

# DH-IPC-HDW3549H-AS-PV

5MP Smart Dual Illumination Active Deterrence Fixed-focal Eyeball WizSense Network Camera



Wiz Sense

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), Acupick, 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**

# **Siren and Light Active Deterrence**

Dahua siren and light active deterrence network camera supports the light alarm and voice alarm when perimeter event occurs, to realize the deterrence and effective intervention. The camera is built in multiple voices for selection, and supports customized voice importing.

# **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.

### **Smart Dual Light**

Dahua Smart Dual Light technology adopts smart algorithm to detect targets. Usually, the IR illuminator is on at night; when the target appears in the monitoring area, the white light is on, and the camera records the full-color video and information of key events. That is, the camera links snapshot and video with full-color image. When the target is out of the monitoring area, the white light is off and the IR illuminator is on, which reduces light pollution efficiently.

## **One-tap Disarming**

Dahua One-tap Disarming function, which is convenient and easy for operation, is the switch for event linkage. Customers can close and recover event linkage through mobile App, which meets multi-scenarios needs.

- \* The parameters and datasheets below can only be applied to 3549-PV-S5 series.
- $\cdot$  5-MP 1/2.7" CMOS image sensor, low luminance, and high definition image.
- Outputs max. 5 MP (2960 ×1668) @20 fps.
- H.265 codec, high compression rate, ultra-low bit rate.
- Built-in warm light and IR LED; the max. IR illumination distance is 30 m and warm light distance is 30 m.
- ROI, SMART H.264+/H.265+, AI 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 monitoring: Intrusion, tripwire (the two function 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.
- Alarm: 1 in, 1 out; audio: 1 in, 1 out; supports max. 256 G Micro SD card; buit-in dual Mic; 1-ch speaker; support two-way talk.
- 12 VDC/PoE power supply.
- IP67 protection.
- · Sound and light alarm (red and blue lights).
- SMD 4.0.
- Supports AI SSA and one-tap arming and disarming.
- SMD area can be set in warm light areas that support triggering alarms.













## 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 compromising 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 normally 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.

SyN Ratio   2-56 dB	Technical Specification							Smart Search	Work together with Smart NVR to perform refine intelligent search, event extraction and merging to event
Jumps   JLZ*** CMOS   12.5**	Camera								videos
Max. Resolution   2600 (ht x 1088 ly)	Image Sensor		1/2.7" CMOS					Video	
All Coding   All 1.26   Compression rate 225%	Max. Resolution		2960 (H) × 1688 (V)					Video Compression	
A Coaring System	ROM		256 MB					Smart Codec	Smart H.265+; Smart H.264+
Flectronic Shutter Speed	RAM		1 G					Al Coding	, , ,
Electronic Shutter Speed	Scanning System		Progressive						Main stream: 2880 × 1620/2960 × 1668@(1 fps–20 fps)/2688 × 1520 @(1 fps–30 fps)
Min. Illumination	Electronic Shutter Speed		Auto/Manual 1/3 s–1/100,000 s						
Illumination Distance	Min. Illumination		0.0003 lux@F1.0 (B/W, 30 IRE)					Video Frame Rate	Third stream: 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
Illuminator On/Off Control   Auto, Manual   Auto,	S/N Ratio		>56 dB					Stream Capability	3 streams
Illuminator On/Off Control   Auto-Manual	Illumination	Distance						.,	5M (2880 × 1620/2960 × 1668); 4M (2688 × 1520/2560 ×
Angle Adjustment  Par: 0"-360" Tilt: 0"-78" Rotation: 0"-360"  Lens  Lens Type Fixed-focal  Lens Mount  M12  Focal Length  Ax. Aperture Field of View  2.8 mm; 3.6 mm  Max. Aperture Field of View  3.6 mm; H; 78'; V; 58'; D; 102'  Iris Control  Close Focus Distance  2.8 mm; 1.5 m (4.9.2 ft) 3.6 mm; 2.2 m (7.2.2 ft)  Lens  DORI Distance  Account Motion Detection  Tools [26.5.4 ft) (86.6.1 ft) (43.3.1 ft) (21.6.5 ft) Food (25.5.9 ft) (10.3.6 ft) (31.8 ft) (25.5.9 ft)  Tools (25.5.9 ft) (10.3.6 ft) (31.8 ft) (25.5.9 ft)  Tools (25.5.9 ft) (10.3.6 ft) (31.8 ft) (25.5.9 ft)  Tools (25.5.9 ft) (10.3.6 ft) (31.8 ft) (25.5.9 ft)  Tools (26.5 ft) (46.5.1 ft) (46.5.7 ft) (46.5.7 ft)  Tools (26.5.7 ft) (46.5.7 ft) (46.5.7 ft) (46.5.7 ft)  Tools (26.5.7 ft) (46.5.7 ft) (46.5.7 ft) (46.5.7 ft)  Tools (26.5.7 ft) (46.5.7 ft) (46.5.7 ft) (46.5.7 ft)  Tools (26.5.7 ft) (46.5.7 ft) (46.5.7 ft) (46.5.7 ft)  Tools (26.5.7 ft) (46.5.7 ft) (46.5.7 ft) (46.5.7 ft)  Tools (26.5.7 ft) (46.5.7 ft) (46.5.7 ft) (46.5.7 ft)  Tools (26.5.7 ft) (46.5.7 ft) (46.5.7 ft) (46.5.7 ft)  Tools (26.5.7 ft) (46.5.7 ft) (46.5.7 ft) (46.5.7 ft)  Tools (26.5.7 ft) (46.5.7 ft) (46.5.7 ft) (46.5.7 ft)  Tools (26.5.7 ft) (46.5.7 ft) (46.5.7 ft) (46.5.7 ft)  Tools (26.5.7 ft) (46.5.7 ft) (46.5.7 ft) (46.5.7 ft)  Tools (26.5.7 ft) (46.5.7 ft) (46.5.7 ft) (46.5.7 ft)  Tools (26.5.7 ft) (46.5.7 ft) (46.5.7 ft) (46.5.7 ft)  Tools (26.5.7 ft) (46.5.7 ft) (46.5.7 ft) (46.5.7 ft)  Tools (26.5.7 ft) (46.5.7 ft) (46.5.7 ft) (46.5.7 ft)  Tools (26.5.7 ft	·		Auto;Manual					Resolution	× 1536); 1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 ×
Lens  Lens Type  Fixed-focal  Lens Mount  M12  Focal Length  2.8 mm; 3.6 mm  Max. Aperture  Field of View  2.8 mm; 1.5 m (4.92 ft) 3.6 mm; 1.5 m (4.92 ft) 3.6 mm; 2.2 m (7.22 ft)  DORI  DIstance  DORI  Distance  Distance  3.6 mm  7.8.0 m  (255.91 ft) 10.2 covered area. The numbers in his table do not reflect intelligent function distances, refer to installation and commissioning manual/project design tool.  Intelligence  Intrusion, tripwire (feb two functions support the classification and accurate detection of vehicle and human)  Septimal Auto  Video Bit Rate  H.265.3 kbps-16384 kbps; HLC  Yes  WDR  Scene Self-adaptation (SSA) Yes  Gain Control  Auto Noise Reduction 3D NR  Motion Detection OFF/ON (4 areas, rectangular) Region of Interest (Rol) Yes (4 areas)  Smart Illumination Yes  Defog  Yes  Image Rotation O'/90/180*/270* (Support 90*/270* with 2688 × 1520* resolution and lower)  Intelligence  IVS (Perimeter Protection) SMD 4.0  SMD 4.0  Video Bit Rate  H.265.3 kbps-16384 kbps.  BLC  HLC Yes  WDR  Auto(ICR)/Color/B/W  BLC  HLC Yes  WDR  Auto(ICR)/Color/B/W  BLC  HLC Yes  WDR  Auto(ICR)/Color/B/W  BLC  HLC Yes  Wolte Balance  Case self-adaptation (SSA) Yes  Motion Detection OFF/ON (4 areas, rectangular) Noise Reduction Spont Auto Noise Reduction OFF/ON (4 areas, rectangular)  Region of Interest (Rol) Yes (4 areas)  Smart Illumination Yes  Defog  Y	illuminator Number							Bit Rate Control	
Lens Type   Fixed-focal    Lens Mount   M12    Focal Length   2.8 mm; 3.6 mm    Max. Aperture   F1.0    Field of View   2.8 mm; H; 97; V; 70°; D; 128°   3.6 mm; H; 78°; V; 58°; D; 102°    White Balance   Auto; natural; street lamp; outdoor; manual; regional custom    White Balance   Auto; natural; street lamp; outdoor; manual; regional custom    White Balance   Auto; natural; street lamp; outdoor; manual; regional custom    White Balance   Auto; natural; street lamp; outdoor; manual; regional custom    White Balance   Auto; natural; street lamp; outdoor; manual; regional custom    White Balance   Auto; natural; street lamp; outdoor; manual; regional custom    White Balance   Auto; natural; street lamp; outdoor; manual; regional custom    Noise Reduction   3D NR    Motion Detection   OFF/ON (4 areas, rectangular)    Region of Interest (RoI)   Yes (4 areas)    Smart Illumination   Yes    Improve   Yes    Improve   Yes    Improve   Yes    Improve   Intrusion, tripwire (the two functions support the classification and accurate detection of vehicle and human)    Intrusion, tripwire (the two functions support the classification and accurate detection of vehicle and human)    INTRUSION   SMD 4.0   SMD 4.0    Auto; natural; street lamp; outdoor; manual; regional custom    White Balance   Auto; natural; street lamp; outdoor; manual; regional custom    White Balance   Auto; natural; street lamp; outdoor; manual; regional custom    White Balance   Auto; natural; street lamp; outdoor; manual; regional custom    Ves   Seme Self-adaptation    Ves    Balance   Auto; natural; street lamp; outdoor; manual; regional custom    White Balance   Auto; natural; street lamp; outdoor; manual; regional custom    Scene Self-adaptation    Ves    Balance   Auto; natural; street lamp; outdoor; manual; regional custom    Ves (2 areas)    Smart Illumination   Yes    Image Notation   Privacy Masking   4 areas    LDC   Yes    Privacy Masking   4 areas    LDC   Ves    Auto; natural; street lamp; outdoor; manual; regional custom    White Balance	Angle Adjustment							Video Bit Rate	
Lens Mount M12  Focal Length 2.8 mm; 3.6 mm  Max. Aperture F1.0  Field of View 2.8 mm; H: 97°; V: 70°; D: 128* 3.6 mm; H: 78°; V: 58°; D: 102*  White Balance Muto; natural; street lamp; outdoor; manual; regional custom  Close Focus Distance 2.8 mm: 1.5 m (4.92 ft) 3.6 mm; 2.2 m (7.22 ft)  Lens Detect Observe Recognize Identify  2.8 mm (216.54 ft) (86.61 ft) (43.31 ft) (21.65 ft)  DORI Distance 3.6 mm 78.0 m (22.58 mt) (102.36 ft) (102	Lens							Day/Night	
Focal Length 2.8 mm; 3.6 mm  Max. Aperture F1.0  Field of View 2.8 mm; H: 97°, V: 70°, D: 128° 3.6 mm; H: 78°, V: 58°, D: 102°  Iris Control Fixed Score Self-adaptation (SSA)  Iris Control Fixed Samm: 1.5 m (4.92 ft) 3.6 mm; 2.2 m (7.22 ft)  Lens Detect Observe Recognize Identify (21.65 ft)  2.8 mm 66.0 m (216.54 ft) (86.61 ft) (43.31 ft) (21.65 ft)  DORI Distance 3.6 mm 78.0 m (22.5 m) 15.6 m 7.8 m (21.65 ft)  PORI Distance **  **ORI (Detect, Observe, Recognize, Identify) is a standard system (EN-62676-4) for defining the ability of a person viewing the video to distinguish persons or objects within a covered area. The numbers in this table do not reflect intelligent function distances. Fer intelligent function distances, refer to installation and commissioning manual/project design tool.  Intelligence  INTS (Perimeter Protection)  SMD SMD 4.0  **MD 4.0  **MD 4.0  **DR	Lens Type		Fixed-focal					BLC	Yes
Max. Aperture F1.0 Field of View 2.8 mm; H: 97°; V: 70°; D: 128° 3.6 mm; H: 78°; V: 58°; D: 102°  White Balance  Auto; natural; street lamp; outdoor; manual; regional custom  Close Focus Distance  2.8 mm; 1.5 m (4.92 ft) 3.6 mm; 2.2 m (7.22 ft)  Lens Detect Observe Recognize (86.61 ft) (86.61 ft) (13.2 m (6.6 m (25.59 ft)) DORI Distance  DORI Distance  3.6 mm 78.0 m (25.59 ft) (102.36 ft) (102.36 ft) (102.36 ft) (102.36 ft) (102.36 ft) DORI (Detect) Observe, Recognize, Identify is a standard system (EN-626'6-4) for defining the ability of a person viewing the video to distinguish persons or objects within a covered area. The numbers in this table do not reflect intelligent function distances. For intelligent function distances, refer to installation and commissioning manual/project design tool.  Intelligence  IVS (Perimeter Protection) SMD 4.0  More Galin Control Auto Auto; natural; street lamp; outdoor; manual; regional custom  White Balance Auto; natural; street lamp; outdoor; manual; regional custom  Ves  Sain Control Auto  OFF/ON (4 areas, rectangular)  Noise Reduction OFF/ON (4 areas, rectangular)  Feegion of Interest (RoI) Ves (4 areas)  Smart Illumination Ves  Defog  Yes  Image Rotation O'90°/180°/270° (Support 90°/270° with 2688 × 1520 resolution and lower)  Intelligence  IVS (Perimeter Protection)  Intrusion, tripwire (the two functions support the classification and accurate detection of vehicle and human)  Auto Auto;	Lens Mount		M12					HLC	Yes
Field of View 2.8 mm: H: 97°; V: 70°; D: 128° 3.6 mm: H: 98°; V: 58°; D: 102°  White Balance Auto; natural; street lamp; outdoor; manual; regional custom custom  Close Focus Distance 2.8 mm: 1.5 m (4.92 ft) 3.6 mm: 2.2 m (7.22 ft)  Lens Detect Observe Recognize Identify (86.6 ft) (21.65 ft) (21.65 ft)  DORI Distance 3.6 mm (255.91 ft) (30.31 ft) (21.65 ft)  PORI (Detect, Observe, Recognize, Identify) is a standard system (EN-62676-4) for defining the ability of a person viewing the wideo to distinguish persons or objects within a covered area. The numbers in this table do not reflect intelligent function distances, refer to installation and commissioning manual/project design tool.  Intelligence  IVS (Perimeter Protection) SMD 4.0  SMD SMD 4.0  Scene Self-adaptation (SSA)  White Balance Auto; natural; street lamp; outdoor; manual; regional custom  (SSA)  White Balance Auto; natural; street lamp; outdoor; manual; regional custom  (SSA)  White Balance Auto; natural; street lamp; outdoor; manual; regional custom  (SSA)  White Balance  Auto; natural; street lamp; outdoor; manual; regional custom  (SSA)  White Balance  Auto; natural; street lamp; outdoor; manual; regional custom  (SSA)  White Balance  Auto; natural; street lamp; outdoor; manual; regional custom  (SSA)  Noise Reduction 3D NR  Motion Detection OFF/ON (4 areas, rectangular)  Fegion of Interest (RoI) Yes (4 areas)  Smart Illumination Yes  Defog Yes  Image Rotation 0'90°/180°/270° (Support 90°/270° with 2688 × 1520° resolution and lower)  Final proving manual/project design tool.  Mirror Yes  Privacy Masking 4 areas  LDC Yes	Focal Length		2.8 mm; 3.6 mm					WDR	120 dB
Field of View  2.8 mm: H: 97*; V: 70*; D: 128* 3.6 mm: H: 78*; V: 58*; D: 102*  White Balance  Auto; natural; street lamp; outdoor; manual; regional custom  Close Focus Distance  2.8 mm: 1.5 m (4.92 ft) 3.6 mm: 2.2 m (7.22 ft)  Lens  Detect  6.6.0 m (2.6.4 ft) (8.6.1 ft) (8.6.1 ft) (4.3.31 ft) (21.65 ft)  DORI Distance  7.8.0 m (255.91 ft) (102.36 ft) 7.00 ft (Detect, Observe, Recognize, Identify) is a standard system (EN-62676-4) for defining the ability of a person viewing the video to distinguish persons or objects within a covered area. The numbers in this table do not reflect intelligent function distances, refer to installation and commissioning manual/project design tool.  Intelligence  IVS (Perimeter Protection)  SMD  SMD 4.0  Auto  Acto  Auto  Auto  April (SSA)  White Balance  Auto; natural; street lamp; outdoor; manual; regional custom  Auto  Auto  Auto  Auto  Auto  Auto  Auto  Aoto  Aoto  April (SSA)  White Balance  Auto; natural; street lamp; outdoor; manual; regional custom  Auto  Auto  Aoto  Auto  Aoto	Max. Aperture		F1.0					Scene Self-adaptation	Voc
Iris Control  Fixed  Close Focus Distance  2.8 mm: 1.5 m (4.92 ft) 3.6 mm: 2.2 m (7.22 ft)  Lens  Detect  Close Focus Distance  2.8 mm  66.0 m (216.54 ft) (86.61 ft) (43.31 ft) (21.65 ft) DORI Distance  3.6 mm  78.0 m (25.91 ft) (102.36 ft) (10.36 ft) (51.18 ft) (25.59 ft)  PORI (102.36 ft) (30.36 ft) (51.18 ft) (25.59 ft)  **DORI (Detect, Observe, Recognize, Identify) is a standard system (EN-62676-4) for defining the ability of a person viewing the video to distinguish persons or objects within a covered area. The numbers in this table do not reflect intelligent function distances. For intelligent function distances, refer to installation and commissioning manual/project design tool.  Intelligence  IVS (Perimeter Protection)  Intrusion, tripwire (the two functions support the classification and accurate detection of vehicle and human)  SMD 4.0  SMD 4.0  SMD 4.0  SMD 4.0  Custom  Auto  OFF/ON (4 areas, rectangular)  Fegion of Interest (RoI)  Yes (4 areas)  Smart Illumination  Yes  Defog  Yes  Defog  Yes  Image Rotation  O*/90*/180*/270* (Support 90*/270* with 2688 × 1520* resolution and lower)  Mirror  Yes  Audio  Audio	Field of View							(SSA)	
Close Focus Distance    Common	Iris Control		Fixed					White Balance	
Lens Detect Observe Recognize Identify  2.8 mm	Close Focus Distance		,					Gain Control	Auto
2.8 mm		Lens	Detect	Observe	Recognize	Identify		Noise Reduction	3D NR
DORI Distance  3.6 mm  78.0 m (255.91 ft)  *DORI (Detect, Observe, Recognize, Identify) is a standard system (EN-62676-4) for defining the ability of a person viewing the video to distinguish persons or objects within a covered area. The numbers in this table do not reflect intelligent function distances. For intelligent function distances, refer to installation and commissioning manual/project design tool.  Intelligence  Intrusion, tripwire (the two functions support the classification and accurate detection of vehicle and human)  SMD   SMD 4.0  Region of Interest (RoI) Yes (4 areas)  Frequency (15.54 ft) (25.59 ft)  Smart Illumination  Yes  Unity (10.236 ft) (15.18 ft) (25.59 ft)  Frequency (15.18 ft) (25.59 ft)  Smart Illumination  Yes  Image Rotation  Privacy Masking  4 areas  LDC  Yes  Audio		2 8 mm	66.0 m	26.4 m	13.2 m	6.6 m		Motion Detection	OFF/ON (4 areas, rectangular)
Distance    3.6 mm   (255.91 ft)   (102.36 ft)   (51.18 ft)   (25.59 ft)		2.0 111111						Region of Interest (RoI)	Yes (4 areas)
for defining the ability of a person viewing the video to distinguish persons or objects within a covered area. The numbers in this table do not reflect intelligent function distances. For intelligent function distances, refer to installation and commissioning manual/project design tool.  Intelligence  Intrusion, tripwire (the two functions support the classification and accurate detection of vehicle and human)  Intrusion, tripwire (the two functions support the classification and accurate detection of vehicle and human)  SMD 4.0  SMD 4.0  Audio		3.6 mm						Smart Illumination	Yes
function distances. For intelligent function distances, refer to installation and commissioning manual/project design tool.  Intelligence  Intrusion, tripwire (the two functions support the classification and accurate detection of vehicle and human)  Image Rotation  Yes  Privacy Masking  4 areas  LDC  Yes  SMD  SMD 4.0  Audio								Defog	Yes
Intrusion, tripwire (the two functions support the classification and accurate detection of vehicle and human)  INTRUSION, tripwire (the two functions support the classification and accurate detection of vehicle and human)  LDC  Yes  Audio		objects within a covered area. The numbers in this table do not reflect intelligent function distances. For intelligent function distances, refer to installation and						Image Rotation	$0^{\circ}/90^{\circ}/180^{\circ}/270^{\circ}$ (Support $90^{\circ}/270^{\circ}$ with $2688\times1520$ resolution and lower)
INS (Perimeter Protection)  Intrusion, tripwire (the two functions support the classification and accurate detection of vehicle and human)  EDC  Yes  SMD 4.0  Audio	Intelligence						Mirror	Yes	
human) LDC Yes  SMD 4.0 Audio								Privacy Masking	4 areas
	IVS (Perimeter Protection)							LDC	Yes
Uses doen learning algorithms and works with hosts and	SMD		SMD 4.0					Audio	
	AcuPick		Uses deep learning algorithms and works with back-end devices to accurately match targets, such as people and					Built-in MIC	Yes
AcuPick motor vehicles, and search through live and recorded videos to quickly locate targets.  Built-in Speaker Yes			motor vehicles, and search through live and recorded					Built-in Speaker	Yes
Al SSA  Adopt deep learning algorithms to adjust the parameters of the image to suit the conditions.  Audio Compression  PCM; G.711a; G.711Mu; G.726; G.723	AI SSA	AI SSA						Audio Compression	PCM; G.711a; G.711Mu; G.726; G.723

Alarm						
Alarm Event	No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; scene changing; audio detection; intensity change; voltage detection; external alarm; SMD; security 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; PPPoE; SNMP; P2P					
Interoperability	ONVIF (Profile S; Profile G;Profile T); CGI					
User/Host	20 (Total bandwidth: 64 M)					
Storage	FTP;SFTP; Micro SD card (support max. 256 GB); NAS					
Browser	IE: IE 9/11 Chrome Firefox					
Management Software	Smart PSS Lite; DSS; DMSS					
Mobile Client	iOS;Android					
Cyber Security	Video encrypton;Firmware encrypton;Confguraton encrypton;Digest;WSSE;Account lockout;Security logs;IP/MAC fltering;Generaton and importng of X.509 ce rtfcaton;syslog;HTTPS;802.1x;Trusted boot;Trusted executon;Trusted upgrade					
Certification						
Certifications	CE-LVD: EN 62368-1; CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU					
Port						
Audio Input	1 channel (RCA port)					
Audio Output	1 channel (RCA port)					
Alarm Input	1 channel in: wet contact, 5 mA 3–5 VDC					
Alarm Output	1 channel out: wet contact, 300 mA 12 VDC					
Power						
Power Supply	12 VDC; PoE					
Power Consumption	Basic: 3.7 W (12 VDC); 4.8 W (PoE) Max. (H.265+WDR+ warm light+siren and light active deterrence + intelligence on): 8.3 W (12 VDC); 8.8 W (PoE)					
Environment						
Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)					
Operating Humidity	≤95%					
Protection	IP67					
Structure						
Casing Material	Metal					
Product Dimensions	Φ122.0 mm × 110.9 mm (4.80" × Φ4.37")					
Net Weight	0.75 kg (1.65 lb)					
Gross Weight	0.92 kg (2.03 lb)					

Ordering Information								
Туре	Model	Description						
5MP Camera	DH-IPC-HDW3549H-AS-PV	5MP Smart Dual Light Active Deterrence Fixed-focal Eyeball WizSense Network Camera						
	PFA137	Junction Box						
	PFB205W-E	Wall Mount Bracket						
	PFA109	Mount Adapter						
Accessories	PFB220C	Ceiling Mount Bracket						
(Optional)	PFA152-E	Pole Mount Bracket						
	PFM321D	12 VDC 1A Power Adapter						
	PFM900-E	Integrated Mount Teste						
	TF-P100	MicroSD Memory Card						

# Accessories

# Optional:







PFA137 Junction Box

PFB205W-E Wall Mount Bracket

PFA109 Mount Adapter







PFB220C Ceiling Mount Bracket

PFA152-E Pole Mount Bracket

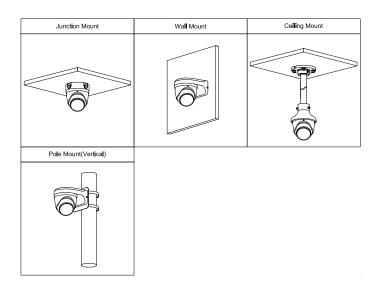
PFM321D 12 VDC 1A Power Adapter



PFM900-E Integrated Mount Tester



TF-P100 Integrated Mount Tester



# Dimensions (mm[inch])

