



DH-IPC-HFW5442T-ASE

4MP IR Fixed-focal Bullet WizMind Network Camera





Launched by Dahua Technology, Dahua WizMind is a full portfolio of solutions composed of project-oriented products including IPC, NVR, PTZ, XVR, Thermal and software platform which adopts industry-leading deep learning algorithms. Focusing on customer's requirements, WizMind provides precise, reliable and comprehensive AI solutions for verticals.

Series Overview

With starlight solution and deep learning algorithm, Dahua WizMind 5 Series network camera has various intelligent functions, including face capture, perimeter protection and people counting, which greatly improve the accuracy of video analysis.

Functions

Face Detection

Dahua Face Detection technology can detect the face in the image. With deep learning algorithm, the technology supports detecting, tracking, capturing and selecting the best face image, and then outputs face snapshot.

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, fast moving, parking detection, loitering detection and gathering detection) are largely reduced.

People Counting

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/daily reports to meet your requirements.

- 4-MP 1/1.8" CMOS image sensor, low luminance, and high definition
- Outputs max. 4 MP (2688 × 1520)@30 fps.
- H.265 codec, high compression rate, ultra-low bit rate.
- Built-in IR LED, and the max. illumination distance is 50 m.
- ROI, SVC, 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, fast moving (the three functions support the classification and accurate detection of vehicle and human); abandoned object, missing object, loitering detection, people gathering, parking detection, heat map and face detection.
- · Abnormality detection: Motion detection, video tampering, scene changing, audio detection, no SD card, SD card full, SD card error, network disconnection, IP conflict, illegal access, and voltage detection.
- · Alarm: 1 in, 1 out; audio: 1 in, 1 out; supports max. 256 G Micro SD card.
- 12 VDC/PoE power supply, easy for installation.
- ePoE; IP67 and IK10 protection.
- SMD 3.0.











ePoE

Dahua's innovative ePoE technology offers a new solution to transmit power and data over long distances between cameras and network switch, allowing more flexible design of surveillance system, improving reliability, reducing installation time and saving money. ePoE technology encompasses pure network systems where a single CAT6 cable can carry signals up to 300 m (984 ft) at 100 Mbps, 800 m (2625 ft) at 10 Mbps.

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, IK10, 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.

IK10: The enclosure can stand the punch more than 5 times from a 5 kg hammer falling from a height of 40 cm (Impact energy is 20J).

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.

Technical Specification

Camera

Image Sensor	1/1.8" CMOS
Max. Resolution	2688 (H) × 1520 (V)
ROM	128MB
RAM	512MB
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3 s-1/100,000 s
Min. Illumination	0.002 lux@F1.6 (Color, 30 IRE) 0.0002 lux@F1.6 (B/W, 30 IRE) 0 lux (Illuminator on)
S/N Ratio	>56 dB
Illumination Distance	2.8 mm: 30 m (98.43 ft) (IR) 3.6 mm: 30 m (98.43 ft) (IR) 6 mm: 50 m (164.04 ft) (IR)
Illuminator On/Off Control	Auto; manual
Illuminator Number	4 (IR LED)
Pan/Tilt/Rotation Range	Pan: 0°-360° Tilt: 0°-90° Rotation: 0°-360°

Lens

Distance

3.6 mm

6 mm

Lens Type		Fixed-focal			
Lens Mount		M12			
Focal Length		2.8 mm; 3.6 mm; 6 mm			
Max. Apertu	re	F1.6			
Field of View	,	2.8 mm: Horizontal: 113°; Vertical: 60°; Diagonal: 134° 3.6 mm: Horizontal: 89°; Vertical: 48°; Diagonal: 104° 6 mm: Horizontal: 56°; Vertical: 31°; Diagonal: 65°		onal: 104°	
Iris Control		Fixed			
Close Focus Distance		2.8 mm: 0.6 m (1.97 ft) 3.6 mm: 1.2 m (3.94 ft) 6 mm: 2.5 m (8.20 ft)			
	Lens	Detect	Observe	Recognize	Identify
DORI	2.8 mm	38.6 m (126.64 ft)	15.4 m (50.52 ft)	7.7 m (25.26 ft)	3.9 m (12.80 ft)
DOM					

55.2 m

(181.10 ft)

82.8 m

(271.65 ft)

22.1 m

(72.51 ft)

33.1 m

(108.60 ft)

11.0 m

(36.09 ft)

16.6 m

(54.46 ft)

5.5 m

(18.04 ft)

8.3 m

(27.23 ft)

Smart Event

IVS	Abandoned object; missing object	
Heat Map	Yes	

Professional, intelligent

IVS (Perimeter Protection)	Intrusion, tripwire, fast moving (the three functions support the classification and accurate detection of vehicle and human); loitering detection, people gathering, and parking detection
SMD 3.0	Less false alarm, longer detection distance
Face Detection	Face detection; track; snapshot; snapshot optimization; optimal face snapshot upload; face enhancement; face exposure; face snapshot set as face, one-inch photo or custom; 3 snapshot strategies (real-time snapshot, optimization snapshot and quality first); face angle filter; optimization time setting
People Counting	Tripwire people counting, generating and exporting report (day/month); people counting in area; queue management; 4 rules can be set for tripwire, people counting in area and queue management.
Smart Search	Work together with Smart NVR to perform refine intelligent search, event extraction and merging to event videos

Smart Search	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+
Al Coding	AI H.265; AI H.264
Video Frame Rate	Main stream: 2688 × 1520@ (1–25/30 fps) Sub stream: D1@(1–25/30 fps) Third stream: 1080p@(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	2688×1520; 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: 3 kbps–20480 kbps H.265: 3 kbps–20480 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; manual
Noise Reduction	3D NR
Motion Detection	OFF/ON (4 areas, rectangular)
Region of Interest (RoI)	Yes (4 areas)
Defog	Yes
Image Rotation	$0^{\circ}/90^{\circ}/180^{\circ}/270^{\circ}$ (Support $90^{\circ}/270^{\circ}$ with 4M resolution and lower)



Mirror Yes Privacy Masking 8 areas Audio Audio Compression PCM; G.711a; G.711Mu; G.726; G.723 Alarm No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; fast moving; abandoned object; missing object; tolicering detection; people gathering; parking detection; scene changing; audio detection; people counting in area; stay detection; people counting; SMD; people counting in area; stay detection; people counting; SMD; people counting in area; stay detection; people counting; Security exception Network Port RJ-45 (10/100 Base-T) SDK and API Yes Cyber Security Ves Video encryption; firmware encryption; configuration encryption; Digest; WSSE; account lockout; security logs; IP/Mac filtering; generation and importing of X.509 certification; sysleg, HTTPS; 802.1x; trusted boot; trusted execution; tr		
Audio Compression PCM; G.711a; G.711Mu; G.726; G.723 Alarm No SD card; SD card full; SD card error; network disconnection; IP conflict; Illegal access; motion detection; used to amoving; abandoned object; missing object; loitering detection; people gathering; parking detection; seene changing; audio detection; external alarm; SMD; people counting in area; stay detection; people counting; security exception Network Network Port RJ-45 (10/100 Base-T) SDK and API Yes Video encryption; firmware encryption; configuration encryption; pigest; WSSE; account lockout; security log; certification; syslog; HTTPs; B02.1x; trusted boot; trusted execution; trusted upgrade Pev4; IPv6; HTTP; HTTPs; TCP; UDP; ARP; RTSP; RTCP; RTMP; SMTP; FFF; SFFP; DHCP; DNS; DONS; GoS; UPnP; NTP; Multicast; ICMP; IGMP; INS; DMS; GoS; UPnP; NTP; MID; SMMP Interoperability ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; P2P User/Host 20 (Total bandwidth: 80 M) Storage FTP; SFTP; Micro SD card (support max. 256 GB); NAS IE: IE 8 and later Chrome Firefox Management Software Smart PSS; DSS; DMSS Mobile Client IOS; Android Certification CE-LVD: EN60950-1; CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU; ULCOU: ULCOU: ULCOUS 2014/30/EU; ULCOUS 2014/EU; ULCOUS 2014/EU; ENCOUS 2014/EU; ENCOUS 2	Mirror	Yes
Audio Compression Alarm No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; fast moving; abandoned object; missing object; toltering detection; people gathering; parking detection; scene changing; audio detection; external alarm; SMD; people counting in area; stay detection; external alarm; SMD; people counting in area; stay detection; external alarm; SMD; people counting in area; stay detection; external alarm; SMD; people counting; security exception Network Network Port RJ-45 (10/100 Base-T) SDK and API Yes Video encryption; firmware encryption; configuration encryption; plegst; MSSE; account lockout; security logs; plyAMC filtering; generation and importing of X-S09 certification; syslog; HTTPS; 802.1x; trusted booot; trusted execution; trusted upgrade IPv4; IPv6; HTTP; HTTPS; TCP; UDP; ARP; RTP, RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DONS; QoS; UPRP; NTP; MICticats; ICMP; IGMP, NFS; SAMBA; PPPOE; 802.1x; SNMP Interoperability ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; P2P User/Host 20 (Total bandwidth: 80 M) Storage FTP; SFTP; Micro SD card (support max. 256 GB); NAS IE: IE 8 and later Chrome Firefox Management Software Smart PSS; DSS; DMSS Mobile Client OS; Android Certifications Certification Certification	Privacy Masking	8 areas
Alarm No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; fast moving; abandoned object; missing object; loitering detection; people gathering; parking detection; scene changing; audio detection; people counting; security exception Network Network Port RJ-45 (10/100 Base-T) SDK and API Yes 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 IP44; IP66; HTTP; HTTBS; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NTS; SAMBA; PPPoE; 802.1x; SMMP Interoperability ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; P2P User/Host 20 (Total bandwidth: 80 M) Storage FTP; SFTP; Micro SD card (support max. 256 GB); NAS IE: IE 8 and later Chrome Firefox Management Software Mobile Client CE-LVD: EN60950-1; CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU; FCC: 47 CFR FCC Part 15, Subpart B; UL/CUL: UL60950-1; 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 Port Audio Input 1 channel (RCA port) Audio Output 1 channel (RCA port) Alarm Input 1 channel (RCA port) Alarm Output 1 channel out: 300 mA 12 VDC Power Power Supply 12 VDC/PoE (802.3af)/ePoE Basic: 2.4 W (12 VDC); 3 W (PoE) Max. (H.265 + three streams + intelligence on + IR on):	Audio	
Alarm Event No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection, video tampering; tripwire; intrusion; fast moving; sbandoned object; missing object; lottering detection; people gathering; parking detection; scene changing; audio detection; people counting; security exception Network Network Port RJ-45 (10/100 Base-T) SDK and API Yes 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 upraced Rework Protocol Network Protocol IPv4; IPv6; HTTP; HTTPS; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; STP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; SAMBA; PPPoE; 802.1x; SNMP Interoperability ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; P2P User/Host 20 (Total bandwidth: 80 M) Storage FTP; SFTP; Micro SD card (support max. 256 GB); NAS IE: IE: B and later Chrome Firefox Management Software Smart PSS; DSS; DMSS Mobile Client CE-LVD: EN60950-1; CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU; FCC: 47 CFR FCC Part 15, Subpart B; UL/CUL: UL60950-1; CREMC: Electromagnetic Compatibility Directive 2014/30/EU; FCC: 47 CFR FCC Part 15, Subpart B; UL/CUL: UL60950-1; CREMC: Electromagnetic Compatibility Directive 2014/30/EU; FCC: 47 CFR FCC Part 15, Subpart B; UL/CUL: UL60950-1; CREMC: Electromagnetic Compatibility Directive 2014/30/EU; FCC: 47 CFR FCC Part 15, Subpart B; UL/CUL: UL60950-1; CREMC: Electromagnetic Compatibility Directive 2014/30/EU; FCC: 47 CFR FCC Part 15, Subpart B; UL/CUL: UL60950-1; CREMC: Electromagnetic Compatibility Directive 2014/30/EU; FCC: 47 CFR FCC Part 15, Subpart B; UL/CUL: UL60950-1; CREMC: Electromagnetic Compatibility Directive 2014/30/EU; FCC: 47 CFR FCC Part 15, Subpart B; UL/CUL: UL60950-1; CREMC: Electromagnetic Compatibility Directive 2014/30/EU; CREMC: Electromagnetic Compatibility Dire	Audio Compression	PCM; G.711a; G.711Mu; G.726; G.723
disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; fast moving; abandoned object, missing object, loitering detection; people gathering; parking detection; scene changing; audio detection; external alarm; SMD; people counting in area; stay detection; people counting; security exception Network Network Port RJ-45 (10/100 Base-T) SDK and API Yes 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 execution; trusted upgrade execution; trusted upgrade execution; trusted upgrade Network Protocol IPv4; IPv6; HTTP; HTTPS; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; STP; DMCP; DNS; DDNS; QoS; UPPP; NTP; Multicast; ICMP; IGMP; NFS; SAMBA; PPPOE; 802.1x; SNMP Interoperability ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; P2P User/Host 20 (Total bandwidth: 80 M) Storage FTP; SFTP; Micro SD card (support max. 256 GB); NAS IE: IE 8 and later Chrome Firefox Management Software Smart PSS; DSS; DMSS Mobile Client CCE-LVD: EN60950-1; CE-EMC: Electromagnetic Compatibility Directive 2014;30/EU; CCC: 47 CFR FCC Part 15, Subpart B; UL/CUL: UL60950-1 CCAN/CSA C22.2 No.60950-1-07 Port Audio Input 1 channel (RCA port) Audio Output 1 channel (RCA port) Audio Output 1 channel (RCA port) Alarm Input 1 channel in: S mA 3-5 VDC Alarm Output 1 channel out: 300 mA 12 VDC Power Power Supply 12 VDC/PoE (802.3af)/ePoE Basic: 2.4 W (12 VDC); 3 W (PoE) Max. (H.2.65 + three streams + intelligence on + IR on):	Alarm	
Network Port SDK and API Yes 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 IPv4; IPv6; HTTP; HTTPS; TCP; UDP; ARP; RTP, RTSP; RTCP; NTP; MITPS; SMTP; FTP, SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; SAMBA; PPPoE; 802.1x; SNMP Interoperability ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; P2P User/Host 20 (Total bandwidth: 80 M) Storage FTP; SFTP; Micro SD card (support max. 256 GB); NAS IE: IE 8 and later Chrome Firefox Management Software Smart PSS; DSS; DMSS Mobile Client OS; Android Certification CE-IVD: EN60950-1; CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU; CC-TCH; CTC RF CC Part 15, Subpart B; UL/CUI: UL60950-1 CAN/CSA C22.2 No.60950-1-07 Port Audio Input 1 channel (RCA port) Audio Output 1 channel (RCA port) Alarm Input 1 channel in: S mA 3-5 VDC Alarm Output 1 channel out: 300 mA 12 VDC Power Power Supply 12 VDC/PoE (802.3af)/ePoE Basic: 2.4 W (12 VDC); 3 W (PoE) Max. (H.265 + three streams + intelligence on + IR on):	Alarm Event	disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; fast moving; abandoned object; missing object; loitering detection; people gathering; parking detection; scene changing; audio detection; external alarm; SMD; people counting in area; stay detection; people counting;
Ves	Network	
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 IPv4; IPv6; HTTP; HTTPS; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; SAMBA; PPPoE; 802.1x; SNMP Interoperability ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; P2P User/Host 20 (Total bandwidth: 80 M) Storage FTP; SFTP; Micro SD card (support max. 256 GB); NAS IE: IE 8 and later Chrome Firefox Management Software Mobile Client Certification CE-LVD: EN60950-1; 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 Port Audio Input 1 channel (RCA port) Alarm Input 1 channel (RCA port) Alarm Output 1 channel out: 300 mA 12 VDC Power Power Supply 12 VDC/PoE (802.3af)/ePoE Basic: 2.4 W (12 VDC); 3 W (PoE) Power Consumption Max. (H.265 + three streams + intelligence on + IR on):	Network Port	RJ-45 (10/100 Base-T)
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 IPv4; IPv6; HTTP; HTTPS; TCP; UDP; ARP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; SAMBA; PPPoE; 802.1x; SNMP Interoperability ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; P2P User/Host 20 (Total bandwidth: 80 M) Storage FTP; SFTP; Micro SD card (support max. 256 GB); NAS IE: IE 8 and later Chrome Firefox Management Software Smart PSS; DSS; DMSS Mobile Client CE-LVD: EN60950-1; 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 Port Audio Input 1 channel (RCA port) Alarm Input 1 channel (RCA port) Alarm Output 1 channel in: 5 mA 3-5 VDC Alarm Output 1 channel out: 300 mA 12 VDC Power Power Supply 12 VDC/PoE (802.3af)/ePoE Basic: 2.4 W (12 VDC); 3 W (PoE) Max. (H.255 + three streams + intelligence on + IR on):	SDK and API	Yes
Network Protocol RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; SAMBA; PPPoE; 802.1x; SNMP Interoperability ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; P2P User/Host 20 (Total bandwidth: 80 M) Storage FTP; SFTP; Micro SD card (support max. 256 GB); NAS Browser IE: IE 8 and later Chrome Firefox Management Software Smart PSS; DSS; DMSS Mobile Client iOS; Android Certification CE-LVD: EN60950-1; 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 Port Audio Input 1 channel (RCA port) Audio Output 1 channel (RCA port) Alarm Input 1 channel in: 5 mA 3-5 VDC Alarm Output 1 channel out: 300 mA 12 VDC Power Power Supply Power Consumption Max. (H.265 + three streams + intelligence on + IR on):	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: 80 M) Storage FTP; SFTP; Micro SD card (support max. 256 GB); NAS IE: IE 8 and later Chrome Firefox Management Software Smart PSS; DSS; DMSS Mobile Client iOS; Android Certification CE-LVD: EN60950-1; 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 Port Audio Input 1 channel (RCA port) Alarm Input 1 channel in: 5 mA 3-5 VDC Alarm Output 1 channel out: 300 mA 12 VDC Power Power Supply 12 VDC/PoE (802.3af)/ePoE Basic: 2.4 W (12 VDC); 3 W (PoE) Max. (H.265 + three streams + intelligence on + IR on):	Network Protocol	RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; SAMBA; PPPoE; 802.1x;
Storage FTP; SFTP; Micro SD card (support max. 256 GB); NAS IE: IE 8 and later Chrome Firefox Management Software Smart PSS; DSS; DMSS Mobile Client IOS; Android Certification CE-LVD: EN60950-1; 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 Port Audio Input 1 channel (RCA port) Audio Output 1 channel in: 5 mA 3-5 VDC Alarm Input 1 channel out: 300 mA 12 VDC Power Power Supply 12 VDC/PoE (802.3af)/ePoE Basic: 2.4 W (12 VDC); 3 W (PoE) Max. (H.265 + three streams + intelligence on + IR on):	Interoperability	ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; P2P
Browser IE: IE 8 and later Chrome Firefox	User/Host	20 (Total bandwidth: 80 M)
Browser Chrome Firefox Management Software Smart PSS; DSS; DMSS Mobile Client iOS; Android Certification CE-LVD: EN60950-1; CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU; PCC: 47 CFR FCC Part 15, Subpart B; UL/CUL: UL60950-1 CAN/CSA C22.2 No.60950-1-07 Port Audio Input 1 channel (RCA port) Audio Output 1 channel in: 5 mA 3–5 VDC Alarm Input 1 channel out: 300 mA 12 VDC Power Power Supply 12 VDC/PoE (802.3af)/ePoE Basic: 2.4 W (12 VDC); 3 W (PoE) Max. (H.265 + three streams + intelligence on + IR on):	Storage	FTP; SFTP; Micro SD card (support max. 256 GB); NAS
Mobile Client Certification CE-LVD: EN60950-1; 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 Port Audio Input 1 channel (RCA port) Audio Output 1 channel (RCA port) Alarm Input 1 channel in: 5 mA 3–5 VDC Alarm Output 1 channel out: 300 mA 12 VDC Power Power Supply 12 VDC/PoE (802.3af)/ePoE Basic: 2.4 W (12 VDC); 3 W (PoE) Max. (H.265 + three streams + intelligence on + IR on):	Browser	Chrome
Certification CE-LVD: EN60950-1; 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 Port Audio Input 1 channel (RCA port) Audio Output 1 channel in: 5 mA 3–5 VDC Alarm Input 1 channel out: 300 mA 12 VDC Power Power Supply 12 VDC/PoE (802.3af)/ePoE Basic: 2.4 W (12 VDC); 3 W (PoE) Max. (H.265 + three streams + intelligence on + IR on):	Management Software	Smart PSS; DSS; DMSS
CE-LVD: EN60950-1; 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 Port Audio Input	Mobile Client	iOS; Android
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 Port Audio Input	Certification	
Audio Input 1 channel (RCA port) Audio Output 1 channel (RCA port) Alarm Input 1 channel in: 5 mA 3–5 VDC Alarm Output 1 channel out: 300 mA 12 VDC Power Power Supply 12 VDC/PoE (802.3af)/ePoE Basic: 2.4 W (12 VDC); 3 W (PoE) Power Consumption Max. (H.265 + three streams + intelligence on + IR on):	Certifications	CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU; FCC: 47 CFR FCC Part 15, Subpart B; UL/CUL: UL60950-1
Audio Output 1 channel (RCA port) Alarm Input 1 channel in: 5 mA 3–5 VDC Alarm Output 1 channel out: 300 mA 12 VDC Power Power Supply 12 VDC/PoE (802.3af)/ePoE Basic: 2.4 W (12 VDC); 3 W (PoE) Max. (H.265 + three streams + intelligence on + IR on):	Port	
Alarm Input 1 channel in: 5 mA 3–5 VDC Alarm Output 1 channel out: 300 mA 12 VDC Power Power Supply 12 VDC/PoE (802.3af)/ePoE Basic: 2.4 W (12 VDC); 3 W (PoE) Power Consumption Max. (H.265 + three streams + intelligence on + IR on):	Audio Input	1 channel (RCA port)
Alarm Output 1 channel out: 300 mA 12 VDC Power Power Supply 12 VDC/PoE (802.3af)/ePoE Basic: 2.4 W (12 VDC); 3 W (PoE) Power Consumption Max. (H.265 + three streams + intelligence on + IR on):	Audio Output	1 channel (RCA port)
Power Supply 12 VDC/PoE (802.3af)/ePoE Basic: 2.4 W (12 VDC); 3 W (PoE) Power Consumption Max. (H.265 + three streams + intelligence on + IR on):	Alarm Input	1 channel in: 5 mA 3–5 VDC
Power Supply 12 VDC/PoE (802.3af)/ePoE Basic: 2.4 W (12 VDC); 3 W (PoE) Power Consumption Max. (H.265 + three streams + intelligence on + IR on):	Alarm Output	1 channel out: 300 mA 12 VDC
Basic: 2.4 W (12 VDC); 3 W (PoE) Power Consumption Max. (H.265 + three streams + intelligence on + IR on):	Power	
Power Consumption Max. (H.265 + three streams + intelligence on + IR on):	Power Supply	12 VDC/PoE (802.3af)/ePoE
	Power Consumption	Max. (H.265 + three streams + intelligence on + IR on):

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)
Protection	IP67; IK10

Structure

Casing	Metal
Product Dimensions	244.1 mm × 79.0 mm × 75.9 mm (9.61" × 3.11" × 2.99") (L × W × H)
Net Weight	815 g (1.80 lb)
Gross Weight	1080 g (2.38 lb)

Ordering Information			
Туре	Model	Description	
414D Carrage	DH-IPC-HFW5442TP-ASE	4MP IR Fixed-focal Bullet WizMind Network Camera, PAL	
4MP Camera	DH-IPC-HFW5442TN-ASE	4MP IR Fixed-focal Bullet WizMind Network Camera, NTSC	
Accessories	PFA135	Junction Box	
	PFA130-E	Junction Box	
	PFA152-E	Pole Mount Bracket	
	PFM321D	12 VDC 1A Power Adapter	
	LR1002-1ET/1EC	Single-port Long Reach Ethernet over Coax Extender	
	PFM900-E	Integrated Mount Tester	

Accessories

Optional:



PFA135 Junction box



PFA130-E Junction box



PFA152-E Pole Mount Bracket



PFM321D 12 VDC 1A Power Adapter

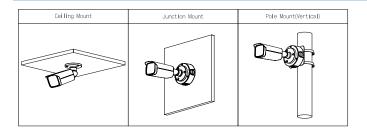


LR1002-1ET/1EC Single-port Long Reach Ethernet over Coax Extender



PFM900-E Integrated Mount Tester

Wiz Mind | DH-IPC-HFW5442T-ASE



Dimensions (mm[inch])

