X-16P (5M-N 10FPS)
		DH-HAC-HDW1500TP-Z-A-POC-2712	HHDW1500TZAPOC271	PFA130-E	XVR5104H-4KL-X-4P (5MP 12FPS)	XVR5108H-4KL-X-8P(5MP 12FPS)	XVR5216AN4KLX16P(5MP 12FPS)

Kit	Images	Camera Dahua SKU	Camera ADI SKU	Back Box	4 Way Recorder	8 Way Recorder	16 Way Recorder
HDCVI Full-Colour 5MP System		DH-HAC-HFW1509TLMP-A-LED-0360B	HHFW1509TLMALED3	PFA134	XVR5104HS-I2	XVR5108HS-I2	XVR5216AN-I2
		DH-HAC-HDW1509TP-A-LED-0360B	HHDW1509TALED3	PFA139			

WizSense IPC

Overview

The WizSense series IP camera features SMD plus and perimeter protection using a deep learning algorithm. This greatly improves alarm accuracy as it can identify human/vehicle classification. Through its adoption of AI coding technology, the WizSense series offers higher efficiency than H.265 & H.264, which can dramatically reduce storage cost. Powered by Starlight and True WDR technology, the WizSense series camera provides a high quality image.
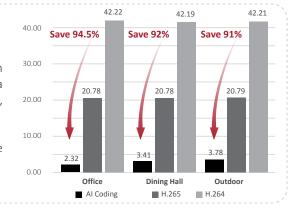
- AI Coding **90%** lower bit-rate than H.264
- Perimeter Protection False alarm rate of less than **2%**, and **64%** less pixels required
- SMD+ False alarm rate of less than **2%**
- WDR 120dB
- Starlight: **0.002**Lux@F1.6(2MP)
  0.005 Lux@F1.6(5MP)

Highlights

• AI Coding

By adopting an advanced algorithm involving auto stream control which learns it's environment, the Dahua "AI Coding" technology produces a higher efficiency than H.265 and H.264, providing high-quality videos, and reducing cost of storage and transmission.

Benefit: with the same scenario, the storage cost of 1080P low bit-rate solution is more than 90% lower than that of H.264.

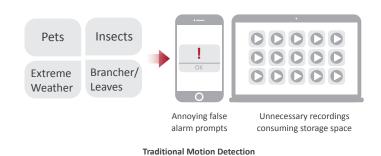|	Office	Dining Hall	Outdoor
AI Coding	2.32	3.41	3.78
H.265	20.78	20.78	20.79
H.264	42.22	42.19	42.21
Save	94.5%	92%	91%

• SMD Plus

Smart Motion Detection Plus (SMD Plus) filters out the motion detection alarms triggered by non-target objects and effectively recognises humans and vehicles, instead only sending accurate alarms when intrusion has been detected.
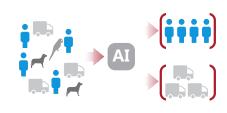
Scan the QR code to watch the video

Benefits:
i. Reduces false alarm rate by less than 2% by filtering out leaves, lights, pets and extreme weather.

False alarm rate less than **2%**

Pets | Insects
Extreme Weather | Brancher/Leaves

Annoying false alarm prompts | Unnecessary recordings consuming storage space

Traditional Motion Detection

SMD Plus(False alarm filter)

ii. Greatly improves search efficiency and saves event retrieval time.

SMD Plus(QUICK TARGET SEARCH)

Applications:

- Factory – prevents unauthorised human or vehicle from entering restricted area
- Museum – safeguards important cultural relics
- Villa – deters intruders from breaking in
- Airport – monitors restricted zones within the airport vicinity

• Perimeter Protection

This series supports intelligent detection with its advanced video algorithm, including tripwire and intrusion that categorise targets as a human or vehicle. It also works with Smart NVR in order to perform refined intelligent search, extract events and merge event videos.

Benefits:
i. False alarm rates of less than 2%. The false alarm rate triggered by non-target objects like small animals, tree movement, shadows and bright lights is significantly lower than traditional IVS solutions.

ii. Requires 64% less pixels compared to traditional IVS solutions, allowing each perimeter protection camera to cover larger areas from far away.

Traditional IVS
- Missed alarms
- Groups of people are regarded as 1 trigger
- Distant objects are not tracked

Perimeter protection
- All humans & moving cars detected
- Each person is counted and tracked individually
- Distant objects can be detected

iii. Differentiates alarm trigger type into human and vehicle. Rules can be set to limit different trigger types according to real requirements.Utilises "smart search" feature to quickly search video footage by trigger type (human, vehicle), making it easy for users to trace event history and analyse information.

Scan the QR code to watch the video

Applications:

- Monitoring Zone (Park Perimeter,Farm Fence,Villa/Garden,Garage Entrance,Retail Store)
- Limited Access Area (Scenic Area,Museum,Danger Area,Warehouse,Parking Violation Area)

2MP 2.8mm: IPCHFW3241EAS028
DAHUA SKU: DH-IPC-HFW3241EP-AS-0280B
5MP 2.8mm: IPCHFW3541EAS028
DAHUA SKU: DH-IPC-HFW3541EP-AS-0280B
8MP 2.8mm: IHFW3841EAS2
DAHUA SKU: DH-IPC-HFW3841EP-AS-0280B

IR Fixed-focal Bullet Network Camera

- SMD Plus (Smart Motion Detection Plus)
- Perimeter protection
- AI Coding, high compression rate, low bit rate
- Excellent low light performance
- Built-in IR LED, max. IR distance: 50 m
- IP67 protection

Variants

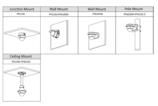- 2MP 3.6mm: IPCHFW3241EAS036
  DAHUA SKU: DH-IPC-HFW3241EP-AS-0360B
- 5MP 3.6mm: IPCHFW3541EAS036
  DAHUA SKU: DH-IPC-HFW3541EP-AS-0360B

- 8MP 3.6mm: IHFW3841EAS3
  DAHUA SKU: DH-IPC-HFW3841EP-AS-0360B

MOUNTING ACCESSORIES

Optional:

PFA130-E Junction Box | PFA152-E Pole Mount | PFM321D DC12V1A Power Adapter

LR1002-1ET/1EC Single-port long reach ethernet over coax extender | PFM900-E Integrated Mount tester | PFM114 TLC SD card

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2MP 2.8mm: IPCHDBW3241EAS028
DAHUA SKU: DH-IPC-HDBW3241EP-AS-0280B
5MP 2.8mm: IPCHDBW3541EAS028
DAHUA SKU: DH-IPC-HDBW3541EP-AS-0280B
8MP 2.8mm: IHDBW3841EAS2
DAHUA SKU: DH-IPC-HDBW3841EP-AS-0280B

IR Fixed-focal Dome Network Camera

- SMD Plus (Smart Motion Detection Plus)
- Perimeter Protection
- AI Coding, high compression rate, low bit rate
- Excellent low light performance
- Built-in IR LED, max. IR distance: 50 m
- IP67, IK10 protection

Variants

- 2MP 3.6mm: IPCHDBW3241EAS036
  DAHUA SKU: DH-IPC-HDBW3241EP-AS-0360B
- 5MP 3.6mm: IPCHDBW3541EAS036
  DAHUA SKU: DH-IPC-HDBW3541EP-AS-0360B

- 8MP 3.6mm: IHDBW3841EAS3
  DAHUA SKU: DH-IPC-HDBW3841EP-AS-0360B

MOUNTING ACCESSORIES

Optional:

PFA136 Junction Box | PFA200W Rain Shade | PFB203W Wall Mount | PFA152-E Pole Mount

PFA106 Mount Adapter | DH-PFB220C Ceiling Mount | PFM321D DC12V1A Power Adapter | LR1002-1ET/1EC Single-port long reach ethernet over coax extender

PFM900-E Integrated Mount tester | PFM114 TLC SD card

2MP 2.8mm: IHDW3241EMAS2
DAHUA SKU: DH-IPC-HDW3241EMP-AS-0280B
5MP 2.8mm: IHDW3541EMAS2
DAHUA SKU: DH-IPC-HDW3541EMP-AS-0280B
8MP 2.8mm: IHDW3841EMAS2
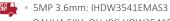DAHUA SKU: DH-IPC-HDW3841EMP-AS-0280B

IR Fixed-focal Eyeball Netwok Camera

- SMD Plus (Smart Motion Detection Plus)
- Perimeter protection
- AI Coding, high compression rate, low bit rate
- Excellent low light performance
- Built-in IR LED, max. IR distance: 50 m
- IP67 protection

Variants

- 2MP 3.6mm: IHDW3241EMAS3
  DAHUA SKU: DH-IPC-HDW3241EMP-AS-0360B
- 5MP 3.6mm: IHDW3541EMAS3
  DAHUA SKU: DH-IPC-HDW3541EMP-AS-0360B
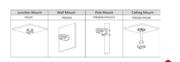
- 8MP 3.6mm: IHDW3841EMAS3
  DAHUA SKU: DH-IPC-HDW3841EMP-AS-0360B

MOUNTING ACCESSORIES

Optional:

PFA130-E Junction Box | PFB204W Wall Mount | PFA152-E Pole Mount | PFM321D DC12V1A Power Adapter

PFA139 Junction Box | PFM900-E Integrated Mount tester | PFM114 TLC SD card | LR1002-1ET/1EC Single-port long reach ethernet over coax extender

Fixed-focal

2MP 2.8mm: IHDBW3241FASM2
DAHUA SKU: DH-IPC-HDBW3241FP-AS-M-0280B

5MP 2.8mm: IHDBW3541FASM2
DAHUA SKU: DH-IPC-HDBW3541FP-AS-M-0280B

IR Fixed-focal Dome Network Camera

- SMD Plus (Smart Motion Detection Plus)
- Perimeter protection
- AI Coding, high compression rate, low bit rate
- Excellent low light performance
- Built-in IR LED, max. IR distance: 50 m
- Built-in Mic
- IP67, IK10 protection

Variants

- 2MP 3.6mm: IHDBW3241FASM3
  DAHUA SKU: DH-IPC-HDBW3241FP-AS-M-0360B
- 5MP 3.6mm: IHDBW3541FASM3
  DAHUA SKU: DH-IPC-HDBW3541FP-AS-M-0360B

MOUNTING ACCESSORIES

Optional:

PFA139 Junction Box	PFB204W Wall Mount	PFA152-E Pole Mount
DH-PFB220C Ceiling Mount	PFA106 Mount Adapter	PFM321D DC12V1A Power Adapter
LR1002-1ET/1EC Single-port long reach ethernet over coax extender	PFM900-E Integrated Mount tester	PFM114 TLC SD card

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Vari-focal

2MP 2.7-13.5mm: IPHFW3241TZAS27135
DAHUA SKU: DH-IPC-HFW3241TP-ZAS-27135

5MP 2.7-13.5mm: IPHFW3541TZAS27135
DAHUA SKU: DH-IPC-HFW3541TP-ZAS-27135
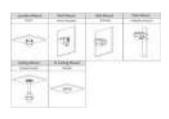
8MP 2.7-13.5mm: IHFW3841TZAS271
DAHUA SKU: DH-IPC-HFW3841TP-ZAS-27135

IR Vari-focal Bullet Network Camera

- SMD Plus (Smart Motion Detection Plus)
- Perimeter protection
- AI Coding, high compression rate, low bit rate
- Excellent low light performance
- Built-in IR LED, max. IR distance: 60 m
- IP67, IK10(optional) protection

MOUNTING ACCESSORIES

Optional:

| PFA130-E Junction Box | PFA152-E Pole Mount | PFM321D DC12V1A Power Adapter |
| LR1002-1ET/1EC Single-port long reach ethernet over coax extender | PFM900-E Integrated Mount tester | PFM114 TLC SD card |

Vari-focal

2MP 2.7-13.5mm: IPHDBW3241RZAS2713
DAHUA SKU: DH-IPC-HDBW3241RP-ZAS-27135

5MP 2.7-13.5mm: IPHDBW3541RZAS2713
DAHUA SKU: DH-IPC-HDBW3541RP-ZAS-27135

8MP 2.7-13.5mm: IHDBW3841RZAS271
DAHUA SKU: DH-IPC-HDBW3841RP-ZAS-27135

IR Vari-focal Dome Network Camera

- SMD Plus (Smart Motion Detection Plus)
- Perimeter protection
- AI Coding, high compression rate, low bit rate
- Excellent low light performance
- Built-in IR LED, max. IR distance: 40 m
- IP67, IK10 protection

MOUNTING ACCESSORIES

Optional:

PFA137 Junction Box	PFB203W Wall Mount	PFA152-E Pole Mount	PFA200W Rain Shade
PFA106 Mount Adapter	DH-PFB220C Celling Mount	PFB200C In-Celling Mount	PFM321D DC12V1A Power Adapter
LR1002-1ET/1EC Single-port long reach ethernet over coax extender	PFM900-E Integrated Mount tester	PFM114 TLC SD card

Vari-focal

HUNGARY HUB

GET IT NOW!

GET IT NOW!

2MP 2.7-13.5mm: IPHDW3241TZAS27135
DAHUA SKU: DH-IPC-HDW3241TP-ZAS-27135

5MP 2.7-13.5mm: IPHDW3541TZAS27135
DAHUA SKU: DH-IPC-HDW3541TP-ZAS-27135
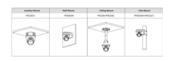
8MP 2.7-13.5mm: IHDW3841TZAS271
DAHUA SKU: DH-IPC-HDW3841TP-ZAS-27135

IR Vari-focal Eyeball Network Camera

- SMD Plus (Smart Motion Detection Plus)
- Perimeter protection
- AI Coding, high compression rate, low bit rate
- Excellent low light performance
- Built-in IR LED, max. IR distance: 40 m
- Built-in Mic
- IP67 protection

Junction Mount	Wall Mount	Ceiling Mount	Pole Mount
PFA130-E	PFB203W	PFA106+PFA130E	PFB203W+PFA152-E

MOUNTING ACCESSORIES

Optional:

PFA130-E Junction Box	PFB203W Wall Mount	PFA106 Mount Adapter
DH-PFB220C Ceiling Mount	PFA152-E Pole Mount	PFM321D DC12V1A Power Adapter
LR1002-1ET/1EC Single-port long reach ethernet over coax extender	PFM900-E Integrated Mount tester	PFM114 TLC SD card

WizSense TiOC

Overview

Currently available in 2MP and 5MP variations, this new industry-leading TiOC (3-in-1) camera offers Full-colour, Active Deterrence and AI, all-in-one smart innovative solution. With false alarm rates less than 2%, a signficantly improved search function and built in AI coding delivering a 90% reduction in disk space required this new addition to Dahua's range can help improve the efficiency and cost of running your CCTV system

Solution

Video evidence is greatly enhanced by full-colour images of any suspect. The combination of Dahua's industry-leading Full-Colour technology with powerful AI functions and Active Deterrence warnings will help reduce false alarm rates, improve target search efficiency and generally make your CCTV system more efficient, reducing your operation costs.

3-in-1 Solution - Powerful **industry-leading** technology

Full-colour Monitoring - Enhanced **24/7** full-colour performance

Active Deterrence - Warn off intruders with **enhanced two-way audio** and red/blue light

Artificial Intelligence - False alarm rate **<2%** & target search efficiency improved by **98%**

AI Coding - Save disk space with **90%** lower bitrate than H.264

3-in-1 Camera

Dahua, an **industry-pioneer** of smart surveillance devices, is the first to market with this powerful 3-in-1 solution.

This proactive system features a bright LED light, warning siren and built-in speakers to warn off intruders, all of which can be remotely triggered before any crime has been committed.

- ✔ **2MP/5MP** resolution (8MP coming soon)
- ✔ Illumination Distance: **20m (2.8mm)/30m (3.6mm)/40m (6mm)**
- ✔ **11** different voices built-in by default or full voice customisation
- ✔ **Red & blue lights** emit a strong warning signal

No Colour Detail
After a burglary has occurred, although there is CCTV evidence, there's no colour image of the suspect, making identification more difficult.

Too Many False Alarms
Too many false alarms cause meaningless work for the alarm receiving centre. Sometimes only 50 genuine positives out of 3000 alarms.

Storage Costs Too High
CCTV evidence must be stored for a minimum of 3 months (e.g. for banks, etc.) Hardware, including HDDs and recorders is prohibitively high.
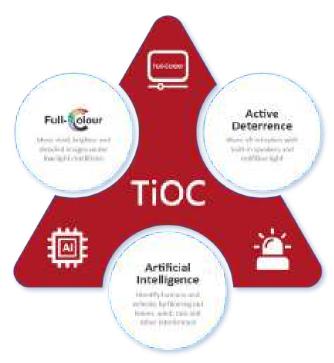
Low-Efficiency Video Search
Large volumes of video data has to be manually examined by the police or control room, taking up a huge amount of time.

Response Time Too Slow
For warehouses with extensive perimeters, stopping intruders from breaking in is difficult even with security guards patrolling or a CCTV system.

Customer Challenges

Example Applications

Education

Houses/Apartments

Fire exits

Farm

Advantages

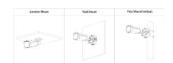**Colour Monitoring:** Displays colour alarm videos and captures vivid detail in low light conditions.

Fewer False Alarms: The inbuilt AI function focuses on vehicles and humans reducing the number of false alarms.

Active Deterrence: Red and blue light and upgraded audio enhances deterrence.

APP Alarm Push: Push alarm notifications in real-time, with one-button arming and disarming.

WizSense TiOC

Vari-focal

2MP 2.8mm: IHFW3249T1ASPV2
DAHUA SKU: DH-IPC-HFW3249T1P-AS-PV-0280B
5MP 2.8mm: IHFW3549T1ASPV2
DAHUA SKU: DH-IPC-HFW3549T1P-AS-PV-0280B
4K 2.8mm: IHFW3849T1ASPV2
DAHUA SKU: DH-IPC-HFW3849T1P-AS-PV-0280B

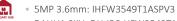### Full-Colour Active Deterrence Fixed-focal Bullet Network Camera

- 2.8mm/3.6mm lens optional
- SMD Plus (Smart Motion Detection Plus)
- Perimeter protection.
- AI Coding, high compression rate, low bit rate
- 24x7 Full-Color perfomance
- Siren and Light Active Deterrence
- IP67 protection, POE

MOUNTING ACCESSORIES

Optional:

PFA130-E
Junction Box

PFA152-E
Pole Mount

PFM321D
DC12V1A Power Adapter

LR1002-1ET/1EC
Single-port long reach ethernet over coax extender

PFM900-E
Integrated Mount tester

PFM114
TLC SD card

Variants

- 2MP 3.6mm: IHFW3249T1ASPV3
  DAHUA SKU: DH-IPC-HFW3249T1P-AS-PV-0360B
- 5MP 3.6mm: IHFW3549T1ASPV3
  DAHUA SKU: DH-IPC-HFW3549T1P-AS-PV-0360B

- 4K 3.6mm: IHFW3849T1ASPV3
  DAHUA SKU: DH-IPC-HFW3849T1P-AS-PV-0360B

Vari-focal
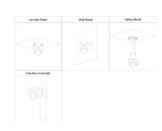
2MP 2.8mm: IHDW3249HASPV2
DAHUA SKU: DH-IPC-HDW3249HP-AS-PV-0280B
5MP 2.8mm: IHDW3549HASPV2
DAHUA SKU: DH-IPC-HDW3549HP-AS-PV-0280B
4K 2.8mm: IHDW3849HASPV2
DAHUA SKU: DH-IPC-HDW3849HP-AS-PV-0280B

Full-Colour Active Deterrence Fixed-focal Eyeball Network Camera

- 2.8mm/3.6mm lens optional
- SMD Plus (Smart Motion Detection Plus)
- Perimeter protection.
- AI Coding, high compression rate, low bit rate.
- 24x7 Full-Color perfomance
- Siren and Light Active Deterrence
- IP67 protection, POE

MOUNTING ACCESSORIES

Optional:

PFA137
Junction Box

PFB205W
Wall Mount

DH-PFB220C
Celling Mount

PFA152-E
Pole Mount

PFM321D
12V DC/1A Power Adapter

LR1002-1ET/1EC
Single-port Long Reach Ethernet over Coax Extender

PFM900-E
Integrated Mount Tester

PFM114
TLC SD Card

Variants

- 2MP 3.6mm: IHDW3249HASPV3
  DAHUA SKU: DH-IPC-HDW3249HP-AS-PV-0360B
- 5MP 3.6mm: IHDW3549HASPV3
  DAHUA SKU: DH-IPC-HDW3549HP-AS-PV-0360B

- 4K 3.6mm: IHDW3849HASPV3
  DAHUA SKU: DH-IPC-HDW3849HP-AS-PV-0360B

WizSense PTZ

Overview

The WizSense series PTZ cameras are equipped with perimeter protection, smart capture and SMD+ functions that are powered by deep learning algorithms, providing higher accuracy than previous products. This series of PTZ products supports Starlight and WDR, which gives high quality images even under low-light or intense contrast lighting conditions. In addition, the Dahua self-developed PFA technology provides a method to achieve continuous and high-precision focus during the entire zooming process, which greatly improves user experience and increases product value.

- Innovative Dual-PTZ Design
- Smart Capture
- Quiet Moving (Low Noise less than **20dB**)
- Lens Invisible Design
- PFA Technology

- Smart Tracking
- Perimeter Protection with Auto-tracking
- Wide monitoring range (PTZ1A: **282°** large tilt range)
- Flexible mounting (PTZ1A: 2 orientation, Upright/Inverted)

Highlights

• Innovative Dual-PTZ Design

The SDT5X series' dual-PTZ system consists of a panoramic camera and a focused camera. These cameras can be seperately adjusted, both horizontally and vertically. The panoramic camera captures panoramic images, while the PTZ camera takes detailed snapshots of objects and keeps tracking when a rule violation occurs.

Scan the QR code to watch the video

• Smart Tracking

The SDT5X series' dual-PTZ system is very suitable for smart tracking. It can provide panoramic images during the tracking process, ensuring every human event is captured. This is a big advantage compared to traditional single-PTZ camera. Once the target triggers a rule in the panorama camera (e.g. tripwire and intrusion), the detailed camera will track it automatically.

• Smart Capture

Smart capture is based on a deep learning algorithm designed to capture and display images of human, motor vehicle and non-motor vehicle.

• Perimeter Protection with Auto-tracking

The perimeter protection based on deep learning improves alarm accuracy and reduces false alarms. The PTZ camera can also automatically track human or vehicle targets, which greatly improves the efficiency of PTZ tracking.
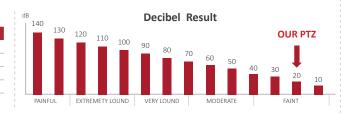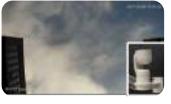
Scan the QR code to watch the video

• Quiet Moving

Professional noise test shows that the operating noise of the SD5A series PTZ camera is less than 20dB. This result indicates that the camera's movement produces extremely low sound and does not contribute to noise pollution.

Test Result

	Lp(dB)	Left(dB)	Right(dB)	Front(dB)	back(dB)	UP(dB)
Background	17.02	17.5	16.8	16.4	17.5	16.8
Tour	18.76	19.6	18.5	18.1	19.2	18.2
Pattern1	18.56	19.3	18.4	18	19	17.9
Pattern2	18.87	19.6	18.8	18.3	19.2	18.3
Pattern3	19.17	19.9	19	18.7	19.5	18.6

Decibel Result

OUR PTZ

dB: 140 130 120 110 100 90 80 70 60 50 40 30 20 10

PAINFUL — EXTREMETY LOUND — VERY LOUND — MODERATE — FAINT

• Wide monitoring range

The PTZ1A series' positioning system supports a very wide monitoring range. It can realize 0°~360° endless pan range, and-90°~90° tilt range. The effective angle for tilt range is-51°~90°.

Whole tilt range can up to -90°~90°

Valid tilt range can up to -51°~90°

• Lens Invisible Design

The all-black appearance and spherical design of the SD5A series' PTZ camera greatly increase the concealment of its lens.

Scan the QR code to watch the video

Wall Mount   Corner Mount   Pole Mount

• Flexible mounting

The PTZ1A series' positioning system offers flexible installation that supports both upright and inverted mounting, providing convenient installation methods based on scenarios.

Upright Mounting Orientation   Inverted Mounting Orientation

• PFA Technology

The PFA (Predictive Focus Algorithm) adopts Dahua newly-developed focus algorithm, which ensures the camera image stays focused while zooming, and greatly improves user experience and enhances product value.

Scan the QR code to watch the video

Camera with PFA   **Camera without PFA**

WizSense PTZ

4MP: SDT5X4054F0600WA
DAHUA SKU: DH-SDT5X405-4F-0600-WA

Panorama camera and Detail camera of the 4MP Starlight Dual-PTZ System

- Dual PTZ system
- 1/1.8" 4Megapixel CMOS
- 5x optical zoom
- Starlight technology
- Max. 25/30fps@4M
- Deep-learning-based auto tracking and perimeter protection
- Video metadata
- Smart tracking
- Support Hi-PoE
- IP67

MOUNTING ACCESSORIES

Included:

DC36V/2.23A Power Adapter	PFB306W-S Bracket

Optional:

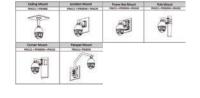|	
PFA150 Bracket	PFB300C Bracket

4MP: SD6AL445XA-HNR-IR
DAHUA SKU: DH-SD6AL445XA-HNR-IR

2MP: SD6AL233XA-HNR-IR
DAHUA SKU: DH-SD6AL233XA-HNR-IR

45x/33x Starlight IR PTZ AI Network Camera

- Powerful 45x/33x optical zoom
- Starlight technology
- Deep-learning-based auto tracking and perimeter protection
- Support face detection
- Support Hi-PoE
- SMD Plus (Smart Motion Detection Plus)
- IP67
- With wiper

MOUNTING ACCESSORIES

Included:

PFB303W Wall Mount	PFA111 Mount Adapter	AC24V/3A Power Adapter

Optional:

PFA140 Power Box	PFB300C Ceiling Mount	PFA120 Junction Box
PFA150 Pole Mount	PFA151 Corner Mount	PFB303S Parapet Mount

4MP: SD5A445XA-HNR
DAHUA SKU: DH-SD5A445XA-HNR

2MP: SD5A225XA-HNR
DAHUA SKU: DH-SD5A225XA-HNR

45x/25x Starlight IR PTZ AI Network Camera

- Powerful 45x/25x optical zoom
- Starlight technology
- Max. 25/30fps@4MP
- IR distance up to 150m
- SMD Plus (Smart Motion Detection Plus)
- Deep-learning-based auto tracking and perimeter protection
- PoE+
- IP67 , IK10
- Lens Invisible Design
- Quiet Moving with Low Noise less than 20dB

MOUNTING ACCESSORIES

Included:

PFB305W Wall Mount	AC24V/3A Power Adapter

Optional:

PFA111 Mount Adapter	PFA140 Power Box	PFB300C Ceiling Mount	PFA120 Junction Box
PFA150 Pole Mount	PFA151 Corner Mount	PFB303S Parapet Mount	

4MP: SD49425XB-HNR
DAHUA SKU: DH-SD49425XB-HNR

DH-SD49425XB-HNR-G (4G version)
DAHUA SKU: DH-SD49425XB-HNR-G

2MP: SD49225XA-HNR
DAHUA SKU: DH-SD49225XA-HNR

25x Starlight IR PTZ AI Network Camera

- Powerful 25x optical zoom
- Starlight technology
- Perimeter protection
- Support PoE+
- IR distance up to 100m
- SMD Plus (Smart Motion Detection Plus)
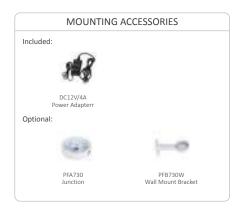- IP66
- 4G version optional (-G)

MOUNTING ACCESSORIES

Included:

PFB305W
Wall Mount

Optional:

| PFA111 Mount Adapter | PFM320-030-BS-S DC12V/3A Power Adapter | PFA140 Power Box | PFB300C Ceiling Mount |
| PFA120 Junction Box | PFA150 Pole Mount | PFA151 Corner Mount | PFB303S Parapet Mount |

PTZ1A225-HNR-XA

2MP 25x Starlight WizSense Network Positioning System

- 1/2.8" 2Megapixel CMOS
- 25x optical zoom, and 16x digital zoom
- Starlight technology
- Max. 50/60 fps@1080P
- IR distance up to 150 m
- Auto-tracking, perimeter protection, and face detection
- SMD Plus, video metadata
- Pan: 360° endless; Tilt: −90°to 90°, auto flip 180°

MOUNTING ACCESSORIES

Included:

DC12V/4A
Power Adapterr

Optional:

| PFA730 Junction | PFB730W Wall Mount Bracket |

WizSense Thermal

Overview

The WizSense series themal camera is a compact size, and cotains a dual-channel spectrum, and powerful combination of visible light and thermal imaging. This series integrates advanced Dahua image analysis and intelligent algorithms, providing a one-stop solution for small and medium-sized monitoring applications.

- Advanced Sensor(**156%** pixels more than the old model)
- Smoking Detection(Accuracy: **90%**)
- Active Deterrence
- Call Detection(Accuracy: **90%**)
- Temperature Measurement(Accuracy: **±5°C**)

- Image Fusion(**3** color modes)
- Object Classification (False alarm rate of less than **5%**)
- Perimeter Protection(False alarm rate of less than **5%**)
- Fire Detection (False alarm rate of less than **5%**)
- ePoE(Max. **800m** transmition)

Highlights

• Advanced Sensor

This series offers high sensitivity sensor with 256x192 pixels, an increased of 156% compared to the 160*120 pixels products in the market, . Its advanced fabrication level provides better image quality -- i.e. more details and higher image contrast.

• Image Fusion

The new fusion mode extracts not only the coordinates of the target and its overlay, but also its gray values, making the fusion more accurate.

Scan the QR code to watch the video

• Smoking Detection

With the combination of dual spectrum, the visible-light channel detects human (head) and the thermal channel detects smokers, eliminating objects like cigarette lighter to a certain extent.

Scan the QR code to watch the video

• Object Classification

A simple background is essential for video analysis. With AI algorithms, the intelligent human/vehicle detection feature helps to reduce false alarms caused by camera movement, falling leaves, or other irrelevant objects, significantly improving alarm accuracy.

Scan the QR code to watch the video

• Active Deterrence

It is equipped with configurable white light and a loudspeaker alarm. Once an abnormal behavior has been detected by thermal channel, the white light and loudspeaker will turn on and create a visual or voice prompt. It will then proceed to record and and take image snapshot.

• Call Detection

Scan the QR code to watch the video

• Temperature Measurement

Scan the QR code to watch the video

2MP: TBF2221TB7F8

DAHUA SKU: DH-TPC-BF2221P-TB7F8

Thermal Network Hybrid Bullet Camera

- 256x192 VOx uncooled thermal sensor technology
- Athermalized lens (thermal camera), focus-free
- 1/2.8" 2Megapixel progressive scan CMOS
- Support ROI, motion detection, color palettes
- Smart temperature measurement
- Smart alarm linkage with strobe light & audio
- Fire detection & alarm
- Built-in 2/2 alarm in/out
- Micro SD memory, IP67, PoE, ePoE

Variants

- 2MP: TBF2221TB3F4
  DAHUA SKU: DH-TPC-BF2221P-TB3F4

MOUNTING ACCESSORIES

Optional:

PFA121
Water-proof Junction Box
(wall mount)

PFA121+PFA152-E
Water-proof Junction Box+Pole
Mount Bracket (pole mount)

PFA121+PFA151
Water-proof Junction Box+Corner Mount Bracket (corner mount)

2MP: TPC-SD2221-TB3F4

DAHUA SKU: DH-TPC-SD2221P-TB3F4

Thermal Network Hybrid Speed Dome Camera

- 256x192 VOx uncooled thermal sensor technology
- Athermalized lens (thermal camera), focus-free
- 1080P Full-HD image display
- Support ROI, motion detection, color palettes
- Smart temperature measurement
- Smart alarm linkage with strobe light & audio
- Fire detection & alarm
- Built-in 2/1 alarm in/out
- Micro SD memory

Variants

- TSD2221TB7F8
  DAHUA SKU: DH-TPC-SD2221P-TB7F8

MOUNTING ACCESSORIES

Optional:

PFB305W
Wall mount bracket

PFB305W+PFA150
Water-proof junction box+wall
mount bracket (Pole Mount)

PFB305W+PFA151
Water-proof Junction Box+corner
Mount Bracket (Corner Mount)

PFA111+PFB300C
Joint connector+hang mount
bracket (Hang Mount)

TBF1241D3F4

DAHUA SKU: DH-TPC-BF1241P-D3F4

Thermal Network Mini Hybrid Bullet Camera

- 256x192 VOx uncooled thermal sensor technology
- Athermalized Lens (thermal), Focus-free
- 1/2.8" 4Megapixel progressive scan CMOS
- Support ROI, motion detection, color palettes
- Smart alarm linkage with strobe light & audio
- Support Fire detection & alarm
- Built-in 1/1 alarm in/out
- Micro SD memory, IP67, PoE

Variants

- TBF1241D7F8
  DAHUA SKU:DH-TPC-BF1241P-D7F8

MOUNTING ACCESSORIES

Optional:

PFA130-E
Junction Box

PFA152-E
Pole Mount

PFM321D
DC12V1A
Power Adapter

TDF1241D3F4

DAHUA SKU: DH-TPC-DF1241P-D3F4

Thermal Network Mini Hybrid Eyeball Camera

- 256x192 VOx uncooled thermal sensor technology
- Athermalized Lens (thermal), Focus-free
- 1/2.8" 4Megapixel progressive scan CMOS
- Support ROI, motion detection, color palettes
- Smart alarm linkage with strobe light & audio
- Support Fire detection & alarm
- Built-in 1/1 alarm in/out
- Micro SD memory, IP66, PoE

Variants

- TDF1241D7F8
  DAHUA SKU: DH-TPC-DF1241P-D7F8

MOUNTING ACCESSORIES

Optional:

PFA130-E
Junction Box

PFB203W
Wall Mount

PFA106
Mount Adapter

PFB220C
Ceiling Mount

PFM320D
DC12V1A Power Adapter

Traffic

Overview

With an industry-specific GS-CMOS image sensor, high-performance CPU processor, and deep learning algorithm, the AI enforcement camera features ultra-high definition, applicable for traffic violation snapshots in E-police and ANPR modes, records of passing vehicles, collection of traffic information, event detection, etc.

Access ANPR cameras are designed for number plate monitoring in low-speed scenarios, such as car parks, petrol stations, campus streets, etc. It is suitable for vehicle entrance and exit management as it has a whitelist function and the ability to control barrier gates. With embedded ANPR algorithms and true WDR, the Access ANPR camera can accurately detect and recognise vehicle number plates in all environments.

- **Vehicle Structure:** 11 vehicle size and 11 vehicle colours in daytime
- **Night-time Images Improved:** highlight the number, improve headlight control, characters identifiable
- **GS CMOS Sensor:** WDR, Low illuminance index

Highlights

- **Vehicle Structure:** 11 vehicle size and 11 vehicle colours in daytime

- 11 vehicle size and 11 vehicle colours in daytime.
- Identify and search for the vehicle not only through ANPR but also through all the other characters.

- Highlight the license plate to see the characters clearly.
- Improved headlight control to clearly see the whole vehicle in the dark.

Common Night Effect   New AI Model

- **GS CMOS Sensor:**
Industry-specific GS-CMOS image sensor with high sensitivity, high SNR, and excellent WDR provides lifelike images in all weather conditions.

Wide dynamic range is one of the key indexes of ITS. Traditional CCD camera, based on its inherent characteristics, even with multiple exposures, GS CMOS camera, WDR has reached 64dB, greatly improving the image in the backlight environment.

Low illuminance index is another important index to test the intelligent traffic camera. The actual illumination of traditional CCD camera can usually reach moonlight levels of 0.01Lux. GS CMOS camera has a starlight level of 0.001Lux.

GS CMOS structure eliminates the Smear effect in principle, and can take a clear image of the centre of harsh light or under harsh light, which is especially suitable for scenes with harsh light during day and night.

2 Lanes: ITC352-RU2D-IRL8
3 Lanes: ITC952-RU2D-IRL8

AI Enforcement Camera

- GS-CMOS image sensor
- Video compression standards: H.265/H.264M/H.264H/ H.264B/MJPEG
- Integrated design, IP67

MOUNTING ACCESSORIES
Optional:

PFA162
3-dimensional universal
mounting bracket

2MP: ITC215PW6MIRLZFB

DAHUA SKU: DHI-ITC215-PW6M-IRLZF-B

Short Range ANPR Camera (3-8m)

- 1/2.8 inch 2Megapixel Progressive scan CMOS
- WDR, Day/Night (ICR), 3DNR,BLC, HLC
- H.265 & H.264 dual-stream encoding
- Micro SD memory
- Powerful 2.7-13.5mm motorized lens and IR light, ideal for monitor ANPR distance 3-8m
- IP67, and superior performance for outdoor applications
- Embedded with LPR algorithm inside the camera
- Vehicle data structuring: number plate recognition, vehicle size, vehicle colour detection, etc.

2MP: ITC237-PW6M-IR

DAHUA SKU: DHI-ITC237-PW6M-IRLZF1050-B

Long Range ANPR Camera (8-30m)

- 1/1.8 inch 2Megapixel Progressive scan CMOS
- WDR, Day/Night (ICR), 3DNR,BLC, HLC
- H.265 & H.264 dual-stream encoding
- Micro SD memory
- Powerful 10-50mm motorized lens and IR light, ideal for monitor ANPR distance 8-25m
- IP67, and superior performance for outdoor applications
- Embedded with LPR algorithm inside the camera
- Vehicle data structuring: number plate recognition, vehicle size, vehicle colour detection, etc.

IPMECS-2201C-IR

2 Megapixel Full AI Access ANPR Kit

- Integrates capture camera, display screen, audio prompt and audio intercom
- Built-in 2MP deep learning camera adapting to more scenes
- Highlight display screen with a large visual angle and long service life
- Simple construction, simple wiring and easy maintenance
- Embedded with LPR algorithm inside the camera
- Vehicle data structuring: LPR, vehicle size, and vehicle colour detection, etc.

WizMind NVR
NVR5000-I

Overview

Adopts powerful processor, providing the capability of 4K resolution processing for applications where image details are highly required. Additionally, the NVR can serve as edge storage, central storage or backup storage with an intuitive shortcut operation menu for remote management and control.

With build-in deep learning module, NVR5000-I series products adopt video image structuring technology based on deep learning algorithms, achieving high-precision human face recognition and perimeter protection. By applying deep learning artificial intelligence, NVR5000-I allows users to focus on what matters most, improves event response time and helps make actionable videos.

- Face Recognition (up to **4ch**, **24** faces/sec, **20** databases with up to **100,000** faces)
- Perimeter Protection (up to **16ch**, false alarm rate of less than **2%**)
- Metadata (up to **4ch**, **5** face attributes, **7** car attributes, **6** human body attributes)
- Compatible with ANPR/Thermal Camera

Highlights

• Face Recognition

This technology is capable of identifying or verifying a person in a digital image, or in a video frame of a video source. It compares facial features from a given image with the face images in the database.

Benefits:

i. Real-time Recognition

Features preview and verification of persons in real-time. Allows active comparison with database and setting of alarm triggers.

Supports up to 24 pictures/s face recognition and 20 databases with up to 100,000 face images.

ii. Metadata Search

Enhances search accuracy and efficiency.

Finds the target person quickly with facial metadata, including age, gender, glasses, mask, beard and expression.

iV. Image search

Searching via face image function enables operators to quickly and easily search through multiple channels within 7 days, letting them know when and where a person of interest has appeared.

Offers high accuracy in searching target persons (even those that are not in the database) by uploading face images.

Allows up to 8 target face images search at the same time.

Supports similarity threshold set for each target face image.

Applications:

• Business Parks, Schools and other entrances and exits attendance by Face Detection
• Main entrances and exits of Urban and Towns and Irregular Security Monitoring Point, Escaped Prisoner Identification
• Prison Entrance, Registration and Identification of Visitors
• Entrance of Supermarket/Shopping Mal, Petty Thief Recognition
• Football Field Entrance, Hooligan Recognition
• Key Areas of Banks, Non-staff forbidden

• Perimeter protection

Scan the QR code to
watch the video

Applications:

• Monitoring Zone(Park Perimeter,Farm Fence,Villa/Garden,Garage Entrance,Retail Store)
• Limited Access Area(Scenic Area,Museum,Danger Area,Warehouse,Parking Violation Area)

• Metadata

Metadata of Face, Vehicle, Human body, and Non-motor vehicle siginifically makes it easier for users to locate objects of interest.

16ch 2HDD: NVR5216-16P-I

DAHUA SKU: DHI-NVR5216-16P-I

16Channel 1U 16PoE AI Network Video Recorder

- 16-Channel IP video access
- Smart H.265+/H.265/Smart H.264+/H.264/MJPEG
- Up to 16 channels for perimeter protection
- Up to 4 channels for video stream face recognition
- Supports up to 24 face pictures/sec processing
- Supports up to 20 face databases with 100,000 face images in total
- 1-8 PoE Ports support ePoE & EoC

32ch 4HDD: NVR5432-16P-I

DAHUA SKU: DHI-NVR5432-16P-I

32Channel 1.5U 16PoE AI Network Video Recorder

- 32-Channel IP video access
- Smart H.265+/H.265/Smart H.264+/H.264/MJPEG
- Up to 16 channels for perimeter protection
- Up to 4 channels for video stream face recognition
- Supports up to 24 face pictures /sec processing
- Supports up to 20 face databases with 100,000 face images in total
- 1-8 PoE Ports support ePoE & EoC

64ch 8HDD: NVR5864-I

DAHUA SKU: DHI-NVR5864-I

64Channel 2U AI Network Video Recorder

- 64 Channel IP video access
- Smart H.265+/H.265/Smart H.264+/H.264/MJPEG
- Up to 16 Channel perimeter protection
- Up to 4 Channel video stream face recognition
- Up to 24 face pictures /sec processing
- Up to 20 face databases with 100,000 face images in total

WizSense NVR
NVR4000-I/NVR2000-I

Overview

Dahua's new NVR4000-I/NVR2000-I network video recorder delivers excellent performance and high recording quality that is ideally suitable for IP video surveillance applications. It can provide the capability of 4K resolution processing for applications where image details are highly required. It also supports input, recording and transmission functions. NVR4000-I/NVR2000-I series products also adopt video image structuring technology based on deep learning algorithms, achieving high-precision human face recognition and perimeter protection.

- Face Recognition (ip to **2ch**, **12** faces/sec, **10** databases with up to **20,000** faces;)
- NVR4000-I Compatible with ANPR (up to **4ch**)
- Perimeter Protection (up to **8ch**, false alarm less than **2%**)

WizSense NVR4000-I/NVR2000-I

2HDD

8ch 2HDD: NVR4208-8P-I
DAHUA SKU: DHI-NVR4208-8P-I
8-Channel 1U 8PoE AI Network Video Recorder

- 8-Channel IP video access
- Smart H.265+/H.265/Smart H.264+/H.264/MJPEG
- Up to 4 channels for perimeter protection
- Up to 2 channels for video stream face recognition / 8 channels for picture stream face recognition (with FD camera)
- Supports up to 12 face pictures/sec processing
- Supports up to 10 face databases with 20,000 face images in total
- 1-8 PoE Ports support ePoE & EoC

2HDD

16ch 2HDD: NVR4216-16P-I
DAHUA SKU: DHI-NVR4216-16P-I
16-Channel 1U 16PoE AI Network Video Recorder

- 16-Channel IP video access
- Smart H.265+/H.265/Smart H.264+/H.264/MJPEG
- Up to 4 channels for perimeter protection
- Up to 2 channels for video stream face recognition / 8 channels for picture stream face recognition (with FD camera)
- Supports up to 12 face pictures/sec processing
- Supports up to 10 face databases with 20,000 face images in total
- 1-8 PoE Ports support ePoE & EoC

2HDD

16ch 2HDD: NVR4216-I
DAHUA SKU: DHI-NVR4216-I
16-Channel 1U AI Network Video Recorder

- 16-Channel IP video access
- Smart H.265+/H.265/Smart H.264+/H.264/MJPEG
- Up to 4 channels for perimeter protection
- Up to 2 channels for video stream face recognition / 8 channels for picture stream face recognition (with FD camera)
- Supports up to 12 face pictures/sec processing
- Supports up to 10 face databases with 20,000 face images in total

1HDD

4ch 1HDD: NVR2104HS-P-I
DAHUA SKU: DHI-NVR2104HS-P-I
4 Channel Compact 1U 4PoE WizSense Network Video Recorder

- New 4.0 user interface
- Remote surveillance, live view and video play on mobile phone App
- Max. decoding capability: 4×1080P@30fps. Supports adaptive decoding
- Supports mainstream cameras of ONVIF and RTSP protocols
- H.264/.H265/Smart H.264+/Smart H.265+/MJPEG, H.265 auto switch
- 1 VGA/1 HDMI simultaneous video output by default

Value IPC

Overview

With upgraded H.265 encoding technology, the Dahua Lite series camera boasts an efficient video encoding capacity that siginificantly saves bandwidth and storage space. This camera adopts the latest Starlight technology and displays colorful images even under environment with low illumination. It also supports SD card storage, waterproof function and dust-proof function, complying to the standards of IP67.

- Wide Dynamic Range (**120db** WDR)
- Intelligent Video Analysis (IVS, **2** modes tripwire and intrusion)
- Starlight (minimun **0.002** Lux/F1.6)
- Wide Voltage Tolerance **±30%**

Value IPC

2MP 3.6mm: IHFW2231TAS3S2
DAHUA SKU: DH-IPC-HFW2231TP-AS-0360B-S2
5MP 2.8mm: IHFW2531SS2S2
DAHUA SKU: DH-IPC-HFW2531SP-S-0280B-S2
8MP 3.6mm: IHFW2831TAS3S2
DAHUA SKU: DH-IPC-HFW2831TP-AS-0360B-S2

IR Fixed-focal Bullet Network Camera

- Smart Codec, high compression rate, low bit rate
- Excellent low light performance
- Built-in IR LED, max. IR distance: 30 m
- Supports max. 256 GB Micro SD card
- IP67 protection

Variants
- 5MP 3.6mm: IHFW2531SS3S2
  DAHUA SKU: DH-IPC-HFW2531SP-S-0360B-S2

MOUNTING ACCESSORIES

Optional:

PFA130-E Junction Box	PFA152-E Pole Mount	PFM321D DC12V1A Power Adapter
LR1002-1ET/1EC Single-port long reach ethernet over coax extender	PFM900-E Integrated Mount tester	PFM114 TLC SD card

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2MP 2.8mm: IHDW2231TMAS2S2
DAHUA SKU: DH-IPC-HDW2231TMP-AS-0280B-S2
5MP 2.8mm: IHDW2531TMAS2S2
DAHUA SKU: DH-IPC-HDW2531TMP-AS-0280B-S2
8MP 2.8mm: IHDW2831TMAS2S2
DAHUA SKU: DH-IPC-HDW2831TMP-AS-0280B-S2

IR Fixed-focal Eyeball Network Camera

- 2.8mm/3.6mm lens optional
- Smart Codec, high compression rate, low bit rate
- Excellent low light performance
- Built-in IR LED, max. IR distance: 30 m
- Built-in MIC
- Supports max. 256 GB Micro SD card
- IP67 protection

Variants
- 2MP 3.6mm: IHDW2231TMAS3S2
  DAHUA SKU: DH-IPC-HDW2231TMP-AS-0360B-S2
- 5MP 3.6mm: IHDW2531TMAS3S2
  DAHUA SKU: DH-IPC-HDW2531TMP-AS-0360B-S2
- 8MP 3.6mm: IHDW2831TMAS3S2
  DAHUA SKU: DH-IPC-HDW2831TMP-AS-0360B-S2

MOUNTING ACCESSORIES

Optional:

PFA130-E Junction Box	PFB203W Wall Mount	PFA152-E Pole Mount	PFM321D DC12V1A Power Adapter
LR1002-1ET/1EC Single-port long reach ethernet over coax extender	PFM900-E Integrated Mount tester	PFM114 TLC SD card	

Fixed-focal

2MP 2.8mm: IHDBW2231ES2S2
DAHUA SKU: DH-IPC-HDBW2231EP-S-0280B-S2
5MP 2.8mm: IHDBW2531ES2S2
DAHUA SKU: DH-IPC-HDBW2531EP-S-0280B-S2
8MP 2.8mm: IHDBW2831ES2S2
DAHUA SKU: DH-IPC-HDBW2831EP-S-0280B-S2

IR Fixed-focal Dome Network Camera

- 2.8mm/3.6mm lens optional
- Smart Codec, high compression rate, low bit rate
- Excellent low light performance
- Built-in IR LED, max. IR distance: 30 m
- Supports max. 256 GB Micro SD card
- IP67, IK10 protection

Variants

- 2MP 3.6mm: IHDBW2231ES3S2
  DAHUA SKU: DH-IPC-HDBW2231EP-S-0360B-S2
- 5MP 3.6mm: IHDBW2531ES3S2
  DAHUA SKU: DH-IPC-HDBW2531EP-S-0360B-S2
- 8MP 3.6mm: IHDBW2831ES3S2
  DAHUA SKU: DH-IPC-HDBW2831EP-S-0360B-S2

MOUNTING ACCESSORIES
Optional:

PFA136 Junction Box	PFA200W Rain Shade	PFB203W Wall Mount	PFA152-E Pole Mount
PFA106 Mount Adapter	DH-PFB220C Ceiling Mount	PFM321D DC12V1A Power Adapter	LR1002-1ET/1EC Single-port long reach ethernet over coax extender
PFM900-E Integrated Mount tester	PFM114 TLC SD card		

Vari-focal

2MP 2.7-13.5mm: IHFW2231TZAS271S2
DAHUA SKU: DH-IPC-HFW2231TP-ZAS-27135-S2
5MP 2.7-13.5mm: IHFW2531TZAS271S2
DAHUA SKU: DH-IPC-HFW2531TP-ZAS-27135-S2
8MP 2.7-13.5mm: IHFW2831TZAS271S2
DAHUA SKU: DH-IPC-HFW2831TP-ZAS-27135-S2

IR Vari-focal Bullet Network Camera

- 2.7mm-13.5mm motorized vari-focal lens
- Smart Codec, high compression rate, low bit rate
- Excellent low light performance
- Built-in IR LED, max. IR distance: 60 m
- Supports max. 256 GB Micro SD card
- IP67 protection

MOUNTING ACCESSORIES
Optional:

PFA130-E Junction Box	PFA152-E Pole Mount	PFM321D DC12V1A Power Adapter
LR1002-1ET/1EC Single-port long reach ethernet over coax extender	PFM900-E Integrated Mount tester	PFM114 TLC SD card

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Vari-focal

2MP 2.7-13.5mm: IHDBW2231RZAS271S2
DAHUA SKU: DH-IPC-HDBW2231RP-ZAS-27135-S2
5MP 2.7-13.5mm:IHDBW2531RZAS271S2
DAHUA SKU: DH-IPC-HDBW2531RP-ZAS-27135-S2
8MP 2.7-13.5mm: IHDBW2831RZAS271S2
DAHUA SKU: DH-IPC-HDBW2831RP-ZAS-27135-S2

IR Vari-focal Dome Network Camera

- 2.7mm-13.5mm motorized vari-focal lens
- Smart Codec, high compression rate, low bit rate
- Excellent low light performance
- Built-in IR LED, max. IR distance: 60 m
- Supports max. 256 GB Micro SD card
- IP67, IK10 protection

MOUNTING ACCESSORIES
Optional:

PFA137 Junction Box	PFB203W Wall Mount	PFA152-E Pole Mount	PFA200W Rain Shade
PFA106 Mount Adapter	DH-PFB220C Ceiling Mount	PFB200C In-Ceiling Mount	PFM321D DC12V1A Power Adapter
LR1002-1ET/1EC Single-port long reach ethernet over coax extender	PFM900-E Integrated Mount tester	PFM114 TLC SD card	

Vari-focal

2MP 2.7-13.5mm: IHDW2231TZS271S2
DAHUA SKU: DH-IPC-HDW2231TP-ZS-27135-S2
5MP 2.7-13.5mm: IHDW2531TZS271S2
DAHUA SKU: DH-IPC-HDW2531TP-ZS-27135-S2
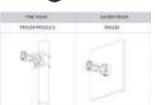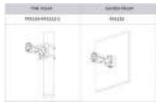**8MP 2.7-13.5mm: IHDW2831TZS271S2**
DAHUA SKU: DH-IPC-HDW2831TP-ZS-27135-S2

IR Vari-focal Eyeball Nework Camera

- 2.7mm-13.5mm motorized vari-focal lens
- Smart Codec, high compression rate, low bit rate
- Excellent low light performance
- Built-in IR LED, max. IR distance: 40 m
- Supports max. 256 GB Micro SD card
- IP67 protection

MOUNTING ACCESSORIES

Optional:

PFA130-E Junction Box	PFB203W Wall Mount	PFA106 Mount Adapter
DH-PFB220C Ceiling Mount	PFA152-E Pole Mount	PFM321D DC12V1A Power Adapter
LR1002-1ET/1EC Single-port long reach ethernet over coax extender	PFM900-E Integrated Mount tester	PFM114 TLC SD card

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Full-Colour

4MP 3.6mm: IHFW2439SSALED3S2
DAHUA SKU: DH-IPC-HFW2439SP-SA-LED-0360B-S2
4MP Lite Full-color Fixed-focal Bullet Network Camera

- 4MP, 1/3" CMOS image sensor, low illuminance, high image definition
- Outputs 4MP (2560 × 1440) @ 25/30 fps, Max. supports 4MP (2688 × 1520) @ 20 fps
- H.265 codec, high compression rate, ultra-low bit rate
- Built-in warm lights, max. illumination distance: 30 m
- Built-in Mic
- Supports max. 256 GB Micro SD card
- 12V DC/PoE power supply
- IP67 protection

MOUNTING ACCESSORIES

Optional:

PFA130-E Junction Box	PFB203W Wall Mount	PFA152-E Pole Mount
PFM900-E Integrated Mount tester	PFM114 TLC SD card	PFM321D DC12V1A Power Adapter
LR1002-1ET/1EC Single-port long reach ethernet over coax extender		

Full-Colour

4MP 3.6mm: IHDW2439TASLED3S2
DAHUA SKU: DH-IPC-HDW2439TP-AS-LED-0360B-S2
4MP Lite Full-color Fixed-focal Turret Network Camera

- 4MP, 1/3" CMOS image sensor, low illuminance, high image definition
- Outputs 4MP (2560 × 1440) @ 25/30 fps, Max. supports 4MP (2688 × 1520) @ 20 fps
- H.265 codec, high compression rate, ultra-low bit rate
- Built-in warm lights, max. illumination distance: 30 m
- Built-in Mic
- Supports max. 256 GB Micro SD card
- 12V DC/PoE power supply
- IP67 protection

MOUNTING ACCESSORIES

PFA130-E Junction Box	PFB203W Wall Mount	PFA152-E Pole Mount
PFM900-E Integrated Mount tester	PFM114 TLC SD card	PFM321D DC12V1A Power Adapter
LR1002-1ET/1EC Single-port long reach ethernet over coax extender		

Ultra NVR Series
NVR600-4KS2 Series

Overview

Dahua's NVR600-4KS2 series network video recorder offers unparalleled recording technology for IP video surveillance applications. For applications where details are critical for identification, this enterprise-level NVR provides a powerful Intel processor with up to 4K resolution. Additionally, the NVR features a mouse shortcut operation menu, remote management and control, central storage, edge storage, and back up storage.

This NVR is ideal for a wide range of applications such as public safety, transportation stations, government institutions, hotel resorts, shopping malls, city centers, and financial institutions, where demand expansion flexibility, high reliability and centralized storage management.

The NVR is compatible with numerous third-party devices making it the perfect solution for surveillance systems with or without a video management system (VMS). Its open architecture supports multi-user access and is compatible with ONVIF 2.4, enabling interoperability when combined with 4K cameras.

- N+M Hot Standby
- RAID 0/1/5/10
- Fisheye Dewarpping
- Compatible with ANPR/Thermal Camera etc.

Highlights

• N+M Hot Standby:
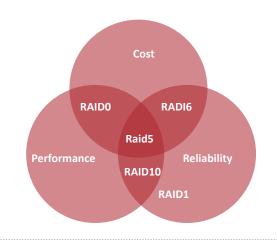
The highly reliable redundancy N+M Hot Standby design provides a secure, failover technique ensuring immediate backup. In the event of a system failure, the slave instantly takes over the master to ensure that no data is lost.

The highly reliable N+M Hot Standby redundancy design provides a secure, fail-over technique ensuring immediate backup.

• RAID:

Offering a balance between storage performance, storage capacity, and data integrity, the NVR features Fruitfull RAID 0/1/5/10 for faster and safer recording.
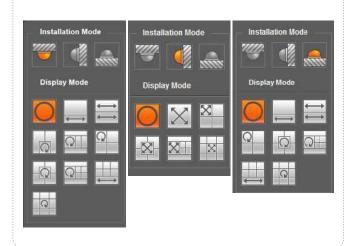- Faster read/write performance; safer and more reliable

• Fisheye Dewarpping:

The NVR features multiple fisheye dewarping modes to make viewing video easy whether its live or during playback.
- Supports different dewarping modes to view details

NVR608-32-4KS2

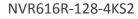**32 Channel Ultra 4K H.265 Network Video Recorder**

- Intel Processor
- Max 32 IP Camera Inputs
- Max 384Mbps Incoming Bandwidth
- Up to 12MP Resolution for Preview and Playback
- Supports RAID 0/1/5/10
- Smart Tracking and Intelligent Video

NVR608-64-4KS2

64Channel Ultra 4K H.265 Network Video Recorder

- Intel Processor
- Max 64/128 IP Camera Inputs
- Max 384Mbps Incoming Bandwidth
- Up to 12MP Resolution for Preview and Playback
- Supports RAID 0/1/5/10
- Smart Tracking and Intelligent Video
- Redundant Power

NVR616R-128-4KS2

128 Channel Ultra 4K H.265 Network Video Recorder

- Intel Processor
- Max 64/128 IP Camera Inputs
- Max 384Mbps Incoming Bandwidth
- Up to 12MP Resolution for Preview and Playback
- Supports RAID 0/1/5/10
- iSCSI and Mini SAS for Expanded Storage Space
- Smart Tracking and Intelligent Video
- Redundant Power

Value NVR
NVR5000-4KS2(E)

Overview

Dahua's NVR5000-4KS2(E) network video recorder delivers excellent performance and high recording quality that is ideally suitable for IP video surveillance applications. This professional NVR adopts powerful processor, providing the capability of 4K resolution processing for applications where image details are highly required. Additionally, the NVR can serve as edge storage, central storage or backup storage with an intuitive shortcut operation menu for remote management and control.

Due to its easy-to-install design, the NVR is ideal for a wide range of application scenarios including public areas, water treatment facilities, transportation, city centers, schools and financial institutions.

The NVR is compatible with numerous third-party devices, which make it the perfect solution for surveillance systems that work independently of video management system (VMS). It features an open architecture that supports multi-user access and is compatible with ONVIF 2.4 protocol, enabling interoperability with 4K cameras.

- Smart Fan
- Hardware Reset
- ANPR by Camera
- P2P
- 4K Resolution Decoding and Display
- Smart Codec Decoding (up to **85%** reduced bandwidth compared to H.264)
- SMD Plus by Camera (less than **2%** false alarm)
- Fisheye Dewarping (**3** Installation mode, **10** dewarping view)
- Perimeter Protection by Camera (less than **2%** false alarm, up to **99%** object classification accuracy)
- ePoE (CAT5e/CAT6 **800m**/10Mbps **300m**/100Mbps) & EoC (RG59 **1000m**/10Mbps, **400m**/100Mbps)

Value NVR5000-4KS2(E)

2HDD

8ch 2HDD: NVR5208-8P-4KS2E
DAHUA SKU: DHI-NVR5208-8P-4KS2E

16ch 2HDD: NVR5216-16P-4KS2E
DAHUA SKU: DHI-NVR5216-16P-4KS2E

8/16 Channel 1U 8/16PoE 4K&H.265 Network Video Recorder

- Smart H.265+/H.265/Smart H.264+/H.264
- Max 320Mbps Incoming Bandwidth
- Up to 12MP Resolution for Preview and Playback
- HDMI/VGA simultaneous video output
- 1-8 PoE ports support 800m ePoE & EoC

4HDD

32ch 4HDD: NVR5432-16P-4KS2E
DAHUA SKU: DHI-NVR5432-16P-4KS2E

32-Channel 1.5U 16PoE 4K&H.265 Network Video Recorder

- Smart H.265+/H.265/Smart H.264+/H.264/MJPEG
- Max 320Mbps Incoming Bandwidth
- Up to 12MP Resolution for Preview and Playback
- 2HDMI/2VGA simultaneous video output
- 1-8 PoE Ports Support 800m ePoE & EoC

8HDD

64ch 8HDD: NVR5864-4KS2
DAHUA SKU: DHI-NVR5864-4KS2(V2.0)

64-Channel 2U 4K&H.265 Network Video Recorder

- Smart H.265+/H.265/Smart H.264+/H.264/MJPEG
- Max 320Mbps Incoming Bandwidth
- Up to 12MP Resolution for Preview and Playback
- 2HDMI/2VGA simultaneous video output

NVR4000-4KS2/L

Overview

Dahua's NVR4000-4KS2/L network video recorder is a highly cost-effective product, providing functions such as local live view, multi-screen display, real-time storage on local HDD, fast operation by mouse, and remote management and control.

- Smart Codec Decoding (up to **85%** reduced bandwidth compared to H.264)
- SMD Plus by Camera

Value NVR4000-4KS2/L

4ch 1HDD: NVR4104HS-P-4KS2

DAHUA SKU: DHI-NVR4104HS-P-4KS2

4 Channel Compact 1U 4PoE 4K&H.265 Network Video Recorder

- Smart H.265+/H.265/Smart H.264+/H.264/MJPEG
- Max 80Mbps Incoming Bandwidth
- Up to 8MP Resolution for Preview and Playback

8ch 2HDD: NVR4208-8P-4KS2

DAHUA SKU: DHI-NVR4208-8P-4KS2

8-Channel 1U 8PoE 4K&H.265 Network Video Recorder

- Smart H.265+/H.265/Smart H.264+/H.264/MJPEG
- Max 200Mbps Incoming Bandwidth
- Up to 8MP Resolution for Preview and Playback

4ch 1HDD: NVR4104HS-P-4KS2L
DAHUA SKU: DHI-NVR4104HS-P-4KS2/L

8ch 1HDD: NVR4108HS-8P-4KS2L
DAHUA SKU: DHI-NVR4108HS-8P-4KS2/L

4/8 Channel Compact 1U 4/8PoE 4K&H.265 Network Video Recorder

- Smart H.265+/H.265/Smart H.264+/H.264/MJPEG
- Max 80Mbps Incoming Bandwidth
- Up to 8MP Resolution for Preview and Playback

16ch 1HDD: NVR4116HS-4KS2/L
DAHUA SKU: DHI-NVR4116HS-4KS2/L

16-Channel Compact 1U 4K&H.265 Network Video Recorder

- Smart H.265+/H.265/Smart H.264+/H.264/MJPEG
- Max 80Mbps Incoming Bandwidth
- Up to 8MP Resolution for Preview and Playback

16ch 2HDD: NVR4216-16P-4KS2L
DAHUA SKU: DHI-NVR4216-16P-4KS2/L

16-Channel 1U 16PoE 4K&H.265 Network Video Recorder

- Smart H.265+/H.265/Smart H.264+/H.264/MJPEG
- Max 128Mbps Incoming Bandwidth
- Up to 8MP Resolution for Preview and Playback

HDCVI

Overview

As the introducer of HDCVI, Dahua continuously enhances its technology leadership in the HDCVI community through its state of the art performance in terms of resolution, intelligence and usability. This year, Dahua unveils HDCVI 6.0 with industry's first 4K real-time and AI capabilities. This brand-new technology provides a superior visual experience both in live view and playback through its 4K real-time solution and AI coding while maintaining the same HDD storage. The two-way talk achieves real-time communication between camera and recorder with a broadcast-quality audio. In addition, HDCVI with enhanced AI can identify humans and vehicles in a video, alerting users with accurate alarms and enabling a quick search with optional "human" or "vehicle" video type. HDCVI is bringing fresh ideas and new possibilities to the industry, and will always provide more economical, safer and more convenient solutions to customers.

- 4K Real-time (**4K**@**25**/**30fps**)
- Two-way Talk
- PoC(max **400m**;save up to **30%** deployment costs)
- Active Deterrence with PIR(**10m**/**110°**detecting range/angle)

- Enhanced AI
- Starlight
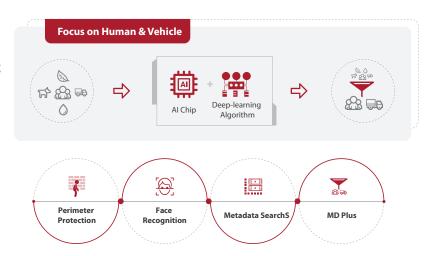- Broadcast-quality Audio (SNR≥**20dB**)

- AI Coding
- Full Color

Highlights

• Enhanced AI

• Adopting independent AI chip with up to 4T computing power and advanced deep-learning algorithm, HDCVI enables precise recognition of human, motor vehicle and non-motor vehicle.
• Enhanced AI supports face recognition, perimeter protection, metadata, SMD Plus etc. that can be used for potential risk prevention, real-time event alarm, and quick enquiry.
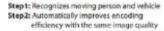
Scan the QR code to watch the video

Focus on Human & Vehicle

AI Chip + Deep-learning Algorithm

Perimeter Protection | Face Recognition | Metadata SearchS | MD Plus

• AI Coding

• Dahua AI takes the video compression to a new level of content-aware encoding which can avoid noise and can produce a more detailed image.
• Automatically encodes with a target perceptual quality through recognition of moving human or vehicle, significantly improving the streaming quality compared with H.265+.
• Decreases the bandwidth when there is no real target in sight, allowing efficient handling of videos to save HDD storage cost.

AI Coding Scheme

Step1: Recognizes moving person and vehicle
Step2: Automatically improves encoding efficiency with the same image quality

Step1: Analysis shows that there is no person or vehicle in the picture
Step2: Lowers the bandwidth when no real targets appear

• 4K Real-time

• 4K real-time is a unique and leading technology in HD-Over-Coax market.
• It restores monitoring location with 30 fps for a better visual experience.
• Offers superior clarity in collecting even tiny details within a large monitoring coverage.
• AI coding saves storage costs, allowing users to enjoy the advantages of upgrading to higher resolution while maintaining the current storage expense.

4K Real-time

4K Non-real ime

Scan the QR code to watch the video

• Two-way Talk

• Two-way talk is a unique and leading technology in HD-Over-Coax market and a breakthrough innovation in Audio-Over-Coax technology.
• Aside from satisfying users' demand for auxiliary audio information, Two-way talk also enables bi-directional audio intercom that can be used to warn off intruders and to provide guidance when an accident occurs.
• Advanced audio noise reduction technology provides "broadcast level" audio quality, providing users with a multi-dimensional and high quality video surveillance solution.

• Full-Colour

HDCVI full-colour camera provides 24-hour colorful image, which presents color details that helps identify people, vehicles or other objects accurately in low-light conditions.

Full-color

B/W

Scan the QR code to watch the video

• Active Deterrence

HDCVI Active Deterrence Solution is designed to provide a simple and reliable video surveillance system that can accurately sound alarm and flash white light when intrusion has been detected. It can also take timely action to prevent further crime, and offer visual verification for alarms.

PIR Triggering

SMD Triggering

Benefit: Provides strong white light and loud siren to warn off intruders, even before the user became aware of the situation.

• Broadcast-quality Audio

With Audio-over-Coax technology, HDCVI system is able to collect audio without extra wiring.

Benefit: By taking advantage of lossless signal transmission technology, HDCVI further enhances audio quality.
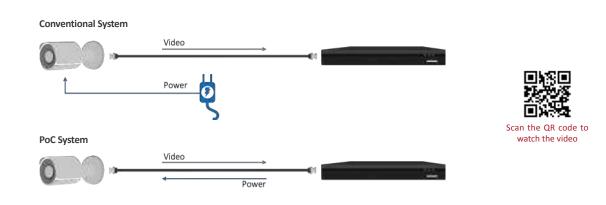
• PoC

PoC, short term for Power over Coax, transmits both video and electrical power over a single coaxial cable. By eliminating separate camera power supplies, HDCVI PoC technology further simplifies HDCVI system deployment, therefore reducing time and cost.

Benefits:

i. Saves up to 30% on system deployment costs and enhances power stability.

ii. It can support maximum of 400m transmission distance.

Fixed-focal

5MP 2.8mm: HHFW1500TA2
DAHUA SKU: DH-HAC-HFW1500TP-A-0280B

HDCVI IR Bullet Camera

- HD and SD output switchable
- 2.8mm/3.6mm lens optional
- Built-in IR LED, max. IR distance: 30 m
- IP67 protection
- Build-in mic ("-A" model)

Variants
- 5MP 3.6mm : HHFW1500TA3
  DAHUA SKU: DH-HAC-HFW1500TP-A-0360B

HUNGARY HUB

MOUNTING ACCESSORIES

Optional:

PFA134 Junction Box	PFA152-E Pole Mount	PFM800-E Passive HDCVI Balun
PFM800-4K Passive Video Balun	PFM800B-4K Passive Video Balun	PFM321 DC12V 1A Power Adapter
PFM320D-015 Power Adapter	PFM300 DC12V 2A Power Adapter	PFM820 UTC Controller

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Fixed-focal

5MP 2.8mm: HHDW1500TLA2
DAHUA SKU: DH-HAC-HDW1500TLP-A-0280B

HDCVI IR Eyeball Camera

- 2.8mm/3.6mm lens optional
- CVI/CVBS/AHD/TVI switchable
- Built-in IR LED, max. IR distance: 30 m
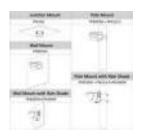- IP67 protection
- Built-in mic ("-A" model)

Variants
- 5MP 3.6mm: HHDW1500TLA3
  DAHUA SKU: DH-HAC-HDW1500TLP-A-0360B

MOUNTING ACCESSORIES

Optional:

PFA130-E Junction Box (For use alone or with PFA152-E pole mount)	PFA12A Plastic Junction Box (For use alone)	PFA152-E Pole Box (For use with PFA130-E junction mount)
PFM820 UTC Controller	PFM800-E Passive HDCVI Balun	PFM800-4K Passive Video Balun
PFM800B-4K Passive Video Balun	PFM320D-015 12V 1.5A Power Adapter	PFM300 DC12V 2A Power Adapter

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Fixed-focal
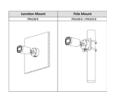
5MP 2.8mm: HHDBW1500E2
DAHUA SKU:DH-HAC-HDBW1500EP-0280B

5MP HDCVI IR Dome Camera

- Max. 20fps@5MP
- HD and SD output switchable
- 3.6mm fixed lens (2.8mm optional)
- Max. IR length 30m, Smart IR
- IP67, IK10, DC12V

MOUNTING ACCESSORIES

Optional:

PFA130-E Junction Box	PFB203W Wall Mount	PFA152-E Pole Mount	PFM800-E Passive HDCVI Balun
PFM800-4K Passive Video Balun	PFM800B-4K Passive Video Balun	PFM321 DC12V 1A Power Adapter	PFM320D-015 Power Adapter
PFM300 DC12V 2A Power Adapter	PFM820 UTC Controller		

Vari-focal

5MP 2.7-12mm: HHFW1500RZIRE6A271
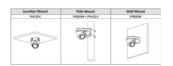DAHUA SKU: DH-HAC-HFW1500RP-Z-IRE6-A-2712

HDCVI IR Bullet Camera

- Built-in mic
- HD and SD output switchable
- 2.7mm-12mm motorized vari-focal lens
- Built-in IR LED, max. IR distance: 60 m
- IP67 protection

MOUNTING ACCESSORIES

Optional:

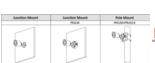|		
PFA130-E Junction Box	PFA152-E Pole Mount	PFM800-E Passive HDCVI Balun
PFM800-4K Passive Video Balun	PFM800B-4K Passive Video Balun	PFM321 DC12V 1A Power Adapter
PFM320D-015 Power Adapter	PFM300 DC12V 2A Power Adapter	PFM820 UTC Controller

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5MP 2.7-12mm: HHDW1500TZA271
DAHUA SKU: DH-HAC-HDW1500TP-Z-A-2712

HDCVI IR Eyeball Camera

- Built-in mic
- HD and SD output switchable
- 2.7mm-12mm motorized vari-focal lens
- Built-in IR LED, max. IR distance: 60 m
- IP67 protection

Vari-focal

GET IT NOW!

Junction Mount	Pole Mount	Wall Mount
PFA130-E	PFB203W + PFA152-E	PFB203W

MOUNTING ACCESSORIES
Optional:

PFA130-E Junction Box	PFB203W Wall Mount	PFA152-E Pole Mount	PFM800-E Passive HDCVI Balun
PFM800-4K Passive Video Balun	PFM800B-4K Passive Video Balun	PFM321 DC12V 1A Power Adapter	PFM320D-015 Power Adapter
PFM300 DC12V 2A Power Adapter	PFM820 UTC Controller		

8MP 2.8mm: HHFW1800TA2
DAHUA SKU: DH-HAC-HFW1800TP-A-0280B

HDCVI IR Bullet Camera
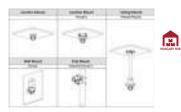
- CVI/CVBS/AHD/TVI switchable
- 2.8mm/3.6mm lens optional
- Built-in IR LED, max. IR distance: 30 m
- IP67 protection
- Build-in mic ("-A" model)

Variants
- 8MP 3.6mm: HHFW1800TA3
  DAHUA SKU: DH-HAC-HFW1800TP-A-0360B

Fixed-focal

GET IT NOW!

HUNGARY HUB

Junction Mount	Junction Mount PFA134	Pole Mount PFA134+PFA152-E

MOUNTING ACCESSORIES
Optional:

PFA134 Water-proof Junction Box	PFB134+PFA152-E Water-proof Junction Box+Pole Mount Bracket		PFM800-4K Passive Video Balun
PFM800B-4K Passive Video Balun	PFM320D Series DC12V 2A Power Adapter	PFM321D Series DC12V 1A Power Adapter	PFM320D-015 DC12V 1.5A Power Adapter

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8MP 2.8mm: HHDW1800TLA2
DAHUA SKU: DH-HAC-HDW1800TLP-A-0280B
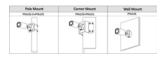
HDCVI IR Eyeball Camera

- 2.8mm/3.6mm lens optional
- CVI/CVBS/AHD/TVI switchable
- Built-in IR LED, max. IR distance: 30 m
- IP67 protection
- Build-in mic ("-A" model)

Variants
- 8MP 3.6mm: HHDW1800TLA3
  DAHUA SKU: DH-HAC-HDW1800TLP-A-0360B

Fixed-focal

GET IT NOW!

HUNGARY HUB

MOUNTING ACCESSORIES
Optional:

PFA130-E Water-proof Junction Box	DH-PFA12A Plastic Junction Box	PFA130-E+PFA152-E Water-proof Junction Box+Pole Mount Bracket
PFA106+ DH-PFB220C Adapter Plate + Ceiling Mount Bracket	PFM800-4K Passive Video Balun	PFM800B-4K Passive Video Balun
		PFM320D-015 DC12V 1.5A Power Adapter

8MP 2.7-13.5mm: HHFW1801RZIRE6A271
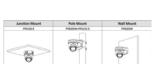DAHUA SKU: DH-HAC-HFW1801RP-Z-IRE6-A-27135

HDCVI IR Bullet Camera

- 120dB true WDR, 3D NR
- Built-in mic
- CVI/CVBS/AHD/TVI switchable
- 2.7mm-13.5mm motorized vari-focal lens
- Built-in IR LED, max. IR distance: 60 m
- IP67 protection

Vari-focal

GET IT NOW!

Pole Mount	Corner Mount	Wall Mount
PFA152-E+PFA135	PFA151+PFA135	PFA135

MOUNTING ACCESSORIES
Optional:

PFA135 Wall box (For use alone or with PFA152-E pole mount)	PFA152-E Pole Mount (For use with PFA135 Junction Box)	PFA151 Corner mount (For use with PFA135 Junction Box)
PFM800-4K Passive Video Balun	PFM800B-4K Passive Video Balun	PFM320D-015 Power Adapter · PFM300 DC12V 2A Power Adapter

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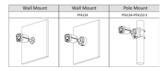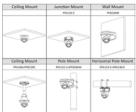## 8MP 2.7-13.5mm: HHDW1801TZA271

DAHUA SKU: DH-HAC-HDW1801TP-Z-A-27135

HDCVI IR Eyeball Camera

- 120dB True WDR, 3DNR
- Built-in mic
- CVI/CVBS/AHD/TVI switchable
- 2.7mm-13.5mm motorized vari-focal lens
- Built-in IR LED, max. IR distance: 60 m
- IP67 protection

Vari-focal

Junction Mount	Pole Mount	Wall Mount
PFA130-E	PFB203W+PFA152-E	PFB203W

MOUNTING ACCESSORIES

Optional:

PFA130-E Junction box (For use alone)	PFB203W Wall mount (For use alone or with PFA152 pole mount)	PFA152-E Pole Mount (For use with PFB203W wall mount)
PFM800-4K Passive Video Balun	PFM800B-4K Passive Video Balun	PFM320D-015 Power Adapter / PFM300 DC12V 2A Power Adapter

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5MP 3.6mm: HACHDW1509TALED036

DAHUA SKU: DH-HAC-HFW1509TLMP-A-LED-0360B

Full-colour Starlight HDCVI Bullet Camera

- Full-color Starlight
- Audio in interface, built-in mic
- CVI/CVBS/AHD/TVI switchable
- 3.6mm lens
- IP67 protection
- 40 m LED distance

Full-colour

Wall Mount	Wall Mount	Pole Mount
	PFA134	PFA134+PFA152-E

MOUNTING ACCESSORIES

Optional:

PFA134 + PFA152-E Water-proof Junction Box + Pole Mount Bracket	PFA134 Water-proof Junction Box	PFM820 UTC Controller
PFM800-E Passive HDCVI Balun	PFM800-4K Passive Video Balun	PFM907 Integrated Mount Tester / PFM320D DC12V 2A Power Adapter

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5MP 3.6mm: HHDW1509TALED3
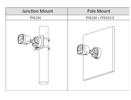
DAHUA SKU: DH-HAC-HDW1509TP-A-LED-0360B

Full-colour Starlight HDCVI Eyeball Camera

- Full-color Starlight
- Audio in interface, built-in mic
- CVI/CVBS/AHD/TVI switchable
- 3.6mm lens
- IP67 protection
- 40 m LED distance

Full-colour

Ceiling Mount	Junction Mount	Wall Mount
PFA130-E		PFB204W
Ceiling Mount	Pole Mount	Horizontal Pole Mount
PFA106+PFB220C	PFA152-E+PFB204W	PFA152-E+PFA130-E

MOUNTING ACCESSORIES

Optional:

PFA130-E Water-proof Junction Box	PFB204W Water-proof Wall Mount Bracket	PFA106 + DH-PFB220C Adapter Plate + Ceiling Mount Bracket
PFA152-E + PFB204W Pole Mount Bracket + Water-proof Wall Mount Bracket	PFA152-E + PFA130-E Pole Mount Bracket + Water-proof Junction Box	PFM820 UTC Controller
PFM800-E Passive HDCVI Balun	PFM800-4K Passive Video Balun	PFM907 Integrated Mount Tester / PFM320D DC12V 2A Power Adapter

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5MP 2.8mm: HME1500D2

DAHUA SKU: DH-HAC-ME1500DP-0280B

Active Deterrence HDCVI Bullet Camera

- Built-in PIR, 10m/110°detecting range/angle
- Active deterrence with white light & siren
- HD and SD output switchable
- 2.8mm/3.6mm lens options
- Built-in IR LED, max. IR distance: 20 m
- IP67 protection
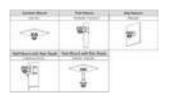
Variants
- 5MP 3.6mm: HME1500D3
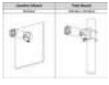 DAHUA SKU: DH-HAC-ME1500DP-0360B

Active Deterrence

Junction Mount	Pole Mount
PFA134	PFA134 + PFA152-E

MOUNTING ACCESSORIES

Optional:

PFA130-E Junction Box	PFA152-E Pole Mount	PFM820 UTC Controller
PFM800-E Passive HDCVI Balun	PFM800-4K Passive Video Balun	PFM800B-4K Passive Video Balun
PFM321 DC12V 1A Power Adapter	PFM320D-015 Power Adapter	PFM300 Power Adapter

5MP 2.8mm: HME1500ELED2

DAHUA SKU: DH-HAC-ME1500EP-LED-0280B

Active Deterrence HDCVI Eyeball Camera

- Built-in PIR, 10m/110°detecting range/angle
- HD and SD output switchable
- 2.8mm/3.6mm lens options
- Built-in IR LED, max. IR distance: 20 m
- IP67 protection

Variants

- 5MP 3.6mm: HME1500ELED3
  DAHUA SKU: DH-HAC-ME1500EP-LED-0360B

MOUNTING ACCESSORIES

Optional:

PFA130-E Junction Box	PFA152-E Pole Mount	PFA151 Corner Mount	PFB203W Wall Mount
PFA106 Adapter Plate	DH-PFB220C Ceiling Mount Bracket	PFM800-4K Passive Video Balun	PFM800B-4K Passive Video Balun
PFM321 DC12V 1A Power Adapter	PFM320D-015 Power Adapter	PFM300 DC12V 2A Power Adapter	PFM800-E Passive HDCVI Balun

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5MP 3.6mm: HHFW1500TAPOC3

DAHUA SKU: DH-HAC-HFW1500TP-A-POC-0360B

HDCVI POC IR Bullet Camera

- Built-in mic
- HD and SD output switchable
- 3.6mm lens
- Built-in IR LED, max. IR distance: 30 m
- IP67 protection
- POC

MOUNTING ACCESSORIES

Optional:

| PFA130-E Junction Box | PFA152-E Pole Mount |
| PFM321 DC12V 1A Power Adapter | PFM320D-015 Power Adapter | PFM300 Power Adapter |

5MP 2.8mm: HHDW1500EMAPOC2

DAHUA SKU: DH-HAC-HDW1500EMP-A-POC-0280B

HDCVI POC IR Eyeball Camera

- Built-in mic
- HD and SD output switchable
- 2.8mm/3.6mm lens options
- Built-in IR LED, max. IR distance: 50 m
- IP67 protection
- POC

Variants

- 5MP 3.6mm: HHDW1500EMAPOC3
  DAHUA SKU: DH-HAC-HDW1500EMP-A-POC-0360B

MOUNTING ACCESSORIES

Optional:

| PFA130-E Junction Box | PFB204W Wall Mount | PFA152-E Pole Mount |
| PFM321 DC12V 1A Power Adapter | PFM320D-015 Power Adapter | PFM300 Power Adapter |

5MP 2.7-12mm: HHFW1500RZIRE6P271

DAHUA SKU: DH-HAC-HFW1500RP-Z-IRE6-POC-2712
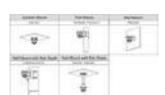
HDCVI POC IR Bullet Camera

- HD and SD output switchable
- 2.7mm-12mm motorized vari-focal lens
- Built-in IR LED, max. IR distance: 60 m
- IP67 protection
- POC

MOUNTING ACCESSORIES

Optional:

| PFA130-E Junction Box | PFA152-E Pole Mount |
| PFM320D-015 Power Adapter | PFM300 Power Adapter |

5MP 2.7-12mm: HHDW1500TZAPOC271
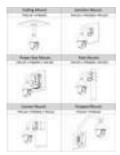
DAHUA SKU: DH-HAC-HDW1500TP-Z-A-POC-2712

HDCVI POC IR Eyeball Camera

- Built-in mic
- HD and SD output switchable
- 2.7mm-12mm motorized vari-focal lens
- Built-in IR LED, max. IR distance: 60 m
- IP67 protection
- POC

POC Vari-focal

MOUNTING ACCESSORIES
Optional:

PFA130-E Junction Box	PFB203W Wall Mount	PFA152-E Pole Mount
PFM321 DC12V 1A Power Adapter	PFM320D-015 Power Adapter	PFM300 Power Adapter

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2MP: SD59225-HC-LA
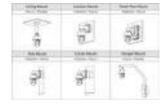
DAHUA SKU: DH-SD59225-HC-LA

Starlight IR PTZ HDCVI Camera

- Powerful 25x optical zoom
- Starlight technology
- 120dB true WDR, 3D DNR
- IR distance up to 150m
- IP66 protection
- Power Supply: AC24V

MOUNTING ACCESSORIES
Included:

PFB300S Wall Mount	PFA110 Mount Adapter	AC24V/3A Power Adapter

Optional:

PFA140 Power Box	PFB300C Ceiling Mount	PFA120 Junction Box
PFA150 Pole Mount	PFA151 Corner Mount	PFB303S Parapet Mount

2MP: SD49225-HC-LA

DAHUA SKU: DH-SD49225-HC-LA

Starlight IR PTZ HDCVI Camera

- Powerful 25x optical zoom
- Starlight technology
- 120dB true WDR, 3D DNR
- IR distance up to 100m
- IP66 protection
- Power Supply: DC12V

MOUNTING ACCESSORIES
Included:

PFB305W Wall Mount

Optional:

PFA111 Mount Adapter	PFM320-030-BS-S DC12V/3A Power Adapter	PFA140 Power Box	PFB300C Ceiling Mount
PFA120 Junction Box	PFA150 Pole Mount	PFA151 Corner Mount	PFB303S Parapet Mount

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HDCVI Recorder

4ch 1HDD: XVR7104HE-4K-I2
DAHUA SKU: DH-XVR7104HE-4K-I2

8ch 1HDD: XVR7108HE-4K-I2
DAHUA SKU: DH-XVR7108HE-4K-I2

4/8 Channel Penta-brid 4K Mini 1U Digital Video Recorder

- H.265+/H.265 dual-stream video compression
- Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- Supports 8/16 channels of IPC access, each channel up to 8MP input
- Max 32/64Mbps Incoming Bandwidth
- IoT & POS functionalities
- Perimeter Protection and SMD Plus
- Up to 2 channels (analog channel) for video stream human face recognition

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XVR7216AN-4K-I2
DAHUA SKU: DH-XVR7216AN-4K-I2

16-Channel Penta-brid 4K 1U Digital Video Recorder

- H.265+/H.265 dual-stream video compression
- Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- Supports 32 channels of IPC access, each channel up to 8MP input
- Max 128Mbps Incoming Bandwidth
- IoT & POS functionalities
- Perimeter Protection and SMD Plus
- Up to 2 channels (analog channel) for video stream human face recognition

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16ch 4HDD: XVR7416L-4K-I2
DAHUA SKU: DH-XVR7416L-4K-I2

16-Channel Penta-brid 4K 1.5U Digital Video Recorder

- H.265+/H.265 dual-stream video compression
- Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- Supports 32 channels of IPC access, each channel up to 8MP input
- Max 128Mbps Incoming Bandwidth
- IoT & POS functionalities
- Perimeter Protection and SMD Plus
- Up to 2 channels (analog channel) for video stream human face recognition

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4ch 1HDD: XVR5104HS-4KL-I2
DAHUA SKU: DH-XVR5104HS-4KL-I2

8ch 1HDD: XVR5108HS-4KL-I2
DAHUA SKU: DH-XVR5108HS-4KL-I2

4/8 Channel Penta-brid 4K Lite Compact 1U Digital Video Recorder

- H.265+/H.265 dual-stream video compression
- Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- Supports 8/16 channels of IPC access, each channel up to 8MP input
- Max 32/64Mbps Incoming Bandwidth
- IoT & POS functionalities
- Perimeter Protection and SMD Plus
- Up to 2 channels (analog channel) for video stream human face recognition

16ch 2HDD: XVR5216AN-4KL-I2
DAHUA SKU: DH-XVR5216AN-4KL-I2

32ch 2HDD: XVR5232AN-4KL-I2
DAHUA SKU: DH-XVR5232AN-4KL-I2

16/32 Channel Penta-brid 4K Lite 1U Digital Video Recorder

- H.265+/H.265 dual-stream video compression
- Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- Supports 32/64 channels of IPC access, each channel up to 8MP input
- Max 96/128Mbps Incoming Bandwidth
- IoT & POS functionalities
- Perimeter Protection and SMD Plus
- Up to 2 channels (analog channel) for video stream human face recognition

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16ch 4HDD: XVR5416L-4KL-I2
DAHUA SKU: DH-XVR5416L-4KL-I2

32ch 4HDD: XVR5432L-4KL-I2
DAHUA SKU: DH-XVR5432L-4KL-I2

16/32 Channel Penta-brid 4K Lite 1.5U Digital Video Recorder

- H.265+/H.265 dual-stream video compression
- Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- Supports 32/64 channels of IPC access, each channel up to 8MP input
- Max 96/128Mbps Incoming Bandwidth
- IoT & POS functionalities
- Perimeter Protection and SMD Plus
- Up to 2 channels (analog channel) for video stream human face recognition

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4ch 1HDD: XVR5104HS-I2
DAHUA SKU: DH-XVR5104HS-I2

8ch 1HDD: XVR5108HS-I2
DAHUA SKU: DH-XVR5108HS-I2

4/8 Channel Penta-brid 1080P 5M Lite Compact 1U Digital Video Recorder

- H.265+/H.265 dual-stream video compression
- Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- Max 6/12 channels IP camera inputs, each channel up to 6MP
- Max 24/48Mbps incoming bandwidth
- Perimeter Protection and SMD Plus
- Up to 2 channels (analog channel) for video stream human face detection
- IoT & POS functionalities

16ch 2HDD: XVR5216AN-I2
DAHUA SKU: DH-XVR5216AN-I2
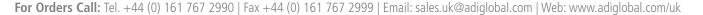
32ch 2HDD: XVR5232AN-I2
DAHUA SKU: DH-XVR5232AN-I2

16/32 Channel Penta-brid 5M Lite 1U Digital Video Recorder

- H.265+/H.265 dual-stream video compression
- Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- Max 24/32 channels IP camera inputs, each channel up to 6MP
- Max 96/128Mbps incoming bandwidth
- Perimeter Protection and SMD Plus
- Up to 2 channels (analog channel) for video stream human face detection
- IoT & POS functionalities

4ch 1HDD: DH-XVR5104H-X-4P

DAHUA SKU: DH-XVR5104H-X-4P

4-Channel Penta-brid 1080P 5M Lite Mini 1U Digital Video Recorder

- H.265+/H.265 dual-stream video compression
- Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- Max 6/12 channels IP camera inputs, each channel up to 6MP;
- Supports SMD, human face detection, IVS
- All-channel support HDCVI PoC AT & AF camera

8ch 1HDD: XVR5108H-X-8P

DAHUA SKU: DH-XVR5108H-X-8P

8-Channel Penta-brid 1080P 5M Lite Mini 1U Digital Video Recorder

- H.265+/H.265 dual-stream video compression
- Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- Max 6/12 channels IP camera inputs, each channel up to 6MP;
- Supports SMD, human face detection, IVS
- All-channel support HDCVI PoC AT & AF camera

16ch 2HDD: XVR5216AN-X-16P

DAHUA SKU: DH-XVR5216AN-X-16P

16-Channel Penta-brid 1080P 5M Lite 1U Digital Video Recorder

- H.265+/H.265 dual-stream video compression
- Supports HDCVI/AHD/TVI/CVBS/IP video inputs Max 24 channels IP camera inputs, each channel up to 6MP
- Max 96Mbps Incoming Bandwidth
- Supports SMD, human face detection, IVS
- All-channel support HDCVI PoC AT & AF camera

4ch 1HDD: XVR5104H-4KL-X-4P

DAHUA SKU: DH-XVR5104H-4KL-X-4P

8ch 1HDD: XVR5108H-4KL-X-8P

DAHUA SKU: XVR5104H-4KL-X-8P

4/8-Channel Penta-brid 4K Lite Mini 1U Digital Video Recorder

- H.265+/H.265 dual-stream video compression
- Supports HDCVI/AHD/TVI/CVBS/IP video inputs Max 12 channels IP camera inputs, each channel up to 8MP
- Max 48Mbps incoming bandwidth
- Smart Search and Intelligent Video System
- Total 48W output power consumption; Supports max 8 channels Lite series PoC cameras inputs or 4 channels Pro series PoC cameras inputs
- Note: HDCVI PoC system temporarily does not support balun access and UTP transmission

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16ch 2HDD: XVR5216AN4KLX16P

DAHUA SKU: DH-XVR5216AN-4KL-X-16P

16-Channel Penta-brid 4K Lite 1U Digital Video Recorder

- H.265+/H.265 dual-stream video compression
- Supports HDCVI/AHD/TVI/CVBS/IP video inputs Max 24 channels IP camera inputs, each channel up to 8MP;
- Max 96Mbps incoming bandwidth
- Smart Search and Intelligent Video System
- Total 96W output power consumption; Supports max 16 channels Lite series PoC cameras inputs or 8 channels
- Pro series PoC cameras inputs.
- Note: HDCVI PoC system temporarily does not support balun access and UTP transmission

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Transmission
Switch
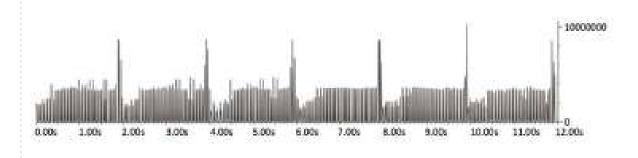
WHY DAHUA SWITCH ?

• High reliable components (power, switch chip, PSE chip)

Top chip and power from world-leading video surveillance solution provider to ensure the quality and reliability.

• Non-blocking video transmission

Video stream characteristic is different from the ordinary stream. Sudden increase of video stream brings high pressure to the data forwarding of switch. The flow control function of Dahua switch is enabled by default and large hardware buffer can best ease the sudden data peak and smooth the video stream.

• Industrial-grade design

Dahua switch is designed to work under extreme environments, such as wide temperature range and lightning environment. Dahua switch can reach lightning protection level 3. Accelerated Life Testing (ALT) is performed to ensure the high reliability and long life time.

• Video pressure test

It is an important feature of how a switch can handle the big amount of video streams in video surveillance. Rich experience in video surveillance has enabled Dahua to design and manufacture the best switches for video surveillance. At the same time Dahua switch has passed the high video pressure test in minimal 200 IP cameras test environment which demonstrates high product reliability.

• Security

Dahua switch is capable of realizing control upon access device and avoiding network intrusion via 802.1X, MAC Binding and MAC filter.
Moreover, Dahua switch is equipped with power management mechanism, which guarantees the power supply of high-priority port and also protect the switch not to be damaged.

PoE Switch

PFS3006-4ET-60

4-Port PoE Switch (Unmanaged)

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

PFS3010-8ET-96

8-Port PoE Switch (Unmanaged)

- Layer two commercial switch
- Supports PoE power management
- Supports wall-mount installation
- Supports anti-theft lock hole
- MAC auto learning and aging, MAC address capacity is 16K
- Supports IEEE802.3, IEEE802.3u and IEEE802.3X standards
- RJ45 port supports 10/100 Mbps self-adaptation
- Supports 250 meters long distance PoE transmission
- Conforms to IEEE802.3af and IEEE802.3at power supply standard.
- Port 1 supports Hi-PoE 60W power supply

Variants
- 8-Port PoE with 1-Optical port Switch: PFS3110-8ET-96

PFS4218-16ET-240

DAHUA SKU: DH-PFS4218-16ET-240

16-Port PoE Switch

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

PFS4226-24ET-360

DAHUA SKU: DH-PFS4226-24ET-360

24-Port PoE Switch

- Layer 2 management PoE switch
- PoE budget: 360W
- Support PoE, PoE+, Hi-PoE
- 'Orange port' support Hi-PoE, can be used with the PoE extender (PFT1300)
- 250 meters long distance PoE transmission
- PoE management, PoE Setting/Event Statistics/Green PoE
- Search and upgrade via ConfigTool
- Support Web management
- High lightning protection design
- Non-blocking video transmission

PFS4210-8GT-DP

DAHUA SKU: DH-PFS4210-8GT-DP

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

- Supports long distance PoE transmission up to 800m with ePoE technology
- Layer-two ePoE switch
- MAC auto study and aging, MAC address list capacity is 8K
- Conform IEEE802.3, IEEE802.3u, IEEE802.3ab/z and IEEE802.3X standards
- Supports IEEE802.3af, IEEE802.3at, Hi-PoE standard
- Industrial wide temperature design
- Port indicator light is to display the status of current transmission mode for the port, which includes IEEE, E100 and E10

PFS4212-8GT-96

DAHUA SKU: DH-PFS4212-8GT-96

12-Port Managed Desktop Gigabit Switch with 8-Port PoE

- Layer 2 network management PoE switch
- Network redundancy: STP/RSTP/MSTP
- Network management based on SNMP
- IEEE802.3af, IEEE802.3at standard and Hi-PoE 60W
- Large data buffer up to 4 MB, real-time transmission
- MAC auto study and aging, and MAC address list capacity is 8K
- Meet Class B Electromagnetic Compatibility Standard

PFS4218-16GT-190

DAHUA SKU: DH-PFS4218-16GT-190

PFS4218-16GT-240

DAHUA SKU: DH-PFS4218-16GT-240

16-Port PoE Gigabit Managed Switch

- Layer 2 network management PoE switch
- Support IEEE802.3af, IEEE802.3at standard
- Support Hi-PoE 60W
- Network Redundancy: STP/RSTP/MSTP
- Support IPv4/IPv6, and DHCP
- Network management based on SNMP
- Configuration: Web, Telnet, CLI Command
- QoS (IEEE802.1p/1Q), CoS/ToS to Increase Determinism
- Enhanced Network Security with IEEE802.1X, SNMP v1/v2c/v3, HTTPS, and SSH/SSL
- Large data cache(4M), real-time transmission
- MAC auto study and aging, MAC address list capacity is 8K
- EMC high protection design

PFS4226-24GT-240
DAHUA SKU: DH-PFS4226-24GT-240

PFS4226-24GT-360
DAHUA SKU: DH-PFS4226-24GT-360

24-Port PoE Gigabit Managed Switch

- Layer 2 network management PoE switch
- Support IEEE802.3af, IEEE802.3at standard
- Support Hi-PoE 60W
- Network Redundancy: STP/RSTP/MSTP
- Support IPv4/IPv6, and DHCP
- Network management based on SNMP
- Configuration: Web, Telnet, CLI Command
- QoS (IEEE802.1p/1Q), CoS/ToS to Increase Determinism
- Enhanced Network Security with IEEE802.1X, SNMP v1/v2c/v3, HTTPS, and SSH/SSL
- Large data cache(4M), real-time transmission
- MAC auto study and aging, MAC address list capacity is 8K
- EMC high protection design

ePoE Switch

LR2110-8ET-120
DAHUA SKU: DH-LR2110-8ET-120

8-Port ePoE Switch

- Supports long distance PoE transmission up to 800m with ePoE technology
- Layer-two ePoE switch
- MAC auto study and aging, MAC address list capacity is 8K
- Conform IEEE802.3, IEEE802.3u, IEEE802.3ab/z and IEEE802.3X standards
- Supports IEEE802.3af, IEEE802.3at, Hi-PoE standard
- Industrial wide temperature design
- Port indicator light is to display the status of current transmission mode for the port, which includes IEEE, E100 and E10

LR2218-16ET-240
DAHUA SKU: DH-LR2218-16ET-240

16-Port PoE Switch with 8-Port ePoE

- Supports long distance PoE transmission up to 800m with ePoE technology
- Layer-two web managed ePoE switch
- Port 1-8 support three self-adaptive transmission modes which are IEEE, E100 and E10
- Port 1-8 support both twisted-pair transmission and coaxial cable transmission
- Support web management: port management, 802.1Q VLAN, STP/RSTP, LACP, 802.1X, QoS
- Support PoE management, Green PoE, Legacy Support
- Conform IEEE802.3, IEEE802.3u, IEEE802.3ab/z and IEEE802.3X standards

Access Switch

Access

HUNGARY HUB

5-Port PFS3005-5GT
DAHUA SKU: DH-PFS3005-5GT

5-Port Gigabit Switch (Unmanaged)

- Layer 2 unmanaged access switch
- All gigabit Ethernet ports
- Lightning protection
- Plug and play
- Adopts metal enclosure
- Good heat dissipation

Access

HUNGARY HUB

8-Port PFS3008-8GT
DAHUA SKU: DH-PFS3008-8GT

8-Port Gigabit Switch (Unmanaged)

- Layer 2 unmanaged access switch
- All gigabit Ethernet ports
- Lightning protection
- Plug and play
- Adopts metal enclosure
- Good heat dissipation

Wireless Transmission

Highlights

- Integrated Professional Surge Protection
- Multi-Language
- Free Management Platform-DWMS
- Point-to-point, point-to-multi-point, back-to-back applications
- Easy installation and configuration

Transmission

PFWB5-90ac

DAHUA SKU: DH-PFWB5-90ac

5GHz AC867 18dBi Outdoor Base Station

- 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
- IP-66 standards rated enclosure
- Improved noise immunity
- TDMA ensures reliable communication
- Powerful OS, Dual firmwaare
- Built-in tools including Site Survey, Link Test, Antenna Alignment, Spectrum Analyzer, Ping & Trace help in configuration and debugging
- Recommended for 0~5km PTP/PTMP wireless connection(as a station in PTMP link)

PFWB5-30ac

DAHUA SKU: DH-PFWB5-30ac

5GHz AC867 15dBi Outdoor Wireless CPE

- 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
- IP-66 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 0~3km PTP/PTMP wireless connection(as a station in PTMP link)

PFWB5-90n

DAHUA SKU: DH-PFWB5-90n

5GHz N300 Outdoor Wireless Base Station

- 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
- IP-66 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 as Base Station for 0~5km PTMP wireless connection

PFWB5-30n

DAHUA SKU: DH-PFWB5-30n

5GHz N300 15dBi Outdoor Wireless CPE

- Integrated 5 GHz (2x2) MIMO radio
- Frequency 5.150- 5.850 GHz (FCC 5.150- 5.250 and 5.725- 5.850 GHz)
- Miniaturized design
- High performance and stability
- IP-65 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 0~3km PTP/PTMP wireless connection (as a station in PTMP link)

Display & Control
4K Monitor

Highlights

- HDMI + USB + Audio + RJ45 + Speaker + Physical Button + Remote controller
- 4K Ultra-HD resolution
- Android OS, RAM: 1GB, Internal Storage: 8GB
- Light and cost-effective plastic housing
- 178°/178° wide viewing angle
- High fidelity digital processing, brilliant and vivid video
- Low energy consumption

Monitor

LM55-F410-FA-V1　HUNGARY HUB
LM50-F410-F-V1　　HUNGARY HUB
LM43-F410-F-V1　　HUNGARY HUB
LM27-F410-V1　　　GET IT NOW!

55/50/43/27'' UHD 4K LED Monitor

- 4K Ultra-HD resolution
- 1.07G colors, for a realistic and immersive visual experience
- High fidelity digital processing for a brilliant and vivid video
- 178°/178° extra-wide viewing angle for overall viewing performance
- Professional thermal design to extend equipment lifespan
- Built-in power, low energy consumption

LM43-F200
DAHUA SKU: DHI-DHL43-F200
LM32-F200
DAHUA SKU: DHI-DHL32-F200

43/32'' FHD Monitor

- Industrial level LCD panel, suitable for continuous 24/7 operation
- Physical resolution of 1920×1080
- High fidelity digital processing for a brilliant and vivid video
- 5ms fast response time for no motion blur, judder or ghosting
- Built-in speakers

DHL22-F600-S
DAHUA SKU: DHI-DHL22-F600-S-F-V1

21.5'' FHD Monitor

- Industrial level LCD panel, suitable for continuous 24/7 operation
- Physical resolution of 1920×1080
- High fidelity digital processing for a brilliant and vivid video
- Built-in speakers
- Good compatibility with DVRs and NVRs
- Low energy consumption, long service life

DHL22-L200
DAHUA SKU: DH-DHL22-L200

21.5'' FHD Monitor

- Industrial level LCD panel, suitable for continuous 24/7 operation
- Light and cost-effective plastic housing
- Physical resolution of 1920×1080
- High fidelity digital processing for a brilliant and vivid video
- 5ms fast response time with no image blurring or ghosting
- Good compatibility with DVRs and NVRs

Keyboards

Highlights

- Precise playback control
- PTZ camera control modes: iris/zoom/focus, preset/scan/pan/tour/pattern
- Compatible with SmartPSS and DSS

Keyboard

NKB5000
DAHUA SKU: DHI-NKB5000
HD Network Control Keyboard

Keyboard to Control
- Standalone DVR
- (Network) High Speed Dome
- High Speed Dome
- Central Management Platform
- Network Video Server

- RS232, RS485 & Network Connections(Wi-Fi)
- Four Dimensional Joystick Control of PTZ Functions
- Support 4K decoding live view
- Support 4CH HDMI output
- Support snapshot and recording to U-disk
- Support Video-Wall display control
- Preset Position, Auto Scan, Auto Pan, Auto Tour & Pattern Control
- NKB5000-F model includes an extension keypad module

NKB1000
DAHUA SKU: DHI-NKB1000
Network Keyboard & Control Keyboard & Dome keyboard

Keyboard to Control
- High Speed Dome
- Standalone DVR
- Network High Speed Dome
- Network Video Server

Connection
- NKB1000: RS485, RS422, USB, RS232 & Network

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 SmartPSS via USB (NKB1000 only)
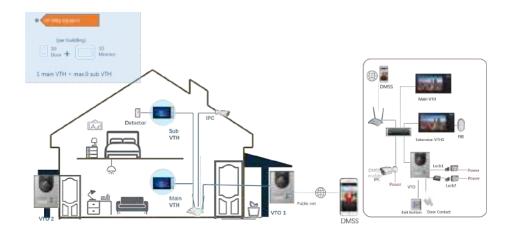
Video Intercom

Overview

Dahua IP villa/house solution offers a complete set of advanced features, such as remote intercom, door control, real-time video surveillance, and mobile push notifications. No matter where you are, no visitors or messages will be missed.

- Fisheye (**160°** wide angle of view)
- WDR (**120** dB)
- Remote Unlock
- IPC Surveilance
- IP65,IK07

Highlights

• Fisheye

Features a fisheye camera with 160° angle of view and 2MP Lens in Outdoor station for a wider and clearer view.

Super Wide View Angle
160°horizontal field of view that can cover a door easily

• WDR

The camera can still provide clear colorful video even under low light environment. The min. illumination can achieve up to 0.005Lux@F1.6.

• Remote Unlock

Digital Mobile Surveillance System (DMSS)
Allows remote access to your door via smartphone

DMSS supports two-way talk with VTO, remote door access, local alarm push notification, snapshot and record.

• IPC Surveilance

Compatible with ONVIF cameras and supports up to 64 IPC live view

• IP65, IK07

It allows easy Installation with flush and surface mount brackets and works normally under different enviroments and scenarios with high protection degree of IP65 and impact strength of IK07.

Video Intercom

VTO3211D-P-S1/P2-S1/P4-S1
DAHUA SKU: DHI-VTO3211D-P-S1/P2-S1/P4-S1

IP 1/2/4-button Villa/House Outdoor Station

- 2MP HD CMOS camera
- Zinc Alloy panel, IK08, IP65 (Apply silica gel to gaps between the device and the wall. Liquid sodium silicate is recommended. Refer to the quick start guide for more details.)
- ICR Night vision & Voice indication
- Video & Audio messaging
- Remote intercom with mobile APP
- Surface mounted

VTO2202F-P
DAHUA SKU: DHI-VTO2202F-P

IP Villa/House Door Station

- 2MP CMOS camera
- Mechanical button
- Night vision & voice indicator
- PoE
- 160° angle of view
- Compatible with VTH5222CH-S1 and VTNS1006A-2

- Group call
- Power supply by 2-wire
- Aluminium alloy plate
- IP65&IK07
- Surface mounted and flush mounted

MOUNTING ACCESSORIES

Optional:

| VTM115 | VTM114 (Front) | VTM114 (Back) |

VTH5221D/DW-S2
DAHUA SKU: DHI-VTH5221D/DW-S2

Wi-Fi Indoor Monitor

- 7" TFT Capacitive touch screen, 1024x600
- IPC surveillance
- 6ch wired alarm integration, 6ch wireless alarm integration(433MHZ)
- Micro SD card optional, max 32GB
- Record & Snapshot (SD card needed)

VTH2421FB(W)-P
DAHUA SKU: DHI-VTH2421FB(W)-P

Digital VTH (4.3SIP)

- 7" TFT Capacitive touch screen, 1024 x 600
- IPC surveillance
- Alarm integration
- High performance & Cost-effective
- Supports 8GB SD card
- Supports standard PoE

KIT

HUNGARY HUB

Flush mount: KTP01F
Surface mount: KTP01S
DAHUA SKU: DHI-KTP01(F)/ DHI-KTP01(S)

IP Villa/House Outdoor Station & Indoor Monitor

- 2MP CMOS camera
- Mechanical button
- Night vision & voice indicator
- 160° angle of view
- Group call
- Aluminium alloy plate
- IP55&IK07
- Surface mounted and flush

- Supports standard PoE
- IP Indoor Monitor
- IPC surveillance
- Alarm integration
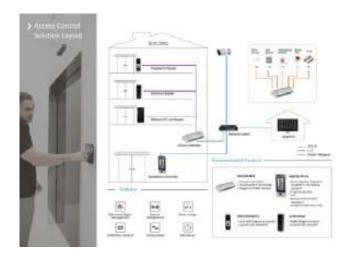- High performance
- Embeded 8GB SD card
- Supports standard PoE

Access Control

Overview

Dahua Access Control offers a wide range of products and various solutions designed to prevent unauthorized personnel from entering designated areas and to keep access records.

Supporting management of up to 100,000 users, 128 time zone plans, logs, and storage, the Dahua Access Control products and solutions offer a wide selection for users including standalone, controllers, readers, and related software.

Dahua supports standard device SDKs, CGI, and Onvif (profile C) to ease integration with 3rd party software.

- Face Recognition
- Anti-fake
- WDR
- P2P DMSS
- Large capacity

Highlights

• Face Recognition

With face recognition algorithm, the access controller can recognize more than 360 positions on human face. It also provides face verification accuracy of >99.5%, face comparison speed of 0.35s per person, and low false recognition rate.

• Anti-fake

Features dual camera design to achieve live detection that does not recognize fake photos.

• Large capacity

Holds 50,000 users, 50,000 face images, 10,000 fingerprints, 50,000 cards,50,000 passwords, and 50 administrators

Access Control

Standalone

ASI7214Y-V3

DAHUA SKU: DHI-ASI7214Y-V3

Face Recognition Access Controller

- 7 inch IPS display, resolution 1024×600
- Supports face unlock, fingerprint unlock, IC card unlock, and password unlock; unlock by period
- Comes with face detection box; the largest face among faces that appear at the same time is recognized first; the maximum face size can be configured on the web
- 2MP wide-angle WDR lens; with auto/manual fill light
- Face-camera distance: 0.3 m–2.0 m; human height: 0.9 m–2.4 m
- With face recognition algorithm, the access controller can recognize more than 360 positions on human face
- Face verification accuracy >99.5%; face comparison speed 0.35s per person; low false recognition rate
- Supports profile recognition with profile angle of 0°–90°
- Holds 50,000 users, 50,000 faces, 10,000 fingerprints, 50,000 cards, 50,000 passwords, and 50 administrators
- Supports liveness detection
- Supports duress alarm, tamper alarm, intrusion alarm, door contact timeout alarm, illegal card exceeding threshold alarm, and more
- Supports general users, patrol users, VIP users, guest users, and disabled users
- With 4 unlock status display modes

Standalone

ASI1201E

DAHUA SKU: DHI-ASI1201E

Water-proof RFID Standalone

- Support 30,000 valid cards & 60,000 records
- Support multiple cards (default IC card) ("-D" means ID EM card)
- Support card, password and combination
- TCP/IP to PC
- Wiegand or RS-485 interface to reader
- Door time out alarm, intrusion alarm, duress alarm and   tamper alarm
- Anti-passback, multi-card open
- Water-proof design
- Support 128 efficient time and holiday schedules
- Watch dog function ensure device free from halting
- IP66 (Apply silica gel to gaps between the device and the   wall. Liquid sodium silicate is recommended. For details, see   the quick start guide.)

Access Controller

ASC1204B-S

DAHUA SKU: DHI-ASC1204B-S

Four Door Access Controller

- Supports 100,000 valid cards & 150,000 records
- Supports multiple cards
- Supports card, password, fingerprint and combination
- TCP/IP interface to PC
- Wiegand or RS-485 interface to readers (4 doors)
- Door time-out alarm, intrusion alarm, duress alarm and tamper alarm
- Anti-passback, multi-door interlock, multi-card opening
- Supports 128 efficient time and holiday schedules
- Watch dog function ensures the device is free from halting
- Surface mounted installation

ASC1202B-D

DAHUA SKU: DHI-ASC1202B-D

Two Door two way Access Controller

- Supports 100,000 valid cards & 150,000 records
- Supports multiple cards
- Supports card, password, fingerprint and combination
- TCP/IP interface to PC
- Wiegand or RS-485 interface to readers (2 doors)
- Door time-out alarm, intrusion alarm, duress alarm and tamper alarm
- Anti-pass back, multi-door interlock, multi-card opening
- Supports 128 efficient time and holiday schedules
- Watch dog function ensures the device is free from halting
- Surface mounted installation

ASR1102A(V2)

DAHUA SKU: DHI-ASR1102A(V2)

Fingerprint RFID Reader

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

ASR1201D

DAHUA SKU: DHI-ASR1201D

Slim Water-proof RFID Reader

- Supports RS485, Wiegand34 protocol (Wiegand 26 options)
- 13.56MHz (Mifare)
- 125KHz (EM-ID)
- Red and Blue LEDs
- Watch dog function ensures the device is free from halting
- Water-proof (outdoor use)
- Surface/Flush mounted installation

ASR1200E

DAHUA SKU: DHI-ASR1200E

Water-proof RFID Reader

- Wiegand34 (26 options) bits RS-485 protocol
- 13.56MHz (Mifare)
- 125KHz (EM-ID)
- Water-proof design
- Red, blue and green indicator LEDs
- Surface mounted installation

Accessories

Accessories

PFM900-E
DAHUA SKU: DH-PFM900-E-V2

IPC/HDCVI/AHD/TVI/CVBS Tester

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

PFM904
DAHUA SKU: DH-PFM904

HDCVI/AHD/TVI/CVBS Tester

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

PFM791
DAHUA SKU: DH-PFM791

HD Video Isolator

- HD video isolator, to solve the HDCVI image interference caused by ground loops effectively;
- Apply to indoor or in junction box
- Working Temperature:-20~55°C

PFM800-4K

DAHUA SKU: DH-PFM800-4K

1-CH Passive Video Balun

- Real-time transmission over UTP CAT5E/6 cable;
- Passive, no need for power supply;
- Excellent anti-thunder, anti-static and anti-interference capabilities;
- Compatible format: HDCVI/TVI/AHD/CVBS;
- With female BNC connector, and pluggable screw terminal connections.

PFM820

DAHUA SKU: DH-PFM820

UTC Controller

- Support different formats(HDCVI/AHD/HDTVI/CVBS) switch, which is to satisfy the requirements of different storage deviceenvironments for clients.
- Various format indicator lights, which makes it convenient forusers to check the current format status and prompt if theformat switch is successful.
- Support OSD control and the electric zoom function control in CVBS mode.

TAM01GT01GT-75

DAHUA SKU: DH-TAM01GT01GT-75

75W PoE Midspan

- Supports PoE for Hi-PoE 75W high power consumption speed dome
- Indicator status: power (normal power on), PoE (normal power supply)
- Cooperate with PoE Extender (PFT1300), able to cascade level 2 PoE Extender, connect to 3 IPC, max transmissio distance 300m
- Wide working temperature:-30°C~ 65°C
- Supports DoE Level VI
- Lighting Protection: Level 4

PFT1300

DAHUA SKU: DH-PFT1300

PoE Extender

- Support passive PoE cascade power supply and Ethernet data exchange
- Support IEEE 802.3af/at standard power supply IP Camera
- Cooperate with High PoE Midspan (PFT1200), able to cascade level 2 PoE Extender, connect to 3 IPC (power consumption <=8W), max transmission distance 300m
- 1*RJ45 10/100M PoE power supply input; 1*RJ45 10/100M supply power for IP Cam; 1*RJ45 10/100M supply power for the next extender
- Installation mode: junction box internal mounting, DIN rail mounting

PFM700-E

DAHUA SKU: PFM700-E

HDMI Extender

- Power supply: Input voltage DC5V, only supply for transmitter.
- Transmission effect: Real-time transmission HDMI video signal, no delay, strong anti-interference.
- Transmission distance: HDMI transmission distance 50m (max.164ft), with CAT6 of pure copper cable(DC impedance is less than 9.5 ohm for every 100 meters (328ft)).
- Infrared function: support to transmit one-way infrared remote control signal.
- Main functions: Use single UTP (CAT-5E and CAT-6) to transmit 1-ch HDMI video signal, support HDMI
- 1.3; Supports HDMI local loop output; Support EDID.
- Protection and anti-interference: Excellent anti-thunder, anti-static and anti-interference capabilities.
- Appearance structure: No need to install driver program and set network parameters, easy to use and convenient to install.

Video Management Software
DSS Express

Overview

DSS Express is an easy-to-use and reliable VMS for single-server installations, which can meet the core requirements of video surveillance in small and mid-sized projects. Devices can easily be extended with a license and provides a unified solution with access control, video intercom, facial recognition and ANPR for small and medium-sized organisations. It is the ideal VMS for small and mid-sized projects, such as residences, shops, factories, etc.

- **Easy to Use**
- Combines management and operation functions in client.
- Unified resources management, convenient business config.
- Import devices from smartPSS.
- **High Reliability**
- DSS Express can backup the database automatically and manually, you can restore the database by the automatic backup files and manual backup files whenever you want

Highlights

• Easy to Use:

Combines management and operation functions in client

Unified resources management, convenient business config

Import devices from smartPSS

• High Reliability:

DSS Express can backup the database automatically and manually, you can restore the database by the automatic backup files and manual backup files whenever you want

Backup

Restore

• Application Scenario (DSS Express is a feature-rich but easy-to-use VMS, which meets the core requirements of small-scale applications, it's the ideal VMS for small and mid-sized projects.)

Residence
· Provides an all-in-one and interconnected solution: access control, video intercom, alarm controller and can be integrated with video, which will help security guards to respond to abnormal events.
· Monitor all residents using multiple screens and video wall in surveillance center.
· Video Intercom can be operated using smartphone so residents won't miss any visitors.

Retail Shop
· Windows software, easy to deploy
Local disk management for center storage, which reduces the costs of IVS alarms, such as tripwire, object abandoned, etc., protects asset effectively etc.

DSS Express Easy Selection

Type	Model	Description	No of Channels
Free Version	Free Version	Video channel	64
		LPR channel	2
		Face recognition channel	2
		Access control channel	64
		Alarm controller device	8
		Attendance Point	4
		VDP device	128
Base	EXPRESSBASELICENSE DAHUA SKU: DHI-DSS Express-Base-License	Base package license (One license includes)	Extending performance based on the parameters defined in the free version requires an additional base package fee
Channel	ExpressVideoLicense DAHUA SKU: DHI-DSS Express-Video-License	Video Channel License (one license per channel)	512 (max)
	ExpressLPRLicense DAHUA SKU: DHI-DSS Express-LPR-License	LPR Channel License (one license per channel)	32 (max)
	ExpressFRLicense DAHUA SKU: DHI-DSS Express-FR-License	Face Recognition Channel License (one license per channel)	32 (max)
	ExpressDoorLicense DAHUA SKU: DHI-DSS Express-Door-License	Access Control channel license (one license per door)	200IP, 1024 (max)
	ExpressVDPLicense DAHUA SKU: DHI-DSS Express-VDP-License	VDP device license (one license per VDP device)	64VTO, 1024 (max)
	ExpressAttLicense DAHUA SKU: DHI-DSS Express-Attendance-License	Attendance Point License (One License Per Point)	100 (max)
	ExpressPOSLicense DHUA SKU: DHI-DSSExpress-POS-License	POS Channel License (one license per channel)	50 (max)

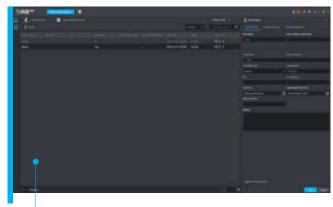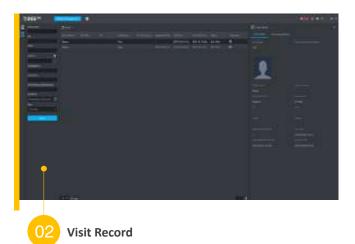# Video Management Software
DSS Pro

Overview

DSS Pro is a comprehensive and expandable VMS. Beside its basic CCTV functions, it also supports GIS map, system maintenance, POS transaction, ANPR, People Counting, etc. You also can extend functions, Traffic, Business Intelligence, via add-on modules.

- Visitor Management (Visitor Appointment; Visit Registration; End Visit Registration; Visit Record)
- Alarm Controller (Perimeter; Infrared Detect; Zone Disarm; PIR; Gas Sensor; Smoke Sensor; Glasses Sensor; Stolen Alarm)
- Business Intelligence (Entrance Analysis; Customer Demographic; Indoor Analysis; Fisheye; People Counting; Face Detection)
- Radar Smart Track (Add a radar relation; Radar PTZ smart track)

• Visitor Management：
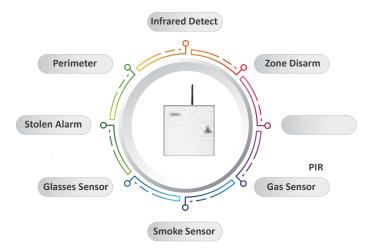Visitor Appointment; Visit Registration; End Visit Registration; Visit Record

01 **Visitor Management**
- Visitor Appointment
- Visit Registration
- End Visit Registration

02 **Visit Record**

• Alarm Controller:
Perimeter; Infrared Detect; Zone Disarm; PIR; Gas Sensor; Smoke Sensor; Glasses Sensor; Stolen Alarm

Infrared Detect
Perimeter
Zone Disarm
Stolen Alarm
PIR
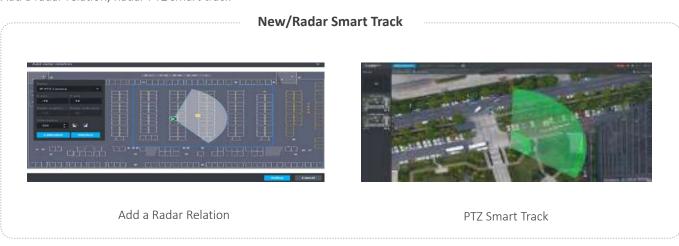Glasses Sensor
Gas Sensor
Smoke Sensor

ADI
a resideo company

• Business Intelligence:

Entrance Analysis; Customer Demographic; Indoor Analysis; Fisheye; People Counting; Face Detection

Entrance Analysis

Customer Demographic

Indoor Analysis

Business Intelligence

Heat Map

People Counting

Face Detection

• Radar Smart Track:

Add a radar relation; Radar PTZ smart track

New/Radar Smart Track

Add a Radar Relation

PTZ Smart Track

DSS Pro Easy Selection

Type	Model	Description	No of Channels
Base	DSSPROBASELICENSE DAHUA SKU: DHI-DSS Pro-Base-License	Video channel	64
		LPR channel	2
		Face recognition channel	2
		Access control channel	64
		Alarm controller device	8
		Attendance Point	4
		VDP device	128
Channel	DSSProVideoLicense DAHUA SKU: DHI-DSS Pro-Video-Channel	Video Channel License (one license per channel)	2000 (max)
	DHI-DSS PRO-ANPR-C DAHUA SKU: DHI-DSS Pro-LPR-Channel	LPR Channel License (one license per channel)	64 (max)
	DSSProFRLicense DAHUA SKU: DHI-DSS Pro-FR-Channel	Face Recognition Channel License (one license per channel)	64 (max)
	DSSProDoorLicense DAHUA SKU: DHI-DSS Pro-Door-License	Access Control channel license (one license per door)	1024 (max)
	DSSProVDPLicense DAHUA SKU: DHI-DSS Pro-VDP-License	VDP device license (one license per VDP device)	1024 (max)
	DSSProAttLicense DAHUA SKU: DHI-DSS Pro-Attendance-License	Attendance Point License (One License Per Point)	200 (max)
	DSSProPOSLicense DAHUA SKU: DHI-DSS Pro-POS-Channel	POS Channel License (one license per channel)	100 (max)
Add-on	DSSProBIModule DAHUA SKU: DHI-DSS Pro-BI-Module	License for Business Intelligence module.	Business Analysis module, including Transaction Data Analysis, People counting analysis, Retail traffic analysis functions.
	DSSProTraModule DAHUA SKU: DHI-DSS Pro-Traffic-Module	License for Traffic module.	Traffic module license, including overspeed, run the red light, cross line, retrogradation, illegal parking, illegal lane change, occupy bus lane, fake plate vehicle Traffic flow static & search
	DSSProHSLicense DAHUA SKU: DHI-DSS Pro-Hot Standby-License	Hotstandby	used for 1+1 server backup, only used for local back up of servers, with 3 years warranty and upgrade support

Digital Mobile Surveillance System
Monitor Anything with Your Smartphone or Tablet Anytime, Anywhere

Devices	Supported Devices	DVR, NVR, IPC, VTO, DoorBell, Alarm Hub
	Add Device Method	IP/domain, SN, Import form cloud, Soft AP
	Features	Remote config, Alarm config, HDD info, Share device list
Video	Compression Format	H.265/H.264/MPEG-4/JPEG
	Display Resolution	Up to 1920×1080
Live Preview	Max. Channels Can Be Opened at The Same Time	256
	Features	Snapshot, Record, Instant playback, PTZ, Stream control, Talk, Audio, Alarm, Color, Favorites, Remember channels
Playback	Video Playback Duration	72 hours
	Features	Snapshot, Record, Speed up / slow down, Frame-by-frame, Cut
Alarm Push	Alarm Type	Motion detect, Camera masking, Local alarm, Disk alarm (no disk, Low space, disk Error), Face detection, Ivs alarm, Thermal Imaging Alarm, Defoucs, Audio Detect, HDD Alarm, Sensor Alarm, Network Alarm
	Push Type	Video, Preview, Image

NOTES

SUPPORT

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- **Demonstrations:** We will come along and demonstrate suitable products, even before you buy
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- **Pre-build and Configuration Service:** We will provide you with a functioning, configured system, ready for you to install
- **Commissioning:** We can offer the expertise and support to commission small to large installations
- **Troubleshooting:** We will provide a quick resolution to problems on-site and free of charge technical support from our central technical support team
- **Training:** ADI training courses are the perfect way to increase your knowledge, uncover new opportunities and keep up to date with the very latest technology.

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