

DHI-NVR4208-8P-4KS2/L

8 Channel 1U 2HDDs 8PoE Network Video Recorder



Series Overview

Dahua NVR4000-4KS2/L is introduced as the Lite series NVR that supports for 4K and H.265 encoding technology with excellent performance at an affordable price. For applications where image details are highly required, it delivers the capability of 4K resolution processing. The NVR can be served as edge storage, central storage or backup storage with an intuitive shortcut operation menu for remote management and control.

Due to its cost-effective and easy-to-install design, this NVR is ideal for a wide range of applications such as public safety, water conservancy, transportation, city centers, education, and financial institutions.

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

Functions

Perimeter Protection by Camera

Automatically filtering out false alarms caused by animals, rustling leaves, bright lights, etc. Enables system to act secondary recognition for the targets. Improving alarm accuracy.

Face Detection by Camera

Face detection is to detect if there is any human face appearing in the video. This technology adopts a deep learning algorithm to support face detection, tracking, optimization and capturing, and then output the best face snapshot.

SMD Plus by Camera

With intelligent algorithm, Dahua Smart Motion Detection technology can categorize the targets that trigger motion detection and filter the motion detection alarm triggered by non-concerned targets to realize effective and accurate alarm.

- New 4.0 user interface, Security baseline 2.1
- H.264, H.265, Smart H.264+, and Smart H.265+. H.265 auto switch
- Max. decoding capability: 8 × 1080p@30 fps. Supports adaptive decoding
- Supports mainstream cameras of ONVIF and RTSP protocols
- P2P remote surveillance, video play on mobile device
- VGA/HDMI simultaneous video output, maximum resolution of HDMI is 4K
- AI by Camera: Face detection, perimeter protection, IVS, people counting, heat map, and SMD
- Supports remote configuration and management of IPC, such as setting parameters, getting information, and upgrading IPC of the same model in batches



People Counting by Camera

With deep learning algorithm, Dahua People Counting technology can track and process moving human body targets to realize the accurate statistics of enter No., leave No., and In Area No. Working with management platform, it outputs yearly/monthly/weekly/daily reports to meet your requirements.

Smart Codec

With advanced scene-adaptive rate control algorithm, Dahua smart codec technology realizes the higher encoding efficiency than H.265 and H.264, provides high-quality video, and reduces the cost of storage and transmission.

DMSS

The DMSS app is available on the iOS App Store and Google Play. It makes surveillance easy and simple, allowing you to remotely access back-end devices, view live video, receive event push notifications, and search for recorded videos from an iPhone, iPad, or Android phone at anytime from virtually anywhere.

Lite Series | DHI-NVR4208-8P-4KS2/L

Technical Specification

System

Main Processor	Industrial-grade embedded processor
OS	Embedded Linux
Operation Interface	Web/operating in local GUI

Perimeter Protection by Camera

Performance	8 channels
AI Search	Search for pictures by channel, time and event type

Face Detection by Camera

Performance	4 channels
Face Attributes	6 attributes: Gender, age, glasses, expression, mouth mask, and beard
AI Search	Search for pictures by channel, time and face attributes

SMD Plus by Camera

Performance	8 channels
AI Search	Search by target classification (human, vehicle)

Video

Access Channel	8
Network Bandwidth	Access: 160 Mbps; Storage: 160 Mbps; Forward: 64 Mbps
Resolution	8MP; 6MP; 5MP; 4MP; 3MP; 1080p; 720p; D1
Decoding Capability	8 × 1080p@30 fps
Video Output	1 × VGA output, 1 × HDMI output, supports simultaneous video sources output for VGA and HDMI
Multi-screen Display	1, 4, 8, 9 views
Third-party Camera Access	ONVIF; RTSP

Compression

Video	Smart H.265/H.265/Smart H.264/H.264/MJPEG
Audio	PCM/G711A/G711U/G726/AAC

Network

Network Protocol	HTTP; HTTPS; TCP/IP; IPv4/IPv6; UPnP; SNMP; RTSP; UDP; SMTP; NTP; DHCP; DNS; IP Filter; DDNS; FTP; Alarm Server; IP Search (Support Dahua IP camera; DVR; NVS; etc.); P2P; auto register
Mobile Phone Access	Android; iOS
Interoperability	ONVIF(profile T/S/G); CGI; SDK
Browser	Chrome; IE9 or later; firefox

Record Playback

Multi-channel Playback	Up to 8 channels for playback
Record Mode	Manual record; alarm recording; SMD recording; smart recording
Storage	Local HDD; network
Backup	USB storage device

Playback Function

1. Play/pause/stop/slow/quick/backward/by frame
2. Full screen, backup (video clip/file), partial zoom in, and audio on/off

Storage

Disk Group	Yes
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Alarm

General Alarm	Motion detection, privacy masking, video loss, scene changing, PIR alarm, IPC external alarm
Anomaly Alarm	Camera disconnection, storage error, disk full, IP conflict, MAC conflict, login locked, and cybersecurity exception
Intelligent Alarm	Face detection, perimeter protection (intrusion and tripwire), IVS, people counting, heat map, and SMD alarms
Alarm Linkage	Recording, snapshot, audio, buzzer, log, preset, and email

External Port

Audio Input	1 × RCA input
Audio Output	1 × RCA output
HDD	2 SATA III ports, up to 10 TB for a single HDD. The maximum HDD capacity varies with environment temperature
Alarm Input	4
Alarm Output	2
USB	2 (1 × front USB2.0; 1 × back USB2.0)
HDMI	1 (supports up to 4K resolution output)
VGA	1
Network	1 × RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port
PoE	8

General Parameter

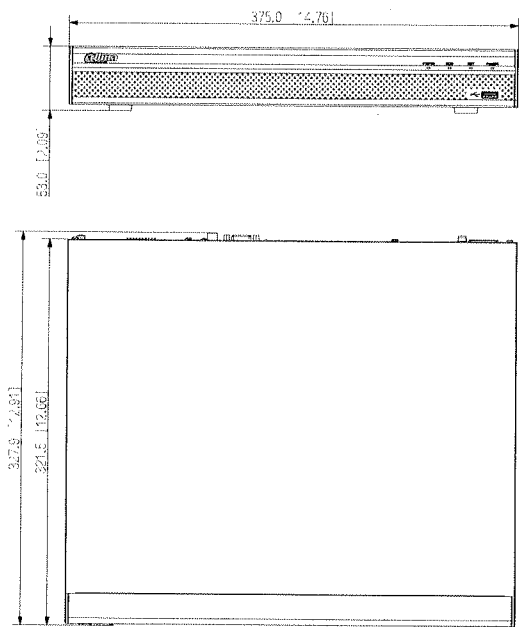
Power Supply	100 V~240 V, 47 Hz~63 Hz, 3.5 A
Power Consumption	< 10 W (HDD not included, idling) Total output power of PoE is 117W, the maximum output power of a single port is 25.5W
Net Weight	2.51 kg (5.53 lb)
Gross Weight	3.79 kg (8.36 lb)
Product Dimensions	375 mm × 327.4 mm × 53.8 mm (14.76" × 12.89" × 2.12") (W × L × H)
Package Dimensions	170 mm × 449 mm × 421 mm (6.69" × 17.68" × 16.57") (W × L × H)
Operating Conditions	-10 °C to +55 °C (+10 °F to +131 °F)
Storage Conditions	0 °C to +40 °C (32 °F to 104 °F)
Operating Humidity	10%~93%
Storage Humidity	30%~85%
Operating Altitude	3000 m (9842.52 ft)
Installation	Desktop mounted
Certifications	CE: EN62368-1; EN55032, EN55024, EN55035, EN61000-3-2, EN61000-3-3 EN50130-4 FCC: Part 15 Subpart B

Lite Series | DHI-NVR4208-8P-4KS2/L

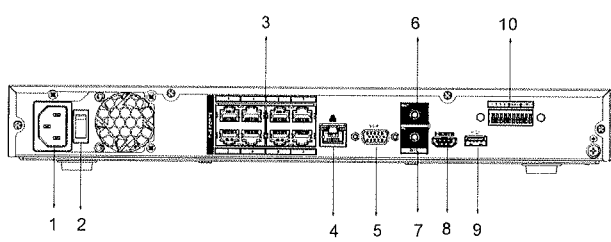
Ordering Information

Type	Model	Description
8 Channel NVR	DHI-NVR4208-8P-4KS2/L	8 Channel 1U 2HDDs 8PoE Network Video Recorder

Dimensions (mm[inch])



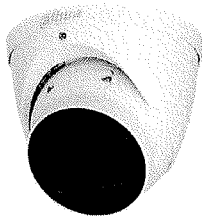
Rear Panel



- | | |
|--------------------|-----------------------|
| 1 Power Input Port | 2 Power Switch |
| 3 PoE Ports | 4 Network Port |
| 5 VGA Port | 6 Mic Out |
| 7 Mic In | 8 HDMI Port |
| 9 USB Port | 10 Alarm Input/Output |

DH-IPC-HDW3441T-ZS-S2

4MP IR Vari-focal Eyeball WizSense Network Camera




Launched by Dahua Technology, Wizsense is a series of AI products and solutions that adopt independent AI chip and deep learning algorithm. It focuses on human and vehicle with high accuracy, enabling users to fast act on defined targets. Based on Dahua's advanced technologies, WizSense provides intelligent, simple and inclusive products and solutions.

Series Overview

Dahua WizSense 3 Series Network Camera greatly saves on bandwidth and storage space through its AI Coding technology. Driven by its advanced deep learning algorithms, the camera supports intelligent functions such as perimeter protection, smart motion detection (SMD), Quick Pick, and AI SSA (AI Scene Self-adaptation), making it easy and convenient to use. Starlight technology and its large aperture lens also allow the camera to produce clear, vivid images even in poor lighting conditions.

Functions

SMD 4.0

Dahua Smart Motion Detection technology works with intelligent algorithms to classify targets that trigger motion detection alarms. It filters out objects that are not targets, such as small and large animals, to avoid triggering false alarms. With an AI NVR, Quick Pick technology becomes available, allowing you to easily search for and pick out human and vehicle targets from SMD event videos, prioritizing the highest matches.

AI SSA

Dahua AI Scene Self-adaptation (AI SSA) adopts deep learning algorithms to detect environmental conditions, such as rain, fog, backlight, low light and flicker, to adjust the parameters of the image to suit the conditions, ensuring that clear images are always produced.

Smart H.265+ & Smart H.264+

With advanced scene-adaptive rate control algorithm, Dahua smart encoding technology realizes the higher encoding efficiency than H.265 and H.264, provides high-quality video, and reduces the cost of storage and transmission.

- 4-MP 1/3" CMOS image sensor, excellent low luminance performance and high definition of images.
- Outputs max. 4 MP (2688 × 1520) @25/30 fps.
- H.265 codec, high compression rate, ultra-low bit rate.
- Built-in IR LED, max. IR distance: 40 m.
- ROI, SMART H.264 +/H.265+, AI H.264/H.265, flexible coding, applicable to various bandwidth and storage.
- Rotation mode, WDR, 3D NR, HLC, BLC, digital watermarking, applicable to various monitoring scenes.
- Intelligent detection: Intrusion, tripwire (support the classification and accurate detection of vehicle and human).
- Abnormality detection: Motion detection, privacy masking, scene changing, audio detection, no SD card, SD card full, SD card error, network disconnection, IP conflict, illegal access, and voltage detection.
- Max. 256 G Micro SD card. built-in Mic.
- 12 VDC/PoE power supply facilitates installation.
- IP67 protection.
- SMD 4.0, AI SSA.



Perimeter Protection

With deep learning algorithm, Dahua Perimeter Protection technology can recognize human and vehicle accurately. In restricted area (such as pedestrian area and vehicle area), the false alarms of intelligent detection based on target type (such as tripwire, intrusion) are largely reduced.

Protection (IP67, Wide Voltage)

IP67: The camera passes a series of strict test on dust and soak. It has dust-proof function, and the enclosure can works normal after soaking in 1 m deep water for 30 minutes.

Wide voltage: The camera allows $\pm 30\%$ (for some power supplies) input voltage tolerance (wide voltage range), and it is widely applied to outdoor environment with instable voltage.

Cyber Security

Dahua network cameras employ a series of security technologies, including security authentication and authorization, access control protocols, trusted protection, encrypted transmission and encrypted storage. These technologies improve the camera's defense against external cyber threats and prevent malicious programs from comprising the device.

Technical Specification

Camera

Image Sensor	1/3" CMOS
Max. Resolution	2688 (H) × 1520 (V)
ROM	128 MB
RAM	512 MB
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100,000 s
Min. Illumination	0.005 lux@F1.5 (Color, 30 IRE) 0.0005 lux@F1.5 (B/W, 30 IRE) 0 lux (Illuminator on)
S/N Ratio	>56 dB
Illumination Distance	40 m (131.23 ft)
Illuminator On/Off Control	Auto/Manual
Illuminator Number	2 (IR LED)
Pan/Tilt/Rotation Range	Pan: 0°–360°; Tilt: 0°–78°; Rotation: 0°–360°

Lens

Lens Type	Motorized vari-focal				
Lens Mount	ϕ14				
Focal Length	2.7 mm–13.5 mm				
Max. Aperture	F1.5				
Field of View	Horizontal: 104°–29° Vertical: 54°–16° Diagonal: 125°–33°				
Iris Control	Fixed				
Close Focus Distance	0.8 m (2.62 ft)				
	Lens	Detect	Observe	Recognize	Identify
DORI Distance	W	64.0 m (209.97 ft)	25.6 m (83.99 ft)	12.8 m (41.99 ft)	6.4 m (21.00 ft)
	T	210.0 m (688.98 ft)	84.0 m (275.59 ft)	42.0 m (137.80 ft)	21.0 m (68.90 ft)

Intelligence

IVS (Perimeter Protection)	Tripwire, intrusion (support the classification and accurate detection of vehicle and human)
AI SSA	Yes
Quick Pick	With AI NVR, quickly pick up the human/vehicle targets that users are interested in from SMD events
Smart Search	Work together with Smart NVR to perform refine intelligent search, event extraction and merging to event videos

Video

Video Compression	H.265; H.264; H.264H; H.264B; MJPEG (only supported by the sub stream)
Smart Codec	Smart H.265+ Smart H.264+
AI Coding	AI H.265 AI H.264

Video Frame Rate

Main stream: 2688 × 1520 @ (1–25/30) fps
Sub stream 1: 704 × 576 @ (1–25 fps)/704 × 480 @ (1–30 fps)
Sub stream 2: 1920 × 1080 @ (1–25/30 fps)
*The values above are the max. frame rates of each stream; for multiple streams, the values will be subjected to the total encoding capacity

Stream Capability

3 streams

Resolution

4M (2688 × 1520); 3.6M (2560 × 1440); 3M (2048 × 1536); 3M (2304 × 1296); 1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); CIF (352 × 288/352 × 240); VGA (640 × 480)

Bit Rate Control

CBR/VBR

Video Bit Rate

H.264: 3 kbps–8192 kbps
H.265: 3 kbps–8192 kbps

Day/Night

Auto (ICR)/Color/B/W

BLC

Yes

HLC

Yes

WDR

120 dB

Scene Self-adaptation (SSA)

Yes

White Balance

Auto; natural; street lamp; outdoor; manual; regional custom

Gain Control

Auto

Noise Reduction

3D NR

Motion Detection

OFF/ON (4 areas, rectangular)

Image Stabilization

Electronic Image Stabilization (EIS)

Region of Interest (ROI)

Yes (4 areas)

Defog

Yes

AFSA

Yes

Image Rotation

0°/90°/180°/270° (support 90°/270° with 2688 × 1520 resolution and lower)

Mirror

Yes

Privacy Masking

4 areas

Audio

Built-in MIC

Yes

Audio Compression

G.711a; G.711Mu; PCM; G.726; G.723

Alarm

No SD card; SD card full; SD card error; service life warning (only supported by Dahua card); network disconnection; IP conflict; illegal access; motion detection; video tampering; intrusion; tripwire; scene changing; audio detection; voltage detection; defocus detection; SMD; safety exception

Network

Network Port

RJ-45 (10/100 Base-T)

SDK and API

Yes

Network Protocol

IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; SAMBA; PPPoE; SNMP

Cyber Security	Video encryption; Firmware encryption; Configuration encryption; Digest; WSSE; Account lockout; Security logs; IP/MAC filtering; Generation and importing of X.509 certification; syslog; HTTPS; 802.1x; Trusted boot; Trusted execution; Trusted upgrade
Interoperability	ONVIF {Profile S/Profile G/Profile T}; CGI; P2P; Milestone; Genetec
User/Host	20 (Total bandwidth: 64 M)
Storage	FTP; SFTP; Micro SD card (support max. 256 G); NAS
Browser	IE: IE11 Chrome Firefox
Management Software	Smart PSS; DSS; DMSS
Mobile Client	iOS; Android
Certification	
Certifications	CE-LVD: EN62368-1; CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU; FCC: 47 CFR FCC Part 15, Subpart B; UL/CUL: UL62368-1 & CAN/CSA C22.2 No. 62368-1-14
Power	
Power Supply	12 VDC/PoE (802.3af)
Power Consumption	Basic: 4.0 W (12 VDC); 5.2 W (PoE) Max. (WDR + IR intensity + Intelligence): 7.1 W (12 VDC); 8.5 W (PoE)
Environment	
Operating Temperature	-30 °C to +60 °C (-22 °F to 140 °F) / Less than 95% RH
Storage Temperature	-40 °C to +60 °C (-40 °F to 140 °F)
Protection	IP67
Structure	
Casing	Metal
Product Dimensions	108.3 mm × Φ122 mm (4.26" × Φ4.8")
Net Weight	715 g (1.58 lb)
Gross Weight	915 g (2.02 lb)

Ordering Information

Type	Model	Description
4MP Camera	DH-IPC-HDW3441T-ZS-S2	4MP IR Vari-focal Eyeball WizSense Network Camera
	PFA137	Junction Box Bracket
	PFA109	Mount Adapter
	PFB220C	Ceiling Mount Bracket
Accessories (Optional)	PFB205W-E	Wall Mount
	PFA152-E	Pole Mount
	PFM321D	12 VDC 1 A Power Adapter
	PFM900-E	Integrated Mount Tester
	TF-P100	TLC SD Card

Accessories

Optional:



PFA137
Junction
Box Bracket



PFA109
Mount
Adapter



PFB220C
Ceiling Mount
Bracket



PFM321D
12 VDC 1 A
Power Adapter



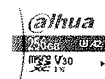
PFB205W-E
Wall
Mount



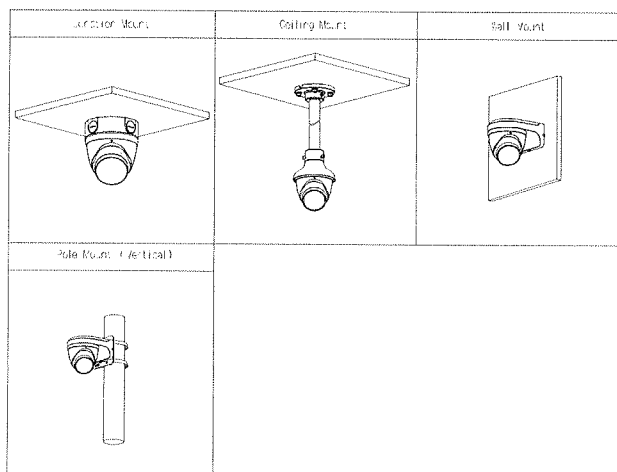
PFA152-E
Pole
Mount



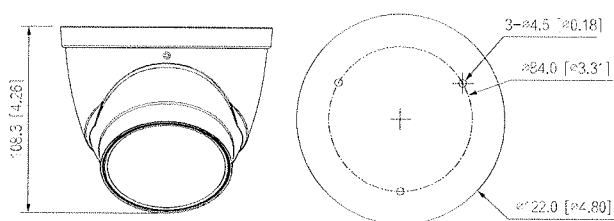
PFM900-E
Integrated
Mount Tester



TF-P100
TLC SD
Card



Dimensions (mm[inch])



DH-IPC-HDW2431T-AS-S2

4MP Lite IR Fixed-focal Eyeball 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 coding, high compression ration, low bit rate
- Built-in IR LED, max IR distance: 30 m
- ROI, SMART H.264+/H.265+, flexible coding, applicable to various bandwidth and storage environments
- Rotation mode, WDR, 3D NR, HLC, BLC, digital watermarking, applicable to various monitoring scenes
- Intelligent detection: Intrusion, tripwire
- Abnormality detection: Motion detection, video tampering, no SD card, SD card full, SD card error, network disconnected, IP conflict, illegal access, voltage detection
- Max. 256 GB SD card and built-in Mic
- 12V DC/POE power supply
- IP67 protection



Series Overview

With upgraded H.265 encoding technology, Dahua Lite series network camera has efficient video encoding capacity, which saves bandwidth and storage space. This camera adopts the latest starlight technology and displays better color image in the condition of low illumination. It supports SD card storage, dust-proof function, waterproof function and vandal-proof function, complying with the standards of IP67 (Supported by some select models).

Functions

Smart H.265+ & Smart H.264+

Adopting advanced algorithm of auto stream control according to the environment, Dahua smart encoding technology realizes the higher efficiency than (H.265 & H.264), providing high-quality video, and reducing the cost of storage and transmission.

WDR

With advanced Wide Dynamic Range (WDR) technology, Dahua network camera provides clear details in the environment of strong brightness contrast. The bright and dark area can get clear video even in high brightness environment or with backlight shadow.

Starlight

With advanced image processing technology and optical technology, Dahua Starlight technology can provide clear colorful video in the environment of low illuminance. It widely applies to various environments of low illuminance.

IVS

With advanced video algorithm, Dahua IVS technology supports intelligent functions, such as tripwire and intrusion.

Cyber Security

Dahua network camera is equipped with a series of key security technologies, such as security authentication and authorization, access control, trusted protection, encrypted transmission, and encrypted storage, which improve its security defense and data protection, and prevent malicious programs from invading the device.

Protection (IP67, wide voltage)

IP67: The camera passes a series of strict test on dust and soak. It has dust-proof function, and the enclosure can work normal after soaking in 1 m deep water for 30 minutes.

Wide voltage: The camera allows $\pm 30\%$ input voltage tolerance (wide voltage range), and it is widely applied to outdoor environment with instable voltage.

Lite Series | DH-IPC-HDW2431T-AS-S2

Technical Specification

Camera						Resolution	1080): 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240)
Image Sensor		1/3" 4Megapixel progressive CMOS				Bit Rate Control	CBR/VBR
Max. Resolution		2688 (H) × 1520 (V)				Video Bit Rate	H.264: 32 kbps–6144 kbps H.265: 12 kbps–6144 kbps
ROM		128 MB				Day/Night	Auto(ICR)/Color/B/W
RAM		128 MB				BLC	Yes
Scanning System		Progressive				HLC	Yes
Electronic Shutter Speed		Auto/Manual 1/3 s–1/100000 s				WDR	120 dB
Min. Illumination		0.008 Lux @ F1.6				White Balance	Auto/natural/street lamp/outdoor/manual/regional custom
S/N Ratio		>56 dB				Gain Control	Auto/Manual
Illumination Distance		30 m (98.43 ft)				Noise Reduction	3D NR
Illuminator On/Off Control		Auto/Manual				Motion Detection	Disable/Enable (4 areas, rectangle)
Illuminator Number		2 (IR LED)				Region of Interest(RoI)	Yes (4 areas)
Pan/Tilt/Rotation Range		Pan: 0°~360° Tilt: 0°~78° Rotation: 0°~360°				Smart Illumination	Yes
Lens						Image Rotation	0°/90°/180°/270° (Supports 90°/270° with 2688 × 1520 resolution.)
Lens Type		Fixed-focal				Mirror	Yes
Mount Type		M12				Privacy Masking	4 areas
Focal Length		2.8 mm 3.6 mm				Audio	
Max. Aperture		F1.6 F1.6				Built-in MIC	Yes
Field of View		2.8 mm:				Audio Compression	G.711A; G.711Mu; G.726
		Horizontal 102.0° × Vertical 55.0° × Diagonal 121.0° 3.6 mm : Horizontal 84.0° × Vertical 45.0° × Diagonal 100.0°				Alarm	
Iris Type		Fixed				Alarm Event	No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; voltage detection; security exception
Close Focus Distance		2.8 mm: 0.9 m (2.95 ft) 3.6 mm: 1.6 m (3.61 ft)				Network	
	Lens	Detect	Observe	Recognize	Identify	Network	RJ-45 (10/100 Base-T)
DORI Distance	2.8 mm	56 m (183.73 ft)	22.4 m (73.49 ft)	11.2 m (36.75 ft)	5.6 m (18.37 ft)	SDK and API	Yes
	3.6 mm	80 m (262.47 ft)	32.0 m (104.99 ft)	16.0 m (52.49 ft)	8.0 m (26.25 ft)	Cyber Security	Video encryption; firmware encryption; configuration encryption; Digest; WSSE; account lockout; security logs; IP/MAC filtering; generation and importing of X.509 certification; syslog; HTTPS; 802.1x; trusted boot; trusted execution; trusted upgrade
Smart event						Protocol	IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP ; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; Bonjour
IVS							ONVIF (Profile S/Profile G/Profile T); CGI; P2P; Milestone; Genetec
Video						User/Host	20
Video Compression		H.265; H.264; H.264B; MJPEG(only supported by sub stream)				Storage	FTP; Micro SD card (support max. 256 G); NAS; SFTP
Smart Codec		Smart H.265+/ Smart H.264+				Browser	IE Google Firefox
Video Frame Rate		Main stream: 2688 × 1520 (1 fps-20 fps) 2560 × 1440 (1 fps-25/30 fps)				Management Software	Smart PSS; DSS; DMSS
		Sub stream: 704 × 576 (1 fps-25 fps) 704 × 480 (1 fps-30 fps)					
Stream Capability		2 streams					

Lite Series | DH-IPC-HDW2431T-AS-S2

Mobile Phone	iOS; Android
Certification	
Certifications	CE-LVD: EN62368-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart B UL/CUL: UL60950-1 CAN/CSA C22.2 No.60950-1-07
Power	
Power Supply	12V DC/PoE
Power Consumption	Basic power consumption: 2.1W (12V DC), 2.5W (POE) Max power consumption (H.265, Max resolution, Max stream, WDR, IR full intensity, IVS): 5.7W (12V DC), 6.6W (POE)
Environment	
Operating Temperature	-40°C to +60°C (-40°F to +140°F)
Operating Humidity	≤95%
Storage Temperature	-40°C to +60°C (-40°F to +140°F)
Storage Humidity	≤95%
Protection	IP67
Structure	
Casing	Metal + Plastic
Dimensions	100.9 mm × Φ109.9 mm (3.97" × Φ4.33")
Net Weight	0.39 kg (0.86 lb)
Gross Weight	0.52 kg (1.15 lb)

Ordering Information

Type	Part Number	Description
4MP Camera	DH-IPC-HDW2431TP-AS-S2	4MP Lite IR Fixed-focal Eyeball Network Camera, PAL
	DH-IPC-HDW2431TN-AS-S2	4MP Lite IR Fixed-focal Eyeball Network Camera, NTSC
	PFA130-E	Junction Box
	PFB203W	Wall Mount
Accessories	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

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

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

Dimensions (mm[inch])

