

DH-IPC-HDW3849H-AS-PV

8 MP Smart Dual Light 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

With advanced deep learning algorithm, Dahua WizSense 3 Series network camera supports intelligent functions, such as perimeter protection and smart motion detection. With starlight technology, this series camera provides a better image effect in the condition of low illuminance.

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.

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 warm 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 warm light is off and the IR illuminator is on, which reduces light pollution efficiently.

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.

* The parameters and datasheets below can only be applied to 3849-PV-S4 series.

- 8-MP 1/2.8" CMOS image sensor, low luminance, and high definition image.
- Outputs max. 8 MP (3840 × 2160)@25/30 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; built-in dual Mic; built-in speaker; 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.
- · One-tap arming/disarming through alarm input.













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.

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

Technical Specification

Camera

Image Sensor	1/2.8" CMOS	
Max. Resolution	3840 (H) × 2160 (V)	
ROM	128 MB	
RAM	512 MB	
Scanning System	Progressive	
Electronic Shutter Speed	Auto/Manual 1/3 s-1/100,000 s	
Min. Illumination	0.004 lux@F1.0 (Color, 30 IRE) 0.0004 lux@F1.0 (B/W, 30 IRE) 0 lux (illuminator on)	
S/N Ratio	> 56 dB	
Illumination Distance	Up to 30 m (98.43 ft) (IR) Up to 30 m (98.43 ft) (warm light)	
Illuminator On/Off Control	Auto; manual	
Illuminator Number	1 (IR LED) 1 (warm light)	
Angle Adjustment	Pan: 0°–360° Tilt: 0°–78° Rotation: 0°–360°	

Lens

Lens Type		Fixed-focal			
Mount Type		M12			
Focal Length		2.8 mm; 3.6 mm			
Field of View		2.8 mm: H: 106°; V: 55°; D: 125° 3.6 mm: H: 85°; V: 45°; D: 100°			
Iris Type		Fixed			
Close Focus Distance		2.8 mm: 2.0 m (6.56 ft) 3.6 mm: 2.8 m (6.23 ft)			
	Lens	Detect	Observe	Recognize	Identify
	2.8 mm	91.0 m (298.56 ft)	36.4 m (119.42 ft)	18.2 m (59.71 ft)	9.1 m (29.86 ft)
DORI Distance	3.6 mm	107.6 m (353.02 ft)	43.0 m (141.08 ft)	21.5 m (70.54 ft)	10.8 m (35.43 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.

Intelligent

IVS (Perimeter Protection)	Tripwire; intrusion (Support the classification and	
	accurate detection of vehicle and human)	

SMD 4.0	Less false alarm, longer detection distance
Smart Search	Work together with Smart NVR to perform refine intelligent search, event extraction and merging to event videos.
Quick Pick	With AI NVR, quickly pick up the human/vehicle targets that users are interested in from SMD events
AI SSA	Adopt deep learning algorithms to adjust the parameters of the image to suit the conditions.
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	$\label{eq:main_stream: 3840 x 2160@(1 fps-30 fps)} % The stream: 704 x 576@(1 fps-25 fps)/704 x 480@(1 fps-30 fps) % Third stream: 1920 x 1080@(1 fps-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	8M (3840 × 2160); 6M (3072 × 2048); 5M (3072 × 1728/2592 × 1944); 4M (2688 × 1520/2560 × 1440); 3M (2048 × 1536/2304 × 1296); 1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240)
Bit Rate Control	CBR/VBR
Video Bit Rate	H.264: 32kbps–8192 kbps H.265:12kbps–8192 kbps
Day/Night	Auto (ICR)/Color/B/W
BLC	Yes
HLC	Yes
WDR	120 dB
Scene Self-adaptation	Yes
White Balance	Auto; natural; street lamp; outdoor; manual; regional custom
Gain Control	Auto; manual
Noise Reduction	3D NR
Motion Detection	OFF/ON (4 areas)
Region of Interest (RoI)	Yes (4 areas)
Smart Illumination	Yes
Defog	Yes
Image Rotation	$0^{\circ}/90^{\circ}/180^{\circ}/270^{\circ}$ (Support $90^{\circ}/270^{\circ}$ with 2688×1520 resolution and lower)
Mirror	Yes
Privacy Masking	8 areas
Audio	
Built-in Mic	Yes, built-in dual Mic
Built-in speaker	Yes, built-in speaker

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

Audio Compression

Alarm Event disconnection; IP conflict; illegal access; motion of disconnection; IP conflict; illegal access; motion of disconnection; IP conflict; illegal access; motion of changing; audio detection; voltage detection; external alarm; SMD; security exception Network Network RI-45 (10/100 Base-T) SDK and API Yes Cyber Security Video encryption; firmware encryption; configuration encryption; Digest; WSSE; account lockout; security logs; IP/Mac Filtering; generation and importing of XSD0 certification; syslog; HTPS, 802.12, trusted boot; trusted execution; frusted upgrade Protocol IPv4; IPv6; HTP; FCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UBPP; NTP; Multicast; ICMP; IGMP, NTS; PPDG; SMMP; P2P Interoperability ONVIF (Profile S,Profile G,Profile T); CGI User/Host Zo (Total bandwidth: 72 M) Storage FTP; SFTP; Micro SD card (Support max. 256 G); NAS EE: IE8/9/11 Chrome Frierlox Management Software Smart PSS; DSS; DMSS Mobile Phone iOS; Android Certification Certification Certy EN G2368-1; CE-MC: Electromagnetic Compatibility Directive 2014/30/EU; EC-MC: Electromagnetic Compatibility Directiv	Alarm	
Network R.45 (10/100 Base-T) SDK and API Yes Video encryption; Digest; WSSE; account lockout; security logs; IP/MAC filtering; generation and importing of X.509 certification, syslog; HTPS; 802.1x; trusted boot; trusted execution; trusted ungrade Protocol IP-4; IP-6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; STFP; DHCP; DNS; DoNS; QoS; UP-P; NTP; Multicast; ICMP; IGMP, NFS; PPPOE; SNMP; P2P Interoperability ONVIF (Profile S; Profile G; Profile T); CGI User/Host 20 (Total bandwidth: 72 M) Storage FTP; SFTP; Micro SD card (Support max. 256 G); NAS IE: IE8/9/11 Chrome Firefox Management Software Smart PSS; DSS; DMSS Mobile Phone iOS; Android Certification CE-IVD: EN 62368-1; CE-EMC; Electromagnetic Compatibility Directive 2014/30/EU; EC-C: 47 CRF EC Part 15, Subpart B; UL/CUL: UL62368-1 & CAN/CSA C22.2 No. 62368-1-14 Port Audio Input 1 channel (RCA port) Alarm Input 1 channel in: wet contact, 5 mA 3 V-5 VDC Alarm Output 1 channel in: wet contact, 5 mA 3 V-5 VDC Alarm Output 1 channel out: wet contact, 300 mA 12 VDC Power Power Supply 12 VDC/PoE (802.3af) Power Consumption Basic: 5.2 W (12 VDC); 5.5 W (PoE) Max. (pulling stream-warning light-speaker-warm light on): 9.2 W (ECL2 V) 10.2 W (POE) Environment Operating Conditions -40 °C to +60 °C (-40 °F to +140 °F)/Less than 95% RH Storage Conditions -40 °C to +60 °C (-40 °F to +140 °F)/Less than 95% RH Storage Conditions -40 °C to +60 °C (-40 °F to +140 °F) Protection Grade IP67 Structure Casing Metal Dimensions 110.9 mm × Φ122.0 mm (4.37" × Φ4.80") Net Weight 745 g (1.64 lb)	Alarm Event	disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; scene changing; audio detection; voltage detection; external
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 Protocol	Network	
Cyber Security Video encryption; firmware encryption; configuration encryption; Digest; WSSE; account lockout; security logs; IPMAC filtering; generation and importing of X.509 certification; syslog; HTPS; 802.1x; trusted boot; trusted execution; trusted upgrade Protocol IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; LOS; UPPP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; SNMP; P2P Interoperability ONVIF (Profile S; Profile G; Profile T); CGI User/Host 20 (Total bandwidth: 72 M) Storage FTP; SFTP; Micro SD card (Support max. 256 G); NAS Browser IE: IE8/9/11 Chrome Firefox Management Software Smart PSS; DSS; DMSS Mobile Phone IOS; Android Certification CE-LVD: EN 62368-1; CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU; PCC: 47 CFR PCC Part 15, Subpart 8; ULYCUL-UL62368-1 & CAN/CSA C22.2 No. 62368-1-14 Port Audio Input 1 channel (RCA port) Audio Output 1 channel (RCA port) Alarm Input 1 channel in: wet contact, 5 mA 3 V-5 VDC Alarm Output 1 channel in: wet contact, 5 mA 3 V-5 VDC Alarm Output 1 channel out: wet contact, 5 mA 3 V-5 VDC Power Consumption Max. (pulling stream+warning light+speaker+warm light on): 9.2W (DC12 V) 10.2 W (POE) Environment Operating Conditions	Network	RJ-45 (10/100 Base-T)
Cyber Security encryption; Digest; WSSE; account lockout; security logs; IP/MAC filtering; generation and importing of X.509 certification; syslog; HTTFS; 802.1x; trusted boot; trusted execution; trusted upgrade execution; trusted upgrade IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; MSS; PPDGG; SNMP; P2P Interoperability ONVIF (Profile S; Profile G; Profile T); CGI User/Host 20 (Total bandwidth: 72 M) Storage FTP; SFTP; Micro SD card (Support max. 256 G); NAS IE: IE8/9/11 Chrome IFrefox CE-LVD: EN 62368-1; CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU; CE-C: 47 CR FC CP art 15, Subpart B; UL/CUL:UL62368-1 & CAN/CSA C22.2 No. 62368-1-14 Port 1 channel (RCA port) Audio Output 1 channel (RCA port) 1 channel (RCA port) 1 channel (RCA port) 1 channel out: wet contact, 5 mA 3 V-5 VDC Alarm Output 1 channel out: wet contact, 300 mA 12 VDC Power 2 VDC/PoE (802.3af) Basic: 5.2 W (12 VDC); 5.5 W (PoE) Max. (pulling stream+warning light+speaker+warm light on): 9.2W (DC12 V) 10.2 W (POE) Environment Operating Conditions -40 °C to +60 °C (-40 °F to +140 °F)/Less than 95% RH Storage Conditions -40 °C to +60 °C (-40 °F to +140 °F) Protection Grade IP67 Structure Casing Metal Dimensions 110.9 mm × Ф122.0 mm (4.37" × Ф4.80") Net Weight 745 g (1.64 lb) Power Power Power Power Power Power Poment Poperating Conditions 110.9 mm × Ф122.0 mm (4.37" × Ф4.80") Power Pow	SDK and API	Yes
Protocol RTMP; SMTP; SFTP; DHCP; DNS; DDNS; QoS; UPPP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; SNMP; P2P Interoperability ONVIF (Profile S; Profile G; Profile T); CGI User/Host 20 (Total bandwidth: 72 M) Storage FTP; SFTP; Micro SD card (Support max. 256 G); NAS Browser IE: IB8,701 Chrome Firefox Management Software Smart PSS; DSS; DMSS Mobile Phone IOS; Android Certification CE-LVD: EN 62368-1; CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU; FC: 47 CTR FCC Part 15, Subpart B; UL/CUL:UL62368-1 & CAN/CSA C22.2 No. 62368-1-14 Port Audio Input Audio Output 1 channel (RCA port) Alarm Input 1 channel (RCA port) Alarm Output 1 channel out: wet contact, 5 mA 3 V-5 VDC Alarm Output 1 channel out: wet contact, 300 mA 12 VDC Power Power Consumption Basic: 5.2 W (12 VDC); 5.5 W (PoE) Max. (pulling stream+warning light+speaker+warm light on): 9.2W (DC12 V) 10.2 W (POE) Environment -40 °C to +60 °C (-40 °F to +140 °F)/Less than 95% RH Storage Conditions -40 °C to +60 °C (-40 °F to +140 °F) Protection Grade IP67 Structure Casing <	Cyber Security	encryption; Digest; WSSE; account lockout; security logs; IP/MAC filtering; generation and importing of X.509 certification; syslog; HTTPS; 802.1x; trusted boot; trusted
User/Host 20 (Total bandwidth: 72 M) Storage FTP; SFTP; Micro SD card (Support max. 256 G); NAS Browser Chrome Firefox Management Software Smart PSS; DSS; DMSS Mobile Phone iOS; Android Certification CE-LVD: EN 62368-1; 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 Port Audio Input 1 channel (RCA port) Alarm Input 1 channel in: wet contact, 5 mA 3 V-5 VDC Alarm Output 1 channel out: wet contact, 300 mA 12 VDC Power Power Supply 12 VDC/PoE (802.3af) Power Consumption Basic: 5.2 W (12 VDC); 5.5 W (PoE) Max. (pulling stream+warning light+speaker+warm light on): 9.2 W (DC12 V) 10.2 W (POE) Environment Operating Conditions -40 °C to +60 °C (-40 °F to +140 °F)/Less than 95% RH Storage Conditions -40 °C to +60 °C (-40 °F to +140 °F) Protection Grade IP67 Structure Casing Metal Dimensions 110.9 mm × Φ122.0 mm (4.37" × Φ4.80") Net Weight 745 g (1.64 lb)	Protocol	RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP;
Storage FTP; SFTP; Micro SD card (Support max. 256 G); NAS IE: IE8/9/11 Chrome Firefox Management Software Smart PSS; DSS; DMSS Mobile Phone iOS; Android Certification CE-LVD: EN 62368-1; CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU; FCC: 47 CFR FCC Part 15, Subpart B; UL/CUL: U162368-1 & CAN/CSA C22.2 No. 62368-1-14 Port Audio Input 1 channel (RCA port) Audio Output 1 channel in: wet contact, 5 mA 3 V-5 VDC Alarm Input 1 channel out: wet contact, 300 mA 12 VDC POWEr Power Supply 12 VDC/PoE (802.3af) Basic: 5.2 W (12 VDC); 5.5 W (PoE) Max. (pulling stream+warning light+speaker+warm light on): 9.2W (DC12 V) 10.2 W (POE) Environment Operating Conditions -40 °C to +60 °C (-40 °F to +140 °F)/Less than 95% RH Storage Conditions -40 °C to +60 °C (-40 °F to +140 °F) Protection Grade IP67 Structure Casing Metal Dimensions 110.9 mm × Ф122.0 mm (4.37" × Ф4.80") Net Weight 745 g (1.64 lb)	Interoperability	ONVIF (Profile S;Profile G;Profile T); CGI
Browser IE: E8/9/11 Chrome Firefox	User/Host	20 (Total bandwidth: 72 M)
Browser Chrome Firefox Management Software Smart PSS; DSS; DMSS Mobile Phone iOS; Android Certification CE-LVD: EN 62368-1; 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 Port Audio Input 1 channel (RCA port) Audio Output 1 channel (RCA port) Alarm Input 1 channel in: wet contact, 5 mA 3 V-5 VDC Alarm Output 1 channel out: wet contact, 300 mA 12 VDC Power Power Supply 12 VDC/PoE (802.3af) Basic: 5.2 W (12 VDC); 5.5 W (POE) Max. (pulling stream+warning light+speaker+warm light on): 9.2W (DC12 V) 10.2 W (POE) Environment Operating Conditions -40 °C to +60 °C (-40 °F to +140 °F)/Less than 95% RH Storage Conditions -40 °C to +60 °C (-40 °F to +140 °F) Structure Casing Metal Dimensions 110.9 mm × Φ122.0 mm (4.37" × Φ4.80") Net Weight 745 g (1.64 lb)	Storage	FTP; SFTP; Micro SD card (Support max. 256 G); NAS
Mobile Phone iOS; Android Certification CE-LVD: EN 62368-1; 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 Port Audio Input 1 channel (RCA port) Audio Output 1 channel (RCA port) Alarm Input 1 channel in: wet contact, 5 mA 3 V−5 VDC Alarm Output 1 channel out: wet contact, 300 mA 12 VDC Power Power Supply Power Consumption Basic: 5.2 W (12 VDC); 5.5 W (PoE) Max. (pulling stream+warning light+speaker+warm light on): 9.2W (DC12 V) 10.2 W (POE) Environment Operating Conditions Operating Conditions −40 °C to +60 °C (−40 °F to +140 °F)/Less than 95% RH Storage Conditions −40 °C to +60 °C (−40 °F to +140 °F) Protection Grade IP67 Structure Casing Metal Dimensions 110.9 mm × Φ122.0 mm (4.37" × Φ4.80") Net Weight 745 g (1.64 lb)	Browser	Chrome
Certification CE-LVD: EN 62368-1; CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU; ECC: 47 CFR FCC Part 15, Subpart B; UL/CUL:UL62368-1 & CAN/CSA C22.2 No. 62368-1-14 Port Audio Input 1 channel (RCA port) Audio Output 1 channel (RCA port) Alarm Input 1 channel in: wet contact, 5 mA 3 V-5 VDC Alarm Output 1 channel out: wet contact, 300 mA 12 VDC Power Power Supply 12 VDC/PoE (802.3af) Basic: 5.2 W (12 VDC); 5.5 W (PoE) Max. (pulling stream+warning light+speaker+warm light on): 9.2W (DC12 V) 10.2 W (POE) Environment Operating Conditions -40 °C to +60 °C (-40 °F to +140 °F)/Less than 95% RH Storage Conditions -40 °C to +60 °C (-40 °F to +140 °F) Protection Grade IP67 Structure Casing Metal Dimensions 110.9 mm × Φ122.0 mm (4.37" × Φ4.80") Net Weight 745 g (1.64 lb)	Management Software	Smart PSS; DSS; DMSS
Certification CE-LVD: EN 62368-1; 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 Port Audio Input	Mobile Phone	iOS; Android
Certification 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 Port Audio Input	Certification	
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Alarm Output 1 channel out: wet contact, 300 mA 12 VDC Power Power Supply 12 VDC/PoE (802.3af) Basic: 5.2 W (12 VDC); 5.5 W (PoE) Max. (pulling stream+warning light+speaker+warm light on): 9.2W (DC12 V) 10.2 W (POE) Environment Operating Conditions -40 °C to +60 °C (-40 °F to +140 °F)/Less than 95% RH Storage Conditions -40 °C to +60 °C (-40 °F to +140 °F) Protection Grade IP67 Structure Casing Metal Dimensions 110.9 mm × Φ122.0 mm (4.37" × Φ4.80") Net Weight 745 g (1.64 lb)	Audio Output	1 channel (RCA port)
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Power Supply 12 VDC/PoE (802.3af) Basic: 5.2 W (12 VDC); 5.5 W (PoE) Max. (pulling stream+warning light+speaker+warm light on): 9.2W (DC12 V) 10.2 W (POE) Environment Operating Conditions -40 °C to +60 °C (-40 °F to +140 °F)/Less than 95% RH Storage Conditions -40 °C to +60 °C (-40 °F to +140 °F) Protection Grade IP67 Structure Casing Metal Dimensions 110.9 mm × Φ122.0 mm (4.37" × Φ4.80") Net Weight 745 g (1.64 lb)	Alarm Output	1 channel out: wet contact, 300 mA 12 VDC
Power Consumption Basic: 5.2 W (12 VDC); 5.5 W (PoE) Max. (pulling stream+warning light+speaker+warm light on): 9.2W (DC12 V) 10.2 W (POE) Environment -40 °C to +60 °C (-40 °F to +140 °F)/Less than 95% RH Storage Conditions -40 °C to +60 °C (-40 °F to +140 °F) Protection Grade IP67 Structure Casing Dimensions 110.9 mm × Φ122.0 mm (4.37" × Φ4.80") Net Weight 745 g (1.64 lb)	Power	
Power Consumption Max. (pulling stream+warning light+speaker+warm light on): 9.2W (DC12 V) 10.2 W (POE) Environment —40 °C to +60 °C (-40 °F to +140 °F)/Less than 95% RH Storage Conditions —40 °C to +60 °C (-40 °F to +140 °F) Protection Grade IP67 Structure Casing Dimensions 110.9 mm × Φ122.0 mm (4.37" × Φ4.80") Net Weight 745 g (1.64 lb)	Power Supply	12 VDC/PoE (802.3af)
Operating Conditions -40°C to $+60^{\circ}\text{C}$ (-40°F to $+140^{\circ}\text{F}$)/Less than 95% RH Storage Conditions -40°C to $+60^{\circ}\text{C}$ (-40°F to $+140^{\circ}\text{F}$) Protection Grade IP67 Structure Casing Metal Dimensions $110.9\text{mm} \times \Phi 122.0\text{mm}$ ($4.37'' \times \Phi 4.80''$) Net Weight 745g (1.64lb)	Power Consumption	Max. (pulling stream+warning light+speaker+warm light
Storage Conditions -40°C to $+60^{\circ}\text{C}$ (-40°F to $+140^{\circ}\text{F}$) Protection Grade IP67 Structure Casing Metal Dimensions $110.9\text{mm} \times \Phi122.0\text{mm}$ ($4.37'' \times \Phi4.80''$) Net Weight 745g (1.64lb)	Environment	
Protection Grade IP67 Structure Casing Metal Dimensions 110.9 mm × Φ122.0 mm (4.37" × Φ4.80") Net Weight 745 g (1.64 lb)	Operating Conditions	-40 °C to +60 °C (-40 °F to +140 °F)/Less than 95% RH
Structure Metal Dimensions 110.9 mm × Φ122.0 mm (4.37" × Φ4.80") Net Weight 745 g (1.64 lb)	Storage Conditions	-40 °C to +60 °C (-40 °F to +140 °F)
Casing Metal Dimensions 110.9 mm × Φ122.0 mm (4.37" × Φ4.80") Net Weight 745 g (1.64 lb)	Protection Grade	IP67
Dimensions $110.9 \text{ mm} \times \Phi 122.0 \text{ mm} (4.37" \times \Phi 4.80")$ Net Weight $745 \text{ g} (1.64 \text{ lb})$	Structure	
Net Weight 745 g (1.64 lb)	Casing	Metal
	Dimensions	110.9 mm × Φ122.0 mm (4.37" × Φ4.80")
Gross Weight 915 g (2.02 lb)	Net Weight	745 g (1.64 lb)
	Gross Weight	915 g (2.02 lb)

Ordering Information		
Туре	Model	Description
8MP Camera	DH-IPC-HDW3849H-AS-PV	8 MP Smart Dual Light Active Deterrence Fixed-focal Eyeball WizSense Network Camera
	IPC-HDW3849H-AS-PV	8 MP 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 Tester
	TF-P100	MicroSD Memory Card

Accessories

Optional:







PFB205W-E Wall Mount Bracket



PFA109 Mount Adapter



PFB220C Ceiling Mount Bracket



PFA152-E Pole Mount Bracket



PFM321D 12 VDC 1A Power Adapter

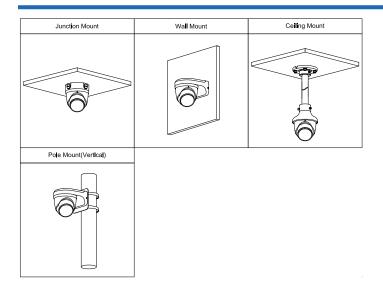


PFM900-E Integrated Mount Tester



TF-P100 MicroSD Memory Card

Wiz Sense | DH-IPC-HDW3849H-AS-PV



Dimensions (mm[inch])

