

DH-IPC-HDBW7442E1-Z-X

4MP IR 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 X Series network camera supports various intelligent functions, meeting the requirements of a wide variety of scenes. The camera can accurately recognize people, motor vehicles and non-motor vehicles. It also supports face recognition, PPE detection, smart sound detection, Privacy protection, ANPR, and parking space management. 2 intelligent functions can be enabled at the same time. The camera adopts advanced image processing AI-Powered Image technology, has a High frame rate and the Deep light night vision effect, and works with ultra-low streams. It is also 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.

Time-Division Exposure

Time-Division Exposure technology ensures that when the device is taking multiple snapshots of more than one targets, the quality of the snapshots will not be affected. It can also be used to adjust the brightness, speed and more of targets, to produce high quality snapshots. It is widely used in scenes that have pedestrians and vehicles, and captures clear images of faces and license plates.

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. The camera can count targets by directions (A>B, B>A, or A<>B), and export the report.

- 4-MP 1/1.8" CMOS image sensor, low luminance, and high definition image.
- Outputs max. 4 MP (2688 × 1520)@50/60 fps.
- Built-in IR LED, and the max. Illumination distance is 40 m.
- Time-Division Exposure technology ensures that when the device is taking multiple snapshots of more than one targets, the quality of the snapshots will not be affected. It can also be used to adjust the brightness, speed and more of targets, to produce high quality snapshots.
- ROI, flexible coding, applicable to various bandwidth and storage environments.
- Two intelligent functions can be enabled at the same time, such as face recognition+people counting, face detection+people counting and PPE Detection+IVS.
- With deep learning algorithm, it supports: face recognition, face detection, IVS, people counting, video metadata, PPE Detection, parking space management and ANPR, etc.
- Privacy Protection: Mosaics can be automatically placed over the face or body of a person to protect their privacy.
- Built-in Hi-Fi large-diameter speaker covers an auditory range of 20 meters.
- Sound Management: With its built-in dual MICs and Dahua noise reduction algorithms, the camera supports the sound management function, using it to collect vocals, adaptively reduce noise, and filter non-human voices.
- Alarm: 3 in, 2 out; audio: 1 in, 1 out; RS-485; BNC; supports max. 512 G Micro SD card.
- Built-in dual MICs; 1-ch speaker; support two-way talk.
- 12 VDC/24VAC/PoE+ (802.3at)/ePoE power supply, 12 VDC power output, and max. Current 165 mA and peak current is 700 mA, easy for installation.
- IP67 and IK10 protection, Anti-Corrosion coating (optional).



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. DH-IPC-HDBW7442E1-Z-X

Parking Space Management

With Parking Space Management, the camera can count the number of parked vehicles and parking spaces available in open parking lots and planned parking lots. It can extract and display the status of parking spaces, so as to facilitate the management of parking spaces and improve parking efficiency.

Privacy Protection

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Dahua Privacy Protection technology can mask the detected face and Human body to protect the privacy of some special targets.

ANPR

With high-performance GPU chip, deep learning algorithm, and lots of sample training learning, Dahua ANPR technology can automatically collect and recognize the vehicle information, including license plate, logo, vehicle type, and vehicle color.

PPE Detection

With the PPE Detection function, the camera can detect attributes including work wear, hat, face mask, apron, gloves, shoe covers, boots, seatbelt, safety vest, and determine whether PPE requirements are met. Match attributes alarm or mismatch attributes alarm can be triggered according to the alarm settings.

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.

Technical Specification

Camera

Image Sensor	1/1.8" CMOS
Max. Resolution	2688 (H) × 1520 (V)
ROM	8 GB
RAM	4 GB
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3 s-1/100,000 s
Min. Illumination	0.0005 lux@F1.2 (Color, 30 IRE) 0.0002 lux@F1.2 (B/W, 30 IRE) 0 lux (Illuminator on)
S/N Ratio	>52 dB
Illumination Distance	40 m (131.23 ft) (IR)
Illuminator On/Off Control	Auto (Blue glass module)
Illuminator Number	3 (IR LED)
Angle Adjustment	Pan: 0-355° Tilt:0-90° Rotation: 0-355°

Lens					
Lens Type		Motorized vari-focal			
Lens Mount		ф16			
Focal Length		2.7 mm–12 r	nm		
Max. Aperture		F1.2			
Field of View	,	H: 114.7°-48	°; V: 59.5°–27°;	D: 144°–56°	
Iris Control		Auto			
Iris Control Type		P-Iris			
Close Focus	Distance	1.8 m (5.91 f	t)		
	Lens	Detect	Observe	Recognize	Identify
DORI Distance	W	60.9 m (198.16 ft)	24.2 m (79.39 ft)	12.1 m (39.70 ft)	6.0 m (19.69 ft)
	т	149.7 m (422.24 ft)	59.5 m (168.96 ft)	29.7 m (84.32 ft)	14.9 m (42.32 ft)
Smart Eve	nt				
IVS		Abandoned object; missing object			
Intelligenc	e				
IVS (Perimeter Protection)		Intrusion, tripwire, fast moving, region entrance, region exiting (the three functions support the classification and accurate detection of vehicle and human); loitering detection, people gathering, and parking detection, privacy protection			
Face Detection		Face detection up to 60 Face; track; snapshot; snapshot optimization; optimal face snapshot upload; face enhancement; face exposure; face attributes extraction including 6 attributes and 8 expressions; face snapshot set as face or one-inch photo; snapshot strategies (real- time snapshot, quality priority and optimization snapshot); face angle filter; optimization time setting; privacy protection			
Face Recognition		There are two modes: General mode and counting Mode. General mode: Face detection; snapshot; snapshot optimization; optimal face snapshot upload; face enhancement; face exposure; face attributes extraction including 6 attributes and 8 expressions; face snapshot set as face or one inch photo; snapshot strategies (recognition priority and optimization snapshot); face angle filter; optimization time setting; Privacy protection. Supports adding 5 group face databases; registering person one by one or in batches; setting face similarity; and supports face comparison with the face database containing up to 200,000 face pictures. Counting mode: Offers advanced customer counter, filters out specified faces from the face database, and exports reports both before and after removing duplicate faces.			
PPE Detection or do (wor cove		or does not n (work wear, h	Triggers alarms when the detected object matches or does not match all of the configured attributes (work wear, hat, face mask, apron, gloves, shoe covers, boots, seatbelt, safety vest); privacy protection		
People Coun	Tripwire people counting and people counting in area generating and exporting report (day/month/year); queue management, generating and exporting report (day/month); 4 rules can be set for tripwire, people counting in area and queue management; privacy protection		th/year); ting report e, people		
Heat Map		High accuracy, based on people counting. Supports two- dimensional analysis – number of people and average strand time.			

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Parking Space ManagementParking Space Management: Manage outdoor and planned parking lots; manage parking spaces in multiple area; display the total number of vehicles.Wideo MetadataMotor vehicle, non-motor vehicle, face, and human body detection; snapshot;	ANPR	ANPR: ANPR, track, priority, snapshot. Vehicle attributes: License plate, vehicle type, vehicle color. Other attributes: Seat belt, smoking, calling. Suppor up to 10,000 blocklist records and 10,000 allowlist records. The camera can recognize plate numbers of vehicles moving at speeds of up to 60km/h.
detection; snapshot optimization; optimal face snapshot upload. Motor whicle attributes: License plate, whicle type, vehicle color, vehicle logo, seatbelt, smoking, and calling. Generates flow statistics for people, motor vehicles and non-motor vehicles based on the direction, and exports reports. Non-motor vehicles based on the direction, and exports reports. Non-motor vehicle based on the direction, and exports reports. Non-motor vehicles and unbrella. privacy protectionSmart SearchWork together with Smart NVR to perform refine intelligent search, event extraction and merging to event videosVideo CompressionH.265; H.264; H.264H; H.264B; MJPEGSmart CodecSmart H.265+; Smart H.264+Smart CodecSmart H.265+; Smart H.264Video Frame RateMain Stream: 1920 × 10800(1-25/30 fps) Fourth stream: 1920 × 10800(1-25/30 fps) 		planned parking lots; manage parking spaces in multiple areas; display the total number of parking spaces and parking spaces that are available; trigger alarms based
Smart Searchintelligent search, event extraction and merging to event videosVideoVideoVideo CompressionH.265; H.264; H.264H; H.264B; MJPEGSmart CodecSmart H.265+; Smart H.264+Wideo Frame RateMain Stream: 2688 × 1520@(1-52/30 fps) Sub stream: 1920 × 1080@(1-25/30 fps) Fifth stream: 1920 × 1080@(1-25/30 fps) 	Video Metadata	detection; snapshot; snapshot optimization; optimal face snapshot upload. Motor vehicle attributes: License plate, vehicle type, vehicle color, vehicle logo, seatbelt, smoking, and calling. Generates flow statistics for people, motor vehicles and non-motor vehicles based on the direction, and exports reports. Non-motor vehicle attributes: Type, vehicle color, Number of people, top type and color, and hat. Human body attributes: Top and bottom type and color, Bag, hat, gender and umbrella.
VideoVideo CompressionH.265; H.264; H.264H; H.264B; MJPEGSmart CodecSmart H.265+; Smart H.264+Main Stream: 2688 × 1520@(1-25/30 fps) Sub stream: 1920×1080@(1-25/30 fps) Fourth stream: 1920 × 1080@(1-25/30 fps) Fourth stream: 1920 × 1080@(1-25/30 fps) Fourth stream: 1920×1080@(1-25/30 fps) Fourth stream: 704 × 576@(1-25 fps)/704 × 480@(1-30 fps)Stream Capability5 streamsResolution4M (2688 × 1520); 3M (2048 × 1536); 3M (2304 × 1296) 1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1(704 × 576/704 × 480); CIF(352 × 288/352×240)Bit Rate ControlCBR/VBRVideo Bit RateH.264: 32 kbps-10240 kbps; H.264: 12 kbps-10240 kbpsDay/NightAuto(ICR)/Color/B/WBLCYesHLCYesWDR140 dBScene Self-adaptation (SSA)YesWhite BalanceAuto; natural; street lamp; outdoor; manual; regional customGain ControlAutoNoise Reduction3D NRMotion DetectionOFF/ON (4 areas, rectangular)Region of Interest (Rol)Yes (4 areas)Image Stabilization Electronic Image Stabilization (EIS)Smart IlluminationYes	Smart Search	intelligent search, event extraction and merging to event
In 200, In 204, In 204	Video	
Video Frame RateMain Stream: 2688 × 1520@(1-50/60 fps) Sub stream: 1920 × 1080@(1-25/30 fps) Fourth stream: 1920 × 1080@(1-25/30 fps) Furth stream: 1920 × 1080@(1-25/20 fps) Furth stream: 1020 × 1080@(1-25/20 fps) Furth stream: 1020 × 1080@(1-25/20 fps) Furth stream: 1020 × 1080@(1-25/20 fps) Furth stream: 1920 × 1080@(Video Compression	H.265; H.264; H.264H; H.264B; MJPEG
Video Frame RateSub stream: 1920×1080@(1-25/30 fps) Fourth stream: 1920×1080@(1-25/30 fps) Fifth stream: 1920×1080@(1-25/30 fps) Fifth stream: 1920×1080@(1-25/30 fps) Fifth stream: 1920×1080@(1-25/30 fps) Fifth stream: 704×576@(1-25 fps)/704×480@(1-30 fps)Stream Capability5 streamsResolution4M (2688 × 1520); 3M (2048 × 1536); 3M (2304 × 1296) 1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1(704 × 576/704 × 480); CIF(352 × 288/352×240)Bit Rate ControlCBR/VBRVideo Bit RateH.264: 32 kbps-10240 kbps; H.264: 12 kbps-10240 kbpsDay/NightAuto(ICR)/Color/B/WBLCYesHLCYesWDR140 dBScene Self-adaptation (SSA)YesWhite BalanceAuto; natural; street lamp; outdoor; manual; regional customGain ControlAutoNoise ReductionOFF/ON (4 areas, rectangular)Region of Interest (Rol)Yes (4 areas)Image Stabilization Smart IlluminationYes	Smart Codec	Smart H.265+; Smart H.264+
Resolution4M (2688 × 1520); 3M (2048 × 1536); 3M (2304 × 1296) 1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1(704 × 576/704 × 480); CIF(352 × 288/352×240)Bit Rate ControlCBR/VBRVideo Bit RateH.264: 32 kbps-10240 kbps; H.264: 12 kbps-10240 kbpsDay/NightAuto(ICR)/Color/B/WBLCYesHLCYesWDR140 dBScene Self-adaptation (SSA)YesWhite BalanceAuto; natural; street lamp; outdoor; manual; regional customGain ControlAutoNoise ReductionOFF/ON (4 areas, rectangular)Region of Interest (Rol)Yes (4 areas)Image StabilizationYes	Video Frame Rate	Sub stream: 1920×1080@(1–25/30 fps) Third stream: 1920 × 1080@(1–25/30 fps) Fourth stream: 1920 × 1080@(1–25/30 fps) Fifth stream: 704 × 576@(1–25 fps)/704 × 480@(1–30
Resolution1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1(704 × 576/704 × 480); CIF(352 × 288/352×240)Bit Rate ControlCBR/VBRVideo Bit RateH.264: 32 kbps-10240 kbps; H.264: 12 kbps-10240 kbpsDay/NightAuto(ICR)/Color/B/WBLCYesHLCYesWDR140 dBScene Self-adaptation (SSA)YesWhite BalanceAuto; natural; street lamp; outdoor; manual; regional customGain ControlAutoNoise Reduction3D NRMotion DetectionOFF/ON (4 areas, rectangular)Region of Interest (Rol)Yes (4 areas)Image StabilizationYes	Stream Capability	5 streams
Video Bit RateH.264: 32 kbps-10240 kbps; H.264: 12 kbps-10240 kbpsDay/NightAuto(ICR)/Color/B/WBLCYesHLCYesWDR140 dBScene Self-adaptation (SSA)YesWhite BalanceAuto; natural; street lamp; outdoor; manual; regional customGain ControlAutoNoise ReductionOFF/ON (4 areas, rectangular)Region of Interest (Rol)Yes (4 areas)Image StabilizationYesSmart IlluminationYes	Resolution	1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1(704 × 576/704 × 480); CIF(352 ×
kbpsDay/NightAuto(ICR)/Color/B/WBLCYesHLCYesVDR140 dBScene Self-adaptation (SSA)YesWhite BalanceAuto; natural; street lamp; outdoor; manual; regional customGain ControlAutoNoise ReductionOFF/ON (4 areas, rectangular)Motion DetectionOFF/ON (4 areas)Image StabilizationYesSmart IlluminationYes	Bit Rate Control	CBR/VBR
BLCYesHLCYesWDR140 dBScene Self-adaptation (SSA)YesWhite BalanceAuto; natural; street lamp; outdoor; manual; regional customGain ControlAutoNoise Reduction3D NRMotion DetectionOFF/ON (4 areas, rectangular)Region of Interest (Rol)Yes (4 areas)Image StabilizationElectronic Image Stabilization (EIS)Smart IlluminationYes	Video Bit Rate	
HLCYesWDR140 dBScene Self-adaptation (SSA)YesWhite BalanceAuto; natural; street lamp; outdoor; manual; regional customGain ControlAutoNoise Reduction3D NRMotion DetectionOFF/ON (4 areas, rectangular)Region of Interest (Rol)Yes (4 areas)Image StabilizationElectronic Image Stabilization (EIS)Smart IlluminationYes	Day/Night	Auto(ICR)/Color/B/W
WDR140 dBScene Self-adaptation (SSA)YesWhite BalanceAuto; natural; street lamp; outdoor; manual; regional customGain ControlAutoNoise Reduction3D NRMotion DetectionOFF/ON (4 areas, rectangular)Region of Interest (Rol)Yes (4 areas)Image StabilizationElectronic Image Stabilization (EIS)Smart IlluminationYes	BLC	Yes
Scene Self-adaptation (SSA)YesWhite BalanceAuto; natural; street lamp; outdoor; manual; regional customGain ControlAutoNoise Reduction3D NRMotion DetectionOFF/ON (4 areas, rectangular)Region of Interest (Rol)Yes (4 areas)Image StabilizationElectronic Image Stabilization (EIS)Smart IlluminationYes	HLC	Yes
YesWhite BalanceAuto; natural; street lamp; outdoor; manual; regional customGain ControlAutoNoise Reduction3D NRMotion DetectionOFF/ON (4 areas, rectangular)Region of Interest (Rol)Yes (4 areas)Image StabilizationElectronic Image Stabilization (EIS)Smart IlluminationYes	WDR	140 dB
White Balance custom Gain Control Auto Noise Reduction 3D NR Motion Detection OFF/ON (4 areas, rectangular) Region of Interest (Rol) Yes (4 areas) Image Stabilization Electronic Image Stabilization (EIS) Smart Illumination Yes		Yes
Noise Reduction3D NRMotion DetectionOFF/ON (4 areas, rectangular)Region of Interest (Rol)Yes (4 areas)Image StabilizationElectronic Image Stabilization (EIS)Smart IlluminationYes	White Balance	
Motion Detection OFF/ON (4 areas, rectangular) Region of Interest (Rol) Yes (4 areas) Image Stabilization Electronic Image Stabilization (EIS) Smart Illumination Yes	Gain Control	Auto
Region of Interest (Rol) Yes (4 areas) Image Stabilization Electronic Image Stabilization (EIS) Smart Illumination Yes	Noise Reduction	3D NR
Image Stabilization Electronic Image Stabilization (EIS) Smart Illumination Yes	Motion Detection	OFF/ON (4 areas, rectangular)
Smart Illumination Yes	Region of Interest (Rol)	Yes (4 areas)
	Image Stabilization	Electronic Image Stabilization (EIS)
Defog Yes	Smart Illumination	Yes
	Defog	Yes

Image Rotation	0°/90°/180°/270° (Support 90°/270° with 2688 × 1520
	resolution and lower)
Mirror	Yes
Privacy Mask	Polygon region, Mosaic mask, Mask color configurable.
Time-Division Exposure	Yes
Image Parameters Switch	Yes
Image Settings	Saturation, Brightness, Contrast, Sharpness.
Picture Overlay	Logo images can be overlaid on videos
Audio	
Audio Compression	PCM; G.711alaw; G.711Mu; G.726; MPEG2-Layer2; G722.1;G729; G723; MP2L2, AAC
Audio Bit rate	32 kbps, 40 kbps, 48 kbps, 56 kbps, 64 kbps, 80 kbps, 96kbps, 112 kbps, 128kbps, 144 kbps, 160 kbps, 192 kbps
Audio Sampling Rate	16 kHz, 32 kHz, 48 kHz, PCM: 8 kHz, 16 kHz, 32 kHz, 48kHz
Noise Filtering	Yes
Alarm	
Alarm Linkage	Upload to FTP/NAS/memory card, Event Synchronized with center Server, send email, trigger alarm output, trigger recording, trigger capture, audible warning, external alarm.
Multi-target-type Detection	Two intelligent functions can be enabled at the same time, such as face recognition + people counting, face detection +people counting and PPE Detection+ IVS. Face attributes extraction including 6 attributes and 8 expressions; Vehicle attributes: License plate, vehicle type, vehicle color.
Alarm Event	No SD card; SD card full; SD card error; network disconnect; IP conflict; abnormal reboot; video quality diagnosis; illegal access; motion detection; video tampering tripwire; intrusion; region entrance and region exiting detection; fast moving; abandoned object; missing object; loitering detection; people gathering; parking detection; parking space management ; scene changing; audio detection; defocus detection; external alarm; face detection; face recognition; video metadata; ANPR; people counting in area; stay alarm; people counting; people number error detection.
Network	
Network Port	RJ-45 (10/100/1000 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; Auto Register.
Interoperability	ONVIF (Profile S/Profile G/Profile T); CGI
Simultaneous Live View	Up to 20 channels
User/Host	32 (Total bandwidth: 340 M)
Storage	FTP; Micro SD card (up to 1 TB); NAS (NFS, SMB/CIFS),
Browser	ANR with Video Content Analytics. IE 10 and later versions; Chrome 57 and later versions; Firefox 52 and later versions; iOS 10 and later versions
Management Software	Smart PSS Lite; DSS; DMSS
Mobile Client	iOS; Android

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Cyber Security	Video encryption; firmware encryption; configuration encryption; Digest; WSSE; account lockout; security logs IP/MAC filtering; generation and importing of X.509 certification; syslog; HTTPS; 802.1x; trusted boot; truste execution; trusted upgrade, HTTPS encryption.
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; UL 50E NEMA Type 4X
Port	
RS-485	1 (baud rate range:1200 bps-115200 bps)
Audio Input	1 channel (RCA port)
Audio Output	1 channel (RCA port)
Alarm Input	3 channels in: 5mA 3V–5V DC
Alarm Output	2 channels out: 1,000mA 30V DC/500mA 50V AC
Analog Output	1 channel (CVBS output: BNC)
Power	
Power Supply	12 VDC/24 VAC/PoE+ (802.3at)/ePoE
Power Consumption	Basic: 6.6 W (12 VDC); 9.3 W (24 VAC); 9.8 W (PoE) Max. (ICR switch + IR intensity): 18.7 W (12 VDC); 24.8 W (24 VAC); 25.2 W (PoE) Heating: 3 W (12 VDC); 4.6 W (24 VAC); 5.47 W (PoE)
Environment	
Operating Temperature	-30 °C to +65 °C (-22 °F to +149 °F)
Operating Humidity	≤95%
Storage Temperature	–40 °C to +65 °C (–40 °F to +149 °F)
Storage Humidity	10–95%
Protection	IP67; IK10; Anti-Corrosion Protection (optional)
Structure	
Casing Matorial	Matal

Metal

1.16 kg (2.56 lb)

1.36 kg (3.00 lb)

118.0 mm × Φ159.0 mm (4.65" × Φ6.26")

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Туре	Model	Description		
4MP Camera	DH-IPC-HDBW7442E1-Z-X	4MP IR Dome WizMind Network Camera		
	IPC-HDBW7442E1-Z-X	4MP IR Dome WizMind Network Camera		
	PFB211W	Wall Mount Bracket		
	PFA156	Pole Mount Bracket		
	PFA101	Mount Adapter		

Accessories

Ordering Information



Wall Mount Bracket

alhua 512on U/42 mgrs V30 TF-P100

MicroSD

Memory Card





PFA156 Pole mount Bracket





PFM320D

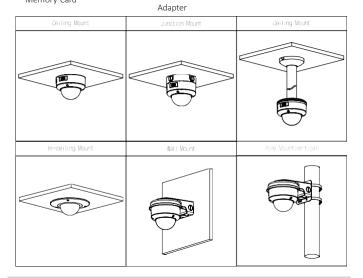
12 VDC 2A

Power

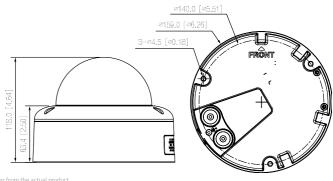
Mount Adapter



FM900-E Integrated Mount Tester



Dimensions (mm[inch])



Rev 002.000

Casing Material

Net Weight

Gross Weight

Product Dimensions

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