



DH-IPC-HDBW5541R-ASE

5MP IR Fixed-focal Dome WizMind Network Camera





Launched by Dahua Technology, Dahua WizMind is a full portfolio of solutions composed of project-oriented products including IPC, IVSS,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

Driven by deep learning algorithms, Dahua WizMind S Series network camera offers a variety of intelligent functions that greatly improve the accuracy of audio and video analysis. It supports video metadata, smart sound detection, face detection, perimeter protection, people counting and more. The camera also adopts advanced image processing AI-Powered Image technology and has the Deeplight night vision effect. The camera is dustproof, waterproof and vandal-proof, and is certified as IP67 and IK10 (the type of protection varies depending on the model).

Functions

AI-Powered Image

With AI ISP technology, the camera is able to easily adapt to scenes, producing high quality images that reveal the fine details of targets.

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.

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.

Smart Sound Detection

With deep learning algorithms, Dahua Smart Sound Detection technology can detect and identify the sound of screams, glass breaking, and more.

* The parameters and datasheets below can only be applied to 5541-ASE-S3 series.

- 5-MP 1/2.7" CMOS image sensor, low luminance, and high definition image.
- · Outputs max. 5 MP (2960×1668) @25/30 fps.
- Built-in IR LED, and the max. illumination distance is 50 m.
- ROI, SVC, SMART H.264+/H.265+, AI H.264/H.265, encoding after filter, flexible coding, applicable to various bandwidth and storage environments.
- Rotation mode, WDR, 3D NR, HLC, BLC, digital watermarking, applicable to various monitoring scenes.
- With deep learning algorithm, it supports: video metadata, smart sound detection, IVS, face detection, smart object detection, and people counting, etc.
- Alarm: 1 in, 1 out; audio: 1 in, 1 out; supports max. 512 GB Micro SD card, built-in MIC.
- 12 VDC/PoE power supply; ePoE.
- IP67 and IK10 protection.
- SMD 3.0.













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 reports to meet your requirements.

Video Metadata

With deep learning algorithm, Dahua Video Metadata technology can detect, track, capture vehicle, non-motor vehicle and people, and select the best images, and extract attributes.

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 work normally 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.

Smart Object Detection

Technical Specification							SMD	SMD 3.0
Camera								Uses deep learning algorithms and works with back-end
Image Sensor		1/2.7" CMOS					AcuPick	devices to accurately match targets, such as people and motor vehicles, and search through live and recorded videos to quickly locate targets.
Max. Resolution		2960 (H) × 1668 (V)					ALSSA	Yes
ROM		4 GB					711 3371	Face detection; track; snapshot; snapshot optimization;
RAM		1 GB						optimal face snapshot upload; face enhancement; face exposure; face attributes extraction including 6 attribute
Scanning System		Progressive					Face Detection	and 8 expressions; face snapshot set as face, one- inch photo or custom; snapshot strategies (real-time snapshot, quality priority and optimization snapshot); face angle filter; optimization time setting
Electronic Shutter Speed		Auto/Manual 1/3 s-1/100,000 s						
Min. Illumination		0.0009 lux@F1.6 (Color, 30 IRE) 0.0005 lux@F1.6 (B/W ,30 IRE) 0 lux (Illuminator on)						Tripwire people counting, generating and exporting report (day/week/month/year); people counting in area and queue management, generating and
S/N Ratio		>56 dB					People Counting exporting report (day/week/month); 4 rules can be set for tripwire, people counting in area and queue management.	exporting report (day/week/month); 4 rules can be
Illumination	Distance	Up to 50 m (164.04 ft) (IR)						
Illuminator (On/Off Control	Auto; Manua	I				Heat Map	Yes
Illuminator Number Angle Adjustment		2 (IR LED) Pan: 0°-355° Tilt: 0°-80°						Motor vehicle, non-motor vehicle, face, human body detection; track; snapshot; snapshot optimization; optimal face snapshot upload. Motor vehicle attributes: vehicle type, vehicle color, vehicle logo and other attributes: seatbelt, smoking,
Long		Rotation: 0°–	355°				Video Metadata	calling. Non-motor vehicle attributes: type, color, number of
Lens Type		Fixed-focal						people, top type and color, hat. Human body attributes: gender, top/bottom type and color, bag, hat and umbrella.
Lens Mount		M12						Face attributes: gender, age, expressions, glasses, face mask and beard.
Focal Length		2.8 mm; 3.6 mm; 6 mm					Smart Search	Work together with Smart NVR to perform refine intelligent search, event extraction and merging to even videos
Max. Apertu	ii e	F1.6					Smart Sound Detection	Yes
Field of View		2.8 mm: H: 111°; V: 58°; D: 132° 3.6 mm: H: 92°; V: 45°; D: 110° 6 mm: H: 57°; V: 30°; D: 65°					Video	
Iris Control		Fixed					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+
Close Focus	Distance	2.8 mm: 1.1 m (3.06 ft) 3.6 mm: 1.7 m (5.58 ft) 6 mm: 3.2 m (10.50 ft)					Al Coding	AI H.265; AI H.264
	Lens 2.8 mm	Detect 63.6 m	Observe	Recognize	Identify 6.4 m		Video Frame Rate	Main stream: 2960 × 1668@(1–25/30 fps) Sub stream: D@(1–25/30 fps) Third stream: 1080p@(1–25/30 fps) Fourth stream: 720p@(1–25/30 fps)
DORI Distance	3.6 mm	(208.66 ft) 85.4 m (280.18 ft)	(83.33 ft) 34.2 m (112.20 ft)	(41.67 ft) 17.1 m (56.10 ft)	(21.00 ft) 8.5 m (27.89 ft)		*The values above are the max. frame rates of each stream; for multiple streams, the values will be subjecte to the total encoding capacity.	
	6 mm	124.0 m	49.6 m	24.8 m	12.4 m		Stream Capability	4 streams
	*DORI (Dete (EN-62676-4 video to dist) for defining inguish perso	(162.73 ft) secognize, Idea the ability of a ns or objects v ot reflect inte	a person view within a cover	ing the ed area. The		Resolution	5M (2960 × 1668/2880 × 1620); 4M (2688 × 1520); 3.6N (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)
	_		tances, refer oject design t		and		Bit Rate Control	CBR/VBR
Intelligence							Video Bit Rate	H.264: 32 kbps–16384 kbps H.265: 12 kbps–11776 kbps
IVS (Perimeter Protection)		Intrusion, tripwire, fast moving (the three functions support the classification and accurate detection					Day/Night	Auto(ICR)/Color/B/W
		of vehicle and human); loitering detection, people gathering, and parking detection					BLC	Yes
								V

Smart abandoned object; smart missing object

HLC

number error detection; queue people number alarm; queue time alarm; security exception Network Network Port RJ-45 (10/100 Enhancement Base-T) SDK and API Yes		
White Balance Auto; natural; street lamp; outdoor; manual; regional custom Gain Control Auto Noise Reduction Auto OFF/ON (4 areas, rectangular) Region of Interest (Rol) Yes (4 areas) Smart Illumination Yes Defog Yes Image Rotation O'990'180'/270" (Support 90'/270" with 4M (2688 × 1520) resolution and lower) Mirror Yes Privacy Masking 8 areas LDC Yes (only 2.8mm/3.6mm supports) Audio Built-in MIC Yes Audio Compression Alarm No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; yielde tampering; tripwire; intrusion; fast moving; abandoned object, missing object, loitering detection; people gathering; parking detection; seen changing; audio detection; video metadata; SMD; people counting in area; stay detection; people counting; people number alarm; queue time alarm; security exception Network Network Port SDK and API Yes Interoperability ONVIF (Profile S/Profile G/Profile T); CGI User/Host Prover User/Host Ves Weshard Wallesat; ICMP; IGMP; NFS; SAMBA; PPPDE; SNMP; P2P Interoperability ONVIF (Profile S/Profile G/Profile T); CGI User/Host Source: A sample of the company of the counting	WDR	120 dB
Gain Control Auto Noise Reduction John 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 4M (2688 x 15:20) resolution and lower) Mirror Yes Privacy Masking B areas LDC Yes (only 2.8mm/3.6mm supports) Audio Built-in MIC Audio Compression G.711a; G.711Mu; PCM; 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, lottering detection; people gathering; parking detection; scene changing; audio detection; voltage detection; external alarm; face detection; video teatedata; SMD; people counting in area; stay detection; people counting; people unarber are detection; video teatedata; SMD; people counting in area; stay detection; people counting; people unarber are detection; video teatedata; SMD; people counting in area; stay detection; people counting; people unarber are detection; video teatedata; SMD; people counting in area; stay detection; people counting; people unarber are detection; video teatedata; SMD; people counting in area; stay detection; people counting; people unarber area; detection; people counting; people unarber area; detection; video teatedata; SMD; people counting; people unarber area; detection; video teatedata; SMD; people counting; people unarber area; detection; video teatedata; SMD; people counting; people unarber area; detection; video teatedata; SMD; people counting; people unarber area; detection; video teatedata; SMD; people counting; people unarber area; detection; video teatedata; detection; video teatedata; detection; people counting; people unarber area; detection; video teatedata; detecti	•	Yes
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Region of Interest (RoI) Smart Illumination Yes Defog Yes Image Rotation O'/90"/180"/270" (Support 90"/270" with 4M (2688 × 1520) resolution and lower) Mirror Yes Privacy Masking B areas LDC Yes (only 2.8mm/3.6mm supports) Audio Built-in MIC 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; loitering detection; people gathering; parking detection; scene changing; audio detection, voltage detection; scene changing; audio detection, you gue people number alarm; queue time alarm; security exception Network Network Port RJ-45 (10/100 Enhancement Base-T) SDK and API Yes Network Protocol IPV4; IPV6; HTTP; TCP; UDP; ARP; RTP, RTSP; RTCP; RTMP; Multicast; ICMP; IGMP; NFS; SAMBA; PPPOE; SNMP; P2P Interoperability ONVIF (Profile S/Profile G/Profile T); CGI User/Host Storage FTP; SFTP; Micro SD card (support max. 512 GB); NAS IE: IE 9 and later Chrome: Chrome 102 and later Firefox: Firefox 88 and later Management Software Mobile Client Configuration encryption; trusted execution; Digest; security logs; WSSE; account lockout; syslog; video encryption; generation	Noise Reduction	3D NR
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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; vidage detection; external alarm; face detection; video metadata; SMD; people counting in area; stay detection; people counting; people number error detection; queue people number alarm; queue time alarm; security exception Network Network Port RJ-45 (10/100 Enhancement Base-T) SDK and API Yes 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; P2P Interoperability ONVIF (Profile S/Profile G/Profile T); CGI User/Host 20 (Total bandwidth: 80 M) Storage FTP; SFTP; Micro SD card (support max. 512 GB); NAS IE: IE 9 and later Chrome: Chrome 102 and later Firefox: Firefox 88 and later Management Software Mobile Client iOS; Android Configuration encryption; trusted execution; Digest; security logs; WSSE; account lockout; syslog; video encryption; 802.1x; IP/MAC filtering; HTTPS; trusted upgrade; trusted boot; firmware encryption; generation	Audio	
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; voltage detection; scene changing; audio detection; people counting; people counting in area; stay detection; people counting; people number error detection; queue people number alarm; queue time alarm; security exception Network Network Port RJ-45 (10/100 Enhancement Base-T) SDK and API Yes 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; P2P Interoperability ONVIF (Profile S/Profile G/Profile T); CGI User/Host 20 (Total bandwidth: 80 M) Storage FTP; SFTP; Micro SD card (support max. 512 GB); NAS IE: IE 9 and later Chrome: Chrome 102 and later Firefox: Firefox 88 and later Management Software SmartPSS Lite; DSS; DMSS Mobile Client iOS; Android Configuration encryption; trusted execution; Digest; security logs; WSSE; account lockout; syslog; video encryption; 802.1x; IP/MAC filtering; HTTPS; trusted upgrade; trusted boot; firmware encryption; generation	Built-in MIC	Yes
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; voltage detection; external alarm; face detection; video metadata; SMD; people counting in area; stay detection; people counting; people number error detection; queue people number alarm; queue time alarm; security exception Network Network Port RJ-45 (10/100 Enhancement Base-T) SDK and API Yes 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; P2P Interoperability ONVIF (Profile S/Profile G/Profile T); CGI User/Host 20 (Total bandwidth: 80 M) Storage FTP; SFTP; Micro SD card (support max. 512 GB); NAS IE: IE 9 and later Chrome: Chrome 102 and later Firefox: Firefox 88 and later Management Software SmartPSS Lite; DSS; DMSS Mobile Client iOS; Android Configuration encryption; trusted execution; Digest; security logs; WSSE; account lockout; syslog; video encryption; 802.1x; IP/MAC filtering; HTTPS; trusted upgrade; trusted boot; firmware encryption; generation	Audio Compression	G.711a; G.711Mu; PCM; 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; voltage detection; external alarm; face detection; video metadata; SMD; people counting in area; stay detection; people number alarm; queue time alarm; security exception Network Network Port RJ-45 (10/100 Enhancement Base-T) SDK and API Yes 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; P2P Interoperability ONVIF (Profile S/Profile G/Profile T); CGI User/Host 20 (Total bandwidth: 80 M) Storage FTP; SFTP; Micro SD card (support max. 512 GB); NAS IE: IE 9 and later Chrome: Chrome 102 and later Firefox: Firefox 88 and later Management Software SmartPSS Lite; DSS; DMSS Mobile Client Configuration encryption; trusted execution; Digest; security logs; WSSE; account lockout; syslog; video encryption; 802.1x; IP/MAC filtering; HTTPS; trusted upgrade; trusted boot; firmware encryption; generation	Alarm	
Network Port RJ-45 (10/100 Enhancement 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; P2P Interoperability ONVIF (Profile S/Profile G/Profile T); CGI User/Host 20 (Total bandwidth: 80 M) Storage FTP; SFTP; Micro SD card (support max. 512 GB); NAS Browser IE: IE 9 and later Chrome 102 and later Firefox: Firefox 88 and later Management Software SmartPSS Lite; DSS; DMSS Mobile Client iOS; Android Cyber Security Configuration encryption; trusted execution; Digest; security logs; WSSE; account lockout; syslog; video encryption; 802.1x; IP/MAC filtering; HTTPS; trusted upgrade; trusted boot; firmware encryption; generation	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; voltage detection; external alarm; face detection; video metadata; SMD; people counting in area; stay detection; people counting; people number error detection; queue people number alarm;
SDK and API Yes 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; P2P Interoperability ONVIF (Profile S/Profile G/Profile T); CGI User/Host 20 (Total bandwidth: 80 M) Storage FTP; SFTP; Micro SD card (support max. 512 GB); NAS IE: IE 9 and later Chrome: Chrome 102 and later Firefox: Firefox 88 and later Management Software SmartPSS Lite; DSS; DMSS Mobile Client iOS; Android Configuration encryption; trusted execution; Digest; security logs; WSSE; account lockout; syslog; video encryption; 802.1x; IP/MAC filtering; HTTPS; trusted upgrade; trusted boot; firmware encryption; generation	Network	
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; P2P Interoperability ONVIF (Profile S/Profile G/Profile T); CGI User/Host 20 (Total bandwidth: 80 M) Storage FTP; SFTP; Micro SD card (support max. 512 GB); NAS IE: IE 9 and later Chrome: Chrome 102 and later Firefox: Firefox 88 and later Management Software SmartPSS Lite; DSS; DMSS Mobile Client iOS; Android Configuration encryption; trusted execution; Digest; security logs; WSSE; account lockout; syslog; video encryption; 802.1x; IP/MAC filtering; HTTPS; trusted upgrade; trusted boot; firmware encryption; generation	Network Port	RJ-45 (10/100 Enhancement Base-T)
Network Protocol SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; SAMBA; PPPoE; SNMP; P2P Interoperability ONVIF (Profile S/Profile G/Profile T); CGI User/Host 20 (Total bandwidth: 80 M) Storage FTP; SFTP; Micro SD card (support max. 512 GB); NAS IE: IE 9 and later Chrome: Chrome 102 and later Firefox: Firefox 88 and later Management Software SmartPSS Lite; DSS; DMSS Mobile Client iOS; Android Configuration encryption; trusted execution; Digest; security logs; WSSE; account lockout; syslog; video encryption; 802.1x; IP/MAC filtering; HTTPS; trusted upgrade; trusted boot; firmware encryption; generation	SDK and API	Yes
User/Host 20 (Total bandwidth: 80 M) Storage FTP; SFTP; Micro SD card (support max. 512 GB); NAS IE: IE 9 and later Chrome: Chrome 102 and later Firefox: Firefox 88 and later Management Software SmartPSS Lite; DSS; DMSS Mobile Client iOS; Android Configuration encryption; trusted execution; Digest; security logs; WSSE; account lockout; syslog; video encryption; 802.1x; IP/MAC filtering; HTTPS; trusted upgrade; trusted boot; firmware encryption; generation	Network Protocol	
Storage FTP; SFTP; Micro SD card (support max. 512 GB); NAS IE: IE 9 and later Chrome: Chrome 102 and later Firefox: Firefox 88 and later Management Software SmartPSS Lite; DSS; DMSS Mobile Client iOS; Android Configuration encryption; trusted execution; Digest; security logs; WSSE; account lockout; syslog; video encryption; 802.1x; IP/MAC filtering; HTTPS; trusted upgrade; trusted boot; firmware encryption; generation	Interoperability	ONVIF (Profile S/Profile G/Profile T); CGI
Browser IE: IE 9 and later Chrome: Chrome 102 and later Firefox: Firefox 88 and later Management Software SmartPSS Lite; DSS; DMSS Mobile Client iOS; Android Configuration encryption; trusted execution; Digest; security logs; WSSE; account lockout; syslog; video encryption; 802.1x; IP/MAC filtering; HTTPS; trusted upgrade; trusted boot; firmware encryption; generation	User/Host	20 (Total bandwidth: 80 M)
Browser Chrome: Chrome 102 and later Firefox: Firefox 88 and later Management Software SmartPSS Lite; DSS; DMSS Mobile Client iOS; Android Configuration encryption; trusted execution; Digest; security logs; WSSE; account lockout; syslog; video encryption; 802.1x; IP/MAC filtering; HTTPS; trusted upgrade; trusted boot; firmware encryption; generation	Storage	FTP; SFTP; Micro SD card (support max. 512 GB); NAS
Mobile Client Configuration encryption; trusted execution; Digest; security logs; WSSE; account lockout; syslog; video encryption; 802.1x; IP/MAC filtering; HTTPS; trusted upgrade; trusted boot; firmware encryption; generation	Browser	Chrome: Chrome 102 and later
Configuration encryption; trusted execution; Digest; security logs; WSSE; account lockout; syslog; video encryption; 802.1x; IP/MAC filtering; HTTPS; trusted upgrade; trusted boot; firmware encryption; generation	Management Software	SmartPSS Lite; DSS; DMSS
security logs; WSSE; account lockout; syslog; video Cyber Security encryption; 802.1x; IP/MAC filtering; HTTPS; trusted upgrade; trusted boot; firmware encryption; generation	Mobile Client	iOS; Android
	Cyber Security	security logs; WSSE; account lockout; syslog; video encryption; 802.1x; IP/MAC filtering; HTTPS; trusted upgrade; trusted boot; firmware encryption; generation

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				
Port					
Audio Input	1 channel (RCA port)				
Audio Output	1 channel (RCA port)				
Alarm Input	1 channel in: wet contact, 5 mA 3V–5 VDC				
Alarm Output	1 channel out: wet contact, 300mA 12V DC				
Power					
Power Supply	12 VDC/PoE (802.3af)/ePoE				
Dual Power Backup	When the power adapter and PoE provide power at the same time, disconnect one of them. The device will continue to work, but will not restart.				
Power Consumption	Basic: 4.1 W (12 VDC); 5.2 W (PoE) Max. (H.265+ WDR+ Intelligence on+IR on): 6.8 W (12 VDC); 8.8 W (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	10%–95% (RH), non-condensing				
Protection	IP67; IK10				
Structure					
Casing Material	Metal				

Ordering Information						
Туре	Model	Description				
5MP	DH-IPC-HDBW5541R-ASE	5MP IR Fixed-focal Dome WizMind Network Camera				
Camera	IPC-HDBW5541R-ASE	5MP IR Fixed-focal Dome WizMind Network Camera				
	PFA137	Junction Box				
	PFB206W	Wall Mount Bracket				
	PFA109	Mount adapter				
Accessories	PFB220C	Ceiling Mount Bracket				
(Optional)	PFA156	Pole Mount Bracket				
	PFM321D	12 VDC 1 A Power Adapter				
	PFM900-E	Integrated Mount Tester				
	TF-P100	MicroSD Memory Card				

94.0 mm × Φ122.0 mm (3.70"× Φ4.80")

712.9 g (1.57 lb)

986 g (2.17 lb)

Product Dimensions

Net Weight

Gross Weight

Accessories

Optional:



PFA137 Junction Mount



PFB220C Ceiling Mount Bracket



PFA156 Pole Mount Bracket

PFB206W

Wall Mount

Bracket



PFA109 Mount adapter



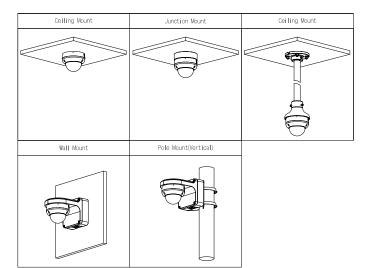
PFM321D 12 VDC 1 A Power Adapter



PFM900-E Integrated Mount Tester



TF-P100 MicroSD Memory Card



Dimensions (mm[inch])

