



# DH-SD6AL445GB-HNV-IR

4MP 45 Starlight IR NETWORK PTZ CAMERA





Launched by Dahua Technology, WizSense is a series of AI products and solutions that adopts 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.

#### **System Overview**

With its powerful optical zoom and accurate pan, tilt capabilities, the PTZ camera provides an all-in-one solution for long distance video surveillance of outdoor scenes. Together with infrared illumination and Starlight Technology, the camera is a great solution for dark, low light conditions. The series combines a day and night mechanical IR cut filter to produce high quality images in variable lighting conditions during the day, and True WDR for locations with direct sunlight and glare.

## **Functions**

### Wide Dynamic Range

The camera produces vivid images, even in high-contrast lighting conditions, by using industry-leading wide dynamic range (WDR) technology. For scenes that quickly alternate between bright and low lighting, WDR adjusts to fully capture both the bright and dark areas of a scene, producing superior quality videos.

- 1/2.8" 4Megapixel STARVIS™ CMOS.
- · 45x optical zoom.
- · Starlight technology.
- · Max. 25/30 fps@1080p.
- IR distance up to 300 m.
- · Auto tracking 3.0.
- · Perimeter protection.
- Face detection
- · Video Metadata.
- SMD 4.0.
- IP67.







#### **Face Detection**

Supports 6 attributes and 8 expressions: Gender, age, glasses, face mask, beard and expressions (anger, sadness, disgust, fear, surprise, calm, happiness, and confusion). It also supports face cutout settings: Face, and single inch photo. Three snapshot methods are also featured: Real-time snapshot, priority snapshot, and quality priority.

#### **Perimeter Protection**

Automatically filters out false alarms caused by animals, rustling leaves, bright lights, and more, and uses secondary recognition during target detection to improve alarm accuracy.

Technical Specification	on			
Camera				
mage Sensor	1/2.8" CMOS			
Pixel	4 MP			
Max. Resolution	2560 (H) × 14	40 (V)		
ROM	4 GB			
RAM	1 GB			
Electronic Shutter Speed	1 s-1/30,000	S		
Scanning System	Progressive			
Vin. Illumination	Color: 0.005 I B/W: 0.0005 I 0 lux (IR light o	ux@F1.6		
llumination Distance	300 m (984.2	5 ft)		
lluminator On/Off Control	Zoom prio; M	anual; Auto; O	ff	
lluminator Number	7 (IR)			
Viper	Wiper			
_ens				
ocal Length	3.95 mm-177.7 mm			
Max. Aperture	F1.6–F4.95			
ield of View	H: 63.2°-1.8°; V: 37.6°-1.1°; D: 70.8°-2.1°			
Optical Zoom	45x			
Focus Control	Auto; semi-auto; manual			
Close Focus Distance	0.1 m-1 m (0.33 ft-3.28 ft)			
ris Control	Auto; manual	; iris prio		
	Detect	Observe	Recognize	Identify
OORI Distance	3,555 m (11.663.39 ft)	1,404.2 m (4,606.96 ft)	711 m (2,332.68 ft)	355.5 m (1,166.34 ft)
PTZ	(11,000.00 11)	(1,000.5011)	(2,552.0011)	(1,100.5711)
Pan/Tilt Range	Pan: 0° to 360			
any michange	Tilt: –20° to +90°, auto flip 180°			
Manual Control Speed	Pan: 0.1°/s-200°/s Tilt: 0.1°/s-120°/s			
reset Speed	Pan: 240°/s; Tilt: 200°/s			
reset	300			
our	8 (up to 32 pr	esets per tour)		
Pattern	5			
Scan	5			
Power-off Memory	Yes			
dle Motion	Pattern; Prese	et; Scan; Tour		
PTZ Protocol	DH-SD	to recognition		

Pelco-P/D (Auto recognition)

Video Metadata         Motor vehicle, non-motor vehicle, face, and human body detection; optimization; capturing pictures; uploading high-quality face snapshots. Attribute extraction of motor vehicle is also supported, where 10 attributes can be detected.           IVS (Perimeter Protection)         Tripwire; intrusion; crossing fence detection; loitering detection; abandoned/missing object; fast moving; parking detection; abandoned/missing object; fast moving; parking detection; people gathering; human alarm classification, linkage tracking are image. Attribute Startal on its also supported, where 6 attributes and 8 expressions can be detected. Face cutout is also offered, where you can cutout one face at a time and customize the size to be a one-inch photo. The supported methods for capturing snapshots are real-time capturing, quality first, and selecting a preferred image among a group of snapshots.           Auto Tracking         Yes           SMD         SMD4.0           Quick Pick         Yes           Video Compression         H.264H; H.264B; Smart H.265+; H.264; H.265; MJPEG (Sub Stream); Smart H.264+           Streaming Capability         3 streams           Resolution         4M (2560 × 1440); 3M (2048 × 1536); 3M (2304 × 1296); 1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (700 × 750); D1	Intelligence	
detection; abandoned/missing object; fast moving; apaking detection; people gathering; human alarm classification; linkage tracking  Supports face detection, optimization, capturing pictures, uploading high-quality face snapshots and enhancing face images. Attribute Extraction is also supported, where of attributes and 8 expressions can be detected. Face cutout is also offered, where you can cutout one face at a time and customize the size to be a one-inch photo. The supported methods for capturing snapshots are real-time capturing, quality first, and selecting a preferred image among a group of snapshots.  Auto Tracking  Yes  SMD  SMD4.0  Quick Pick  Video  Video Compression  Kideo Streami; Smart H.264; H.265; MJPEG  Streaming Capability  3 streams  Resolution  All (2560 × 1440); 3M (2048 × 1536); 3M (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)  Video Frame Rate  Wideo Frame Rate  Sub stream 1: D1/VGA/CIF@(1-25/30 fps) Sub stream 2: 1080p/1.3M/720p@(1-25/30 fps)  Bit Rate Control  CBR/VBR  Video Bit Rate  H.264: 96 kbps-14,848 kbps H.265: 38 kbps-8,960 kbps  Day/Night  Color; B/W; Auto; Electronic  BLC  Yes  WDR  120dB  HLC  Yes  White Balance  Auto; indoor; outdoor; tracking; manual; sodium lamp; natural light; street lamp  Gain Control  Auto; manual; gain prio  Noise Reduction  Yes  Region of Interest (Rol)  Yes  Image Stabilization  ElS  Defog  Electronic  Digital Zoom  16×	Video Metadata	detection; optimization; capturing pictures; uploading high-quality face snapshots. Attribute extraction of motor vehicle is also supported, where 10 attributes can be
uploading high-quality face snapshots and enhancing face images. Attribute Extraction is also supported, where 6 attributes and 8 expressions can be detected. Face cutout is also offered, where you can cutout one face at a time and customize the size to be a one-inch photo. The supported methods for capturing snapshots are real-time capturing, quality first, and selecting a preferred image among a group of snapshots.  Auto Tracking  Yes  SMD  SMD4.0  Quick Pick  Yes  Video  Video Compression  H.264H; H.264B; Smart H.265+; H.264; H.265; MJPEG (Sub Stream); Smart H.264+  Streaming Capability  3 streams  4M (2560 × 1440); 3M (2048 × 1536); 3M (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)  Video Frame Rate  Video Frame Rate  Video Frame Rate  Video Bit Rate  H.264: 96 kbps-14,848 kbps H.265: 38 kbps-8,960 kbps  Day/Night  Color; B/W; Auto; Electronic  BLC  Yes  White Balance  Auto; indoor; outdoor; tracking; manual; sodium lamp; natural light; street lamp  Gain Control  Auto; manual; gain prio  Noise Reduction  Yes  Region of Interest (Rol)  Yes  Image Stabilization  EIS  Defog  Electronic  Digital Zoom  India Auto indoor; Defog  Electronic  Digital Zoom	IVS (Perimeter Protection)	detection; abandoned/missing object; fast moving; parking detection; people gathering; human alarm
SMD SMD4.0  Quick Pick Yes  Video  Video Compression (Sub Stream); Smart H.264; H.264; H.265; MJPEG (Sub Stream); Smart H.264+  Streaming Capability 3 streams  Resolution (Sub Stream); Smart H.264+  Streaming Capability 3 streams  Am (2560 × 1440); 3M (2048 × 1536); 3M (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)  Video Frame Rate Main stream: 4M/3M/1080p/1.3M/720p@(1-25/30 fps) Sub stream 1: D1/VGA/CIF@(1-25/30 fps) Sub stream 2: 1080p/1.3M/720p@(1-25/30 fps)  Bit Rate Control CBR/VBR  Video Bit Rate H.264: 96 kbps-14,848 kbps H.265: 38 kbps-8,960 kbps  Day/Night Color; B/W; Auto; Electronic  BLC Yes  WDR 120dB  HLC Yes  White Balance Auto; indoor; outdoor; tracking; manual; sodium lamp; natural light; street lamp  Gain Control Auto; manual; gain prio  Noise Reduction Yes  Region of Interest (Rol) Yes  Region of Interest (Rol) Yes  Image Stabilization EIS  Defog Electronic  Digital Zoom 16×	Face Detection	uploading high-quality face snapshots and enhancing face images. Attribute Extraction is also supported, where 6 attributes and 8 expressions can be detected. Face cutout is also offered, where you can cutout one face at a time and customize the size to be a one-inch photo. The supported methods for capturing snapshots are real-time capturing, quality first, and selecting a preferred image
Quick PickYesVideoVideo CompressionH.264H; H.264B; Smart H.265+; H.264; H.265; MJPEG (Sub Stream); Smart H.264+Streaming Capability3 streamsResolution4M (2560 × 1440); 3M (2048 × 1536); 3M (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)Video Frame RateMain stream: 4M/3M/1080p/1.3M/720p@(1-25/30 fps) Sub stream 1: D1/VGA/CIF@(1-25/30 fps) Sub stream 2: 1080p/1.3M/720p@(1-25/30 fps)Bit Rate ControlCBR/VBRVideo Bit RateH.264: 96 kbps-14,848 kbps H.265: 38 kbps-8,960 kbpsDay/NightColor; B/W; Auto; ElectronicBLCYesWDR120dBHLCYesWhite BalanceAuto; indoor; outdoor; tracking; manual; sodium lamp; natural light; street lampGain ControlAuto; manual; gain prioNoise Reduction2D NR; 3D NRMotion DetectionYesRegion of Interest (Rol)YesImage StabilizationEISDefogElectronicDigital Zoom16×	Auto Tracking	Yes
Video Compression  H.264H; H.264B; Smart H.265+; H.264; H.265; MJPEG (sub Stream); Smart H.264+  Streaming Capability  3 streams  4M (2560 × 1440); 3M (2048 × 1536); 3M (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)  Video Frame Rate  Main stream 1: D1/VGA/CIF@(1-25/30 fps) Sub stream 2: 1080p/1.3M/720p@(1-25/30 fps)  Bit Rate Control  CBR/VBR  Video Bit Rate  H.264: 96 kbps-14,848 kbps H.265: 38 kbps-8,960 kbps  Day/Night  Color; B/W; Auto; Electronic  BLC  Yes  WDR  120dB  HLC  Yes  White Balance  Auto; indoor; outdoor; tracking; manual; sodium lamp; natural light; street lamp  Gain Control  Auto; manual; gain prio  Noise Reduction  2D NR; 3D NR  Motion Detection  Yes  Region of Interest (Rol)  Yes  Image Stabilization  EIS  Defog  Electronic  Digital Zoom  16×	SMD	SMD4.0
Video Compression  H.264H; H.264B; Smart H.265+; H.264; H.265; MJPEG (Sub Stream); Smart H.264+  Streaming Capability  3 streams  4M (2560 × 1440); 3M (2048 × 1536); 3M (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)  Video Frame Rate  Main stream: 4M/3M/1080p/1.3M/720p@(1-25/30 fps) Sub stream 1: D1/VGA/CIF@(1-25/30 fps) Sub stream 2: 1080p/1.3M/720p@(1-25/30 fps)  Bit Rate Control  CBR/VBR  Video Bit Rate  H.264: 96 kbps-14,848 kbps H.265: 38 kbps-8,960 kbps  Day/Night  Color; B/W; Auto; Electronic  BLC  Yes  WDR  120dB  HLC  Yes  White Balance  Auto; indoor; outdoor; tracking; manual; sodium lamp; natural light; street lamp  Gain Control  Auto; manual; gain prio  Noise Reduction  2D NR; 3D NR  Motion Detection  Yes  Region of Interest (Rol)  Yes  Image Stabilization  EIS  Defog  Electronic  Digital Zoom  16×	Quick Pick	Yes
Streaming Capability  3 streams  AM (2560 × 1440); 3M (2048 × 1536); 3M (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)  Video Frame Rate  Main stream: 4M/3M/1080p/1.3M/720p@(1-25/30 fps) Sub stream 1: D1/VGA/CIF@(1-25/30 fps) Sub stream 2: 1080p/1.3M/720p@(1-25/30 fps)  Bit Rate Control  CBR/VBR  Video Bit Rate  H.264: 96 kbps—14,848 kbps H.265: 38 kbps—8,960 kbps  Day/Night  Color; B/W; Auto; Electronic  BLC  Yes  WDR  120dB  HLC  Yes  White Balance  Auto; indoor; outdoor; tracking; manual; sodium lamp; natural light; street lamp  Gain Control  Auto; manual; gain prio  Noise Reduction  Yes  Region of Interest (Rol)  Image Stabilization  EIS  Defog  Electronic  Digital Zoom  16×	Video	
AM (2560 × 1440); 3M (2048 × 1536); 3M (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)  Video Frame Rate  Main stream: 4M/3M/1080p/1.3M/720p@(1-25/30 fps) Sub stream 1: D1/VGA/CIF@(1-25/30 fps) Sub stream 2: 1080p/1.3M/720p@(1-25/30 fps)  Bit Rate Control  CBR/VBR  Video Bit Rate  H.264: 96 kbps-14,848 kbps H.265: 38 kbps-8,960 kbps  Day/Night  Color; B/W; Auto; Electronic  BLC  Yes  WDR  120dB  HLC  Yes  White Balance  Auto; indoor; outdoor; tracking; manual; sodium lamp; natural light; street lamp  Gain Control  Auto; manual; gain prio  Noise Reduction  2D NR; 3D NR  Motion Detection  Yes  Region of Interest (Rol)  Yes  Image Stabilization  EIS  Defog  Electronic  Digital Zoom  16×	Video Compression	
Resolution  1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (7704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240)  Wideo Frame Rate  Main stream: 4M/3M/1080p/1.3M/720p@(1-25/30 fps) Sub stream 1: D1/VGA/CIF@(1-25/30 fps) Sub stream 2: 1080p/1.3M/720p@(1-25/30 fps)  Bit Rate Control  CBR/VBR  Video Bit Rate  H.264: 96 kbps—14,848 kbps H.265: 38 kbps—8,960 kbps  Day/Night  Color; B/W; Auto; Electronic  BLC  Yes  WDR  120dB  HLC  Yes  White Balance  Auto; indoor; outdoor; tracking; manual; sodium lamp; natural light; street lamp  Gain Control  Auto; manual; gain prio  Noise Reduction  2D NR; 3D NR  Motion Detection  Yes  Region of Interest (Rol)  Image Stabilization  EIS  Defog  Electronic  Digital Zoom  16×	Streaming Capability	3 streams
Video Frame Rate       Sub stream 1: D1/VGA/CIF@(1-25/30 fps)         Sub stream 2: 1080p/1.3M/720p@(1-25/30 fps)         Bit Rate Control       CBR/VBR         Video Bit Rate       H.264: 96 kbps—14,848 kbps H.265: 38 kbps—8,960 kbps         Day/Night       Color; B/W; Auto; Electronic         BLC       Yes         WDR       120dB         HLC       Yes         White Balance       Auto; indoor; outdoor; tracking; manual; sodium lamp; natural light; street lamp         Gain Control       Auto; manual; gain prio         Noise Reduction       2D NR; 3D NR         Motion Detection       Yes         Region of Interest (Rol)       Yes         Image Stabilization       EIS         Defog       Electronic         Digital Zoom       16x	Resolution	1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF
Video Bit Rate  H.264: 96 kbps—14,848 kbps H.265: 38 kbps—8,960 kbps  Day/Night  Color; B/W; Auto; Electronic  BLC  Yes  WDR  120dB  HLC  Yes  White Balance  Auto; indoor; outdoor; tracking; manual; sodium lamp; natural light; street lamp  Gain Control  Auto; manual; gain prio  Noise Reduction  2D NR; 3D NR  Motion Detection  Yes  Region of Interest (Rol)  Image Stabilization  EIS  Defog  Electronic  Digital Zoom  16x	Video Frame Rate	Sub stream 1: D1/VGA/CIF@(1-25/30 fps)
Day/Night  Color; B/W; Auto; Electronic  BLC  Yes  WDR  120dB  HLC  Yes  White Balance  Auto; indoor; outdoor; tracking; manual; sodium lamp; natural light; street lamp  Gain Control  Auto; manual; gain prio  Noise Reduction  Yes  Region of Interest (RoI)  Image Stabilization  EIS  Defog  Electronic  Digital Zoom  Electronic	Bit Rate Control	CBR/VBR
BLC  WDR  120dB  HLC  Yes  White Balance  Auto; indoor; outdoor; tracking; manual; sodium lamp; natural light; street lamp  Gain Control  Auto; manual; gain prio  Noise Reduction  2D NR; 3D NR  Motion Detection  Yes  Region of Interest (Rol)  Image Stabilization  EIS  Defog  Electronic  Digital Zoom  16×	Video Bit Rate	
WDR 120dB  HLC Yes  White Balance Auto; indoor; outdoor; tracking; manual; sodium lamp; natural light; street lamp  Gain Control Auto; manual; gain prio  Noise Reduction 2D NR; 3D NR  Motion Detection Yes  Region of Interest (RoI) Yes  Image Stabilization EIS  Defog Electronic  Digital Zoom 16x	Day/Night	Color; B/W; Auto; Electronic
HLC Yes  White Balance Auto; indoor; outdoor; tracking; manual; sodium lamp; natural light; street lamp  Gain Control Auto; manual; gain prio  Noise Reduction 2D NR; 3D NR  Motion Detection Yes  Region of Interest (Rol) Yes  Image Stabilization EIS  Defog Electronic  Digital Zoom 16×	BLC	Yes
White Balance Auto; indoor; outdoor; tracking; manual; sodium lamp; natural light; street lamp  Auto; manual; gain prio  Noise Reduction 2D NR; 3D NR  Motion Detection Yes  Region of Interest (RoI) Image Stabilization EIS  Defog Electronic  Digital Zoom  Auto; indoor; outdoor; tracking; manual; sodium lamp; natural light; street lamp  Elmanual; gain prio  Elmanual; gain prio  Elmanual; sodium lamp; natural light; street lamp  Figure 1	WDR	120dB
Motion Detection  Region of Interest (RoI)  Pefog  Electronic  Digital Zoom  Auto; manual; gain prio  Auto; manual; gain prio  Auto; manual; gain prio  Pyes  Auto; manual; gain prio  Auto; manual; gain prio  Pyes  Electronic  Digital Zoom  Auto; manual; gain prio  Electronic	HLC	Yes
Noise Reduction  2D NR; 3D NR  Motion Detection  Yes  Region of Interest (Rol)  Image Stabilization  EIS  Defog  Electronic  Digital Zoom  16×	White Balance	
Motion Detection Yes  Region of Interest (RoI) Yes  Image Stabilization EIS  Defog Electronic  Digital Zoom 16×	Gain Control	Auto; manual; gain prio
Region of Interest (RoI)  Image Stabilization  EIS  Defog  Electronic  Digital Zoom  16×	Noise Reduction	2D NR; 3D NR
Image Stabilization EIS  Defog Electronic  Digital Zoom 16×	Motion Detection	Yes
Defog Electronic  Digital Zoom 16×	Region of Interest (RoI)	Yes
Digital Zoom 16×	Image Stabilization	EIS
	Defog	Electronic
Image Rotation 180°	Digital Zoom	16×
	Image Rotation	180°



Privacy Masking	Up to 24 areas can be set, with up to 8 areas in the same view; multiple colors available	
S/N Ratio	≥ 55 dB	
Audio		
Audio Compression	PCM; G.711a; G.711Mu; G.726; MPEG2-Layer2; G722.1; G729; G723	
Network		
Network Port	RJ-45 (10/100 Base-T)	
Network Protocol	FTP; RTMP; IPv6; Bonjour; IPv4; DNS; RTCP; PPPoE; NTP; RTP; 802.1x; HTTPS; SNMP; TCP/IP; DDNS; UPnP; NFS; ICMP; UDP; IGMP; HTTP; SSL; DHCP; SMTP; Qos; RTSP; ARP	
Interoperability	CGI; SDK; ONVIF (Profile S&G&T)	
Streaming Method	Unicast/Multicast	
User/Host	20 (total bandwidth: 64 M)	
Storage	Micro SD card (512 GB); FTP/SFTP; NAS	
Browser	IE 9 and later versions Chrome 41 and later versions Firefox 52 and later versions Safari 10 and later versions	
Management Software	DMSS;DSS Pro	
Mobile Client	iOS;Android	
Certification		
Certifications	CE: E234884-A6503-IT-1 and 4789976478-2.4-1 FCC: 4790130386-1	
Port		
Alarm I/O	7/2	
Audio I/O	1/1	
RS-485	1 (baud rate: 1200 bps–115200 bps)	
Audio Input	1 channel (LINE IN, bare wire)	
Audio Output	1 channel (LINE OUT,bare wire)	
Alarm Linkage	Capture; Recording; send email; preset; tour; pattern; alarm digital input	
Alarm Event	Motion/tampering detection; audio detection; network disconnection detection; IP conflict detection; memory card state detection; memory space detection	
Power		
Power Supply	36 VDC, 2.23 A ± 25% HI-PoE	
Battery Life on a Full Charge	0	
Power Consumption	Basic: 13 W Max: 27 W (illuminator+PTZ)	
Environment		
Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)	
Operating Humidity	≤ 95%	
Protection	TVS 6000 V lightning proof; surge protection; voltage transient protection	

#### Structure

Product Dimensions	382 mm × Φ239.8 mm (15.04" × Φ9.44")
Net Weight	6.8 kg (14.99 lb)
Gross Weight	9.2 kg (20.28 lb)

Ordering Information		
Туре	Model	Description
SD6AL Series	DH-SD6AL445GB- HNV-IR	4MP 45 Starlight IR NETWORK PTZ CAMERA
	DC36V/2.23A	Power Adapter
	PFA111	Mount adapter
	PFB303W	Bracket
Accessories	PFB300C	Ceiling Mount
	PFA150	Vertical pole mount
	PFA151+PFB303W	Corner Mount
	PFA150+DH-PFB300C	Horizontal Pole Mount

#### **Accessories**

#### Included:



DC36V/2.23A Power Adapter



PFA111 Mount adapter



PFB303W Bracket

# Optional:



PFB300C Ceiling Mount Bracket



PFA150 Pole Mount Bracket



PFA151+PFB303W Corner Mount Bracket



PFA150+PFB300C Horizontal Pole Mount

W. H. L.	Caillian Maurat	Cailling Maunt
Wall Mount	Ceiling Mount	Ceiling Mount
PFA111+PFB303W+PFA120	PFA111+PFB300C	PFA111+PFB301C
Pole Mount(Vertical)	Corner Mount	Pole Mount(Horizontal)
PFA111+PFB303W+PFA150	PFA111+PFB303W+PFA151	PFA111+PFB300C+PFA150
Plane Mount	Parapet Mount	
PFB301S-E	PFA111+PFB303S	

# Dimensions (mm[inch])

