

# 2MP LightHunter WIFI IR Network PTZ Camera

IPC6312LR-AX4W-VG



## Key Features



- High quality image with 2MP, 1/2.7"CMOS sensor
- Ultra 265, H.265, H.264, MJPEG
- Smart intrusion prevention, support false alarm filtering, include Cross Line, Intrusion, Enter Area, Leave Area detection
- People Counting, support people flow counting and crowd density monitoring, suitable for different statistical scenarios
- LightHunter technology ensures ultra-high image quality in low illumination environment
- Up to 120 dB Optical WDR (Wide Dynamic Range)
- Wi-Fi connection and easy installation
- Built-in Mic & Speaker
- Smart IR, Up to 50 m (164 ft) IR distance
- Micro SD, up to 256GB
- IP66 protection

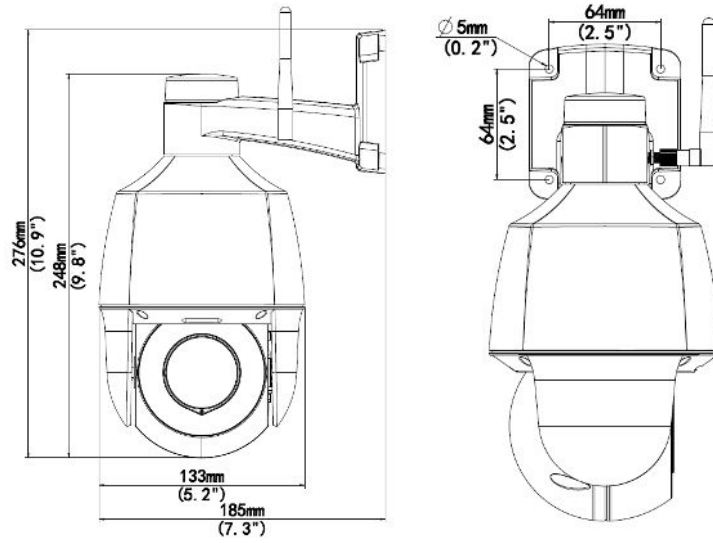
## Specifications

IPC6312LR-AX4W-VG					
<b>Camera</b>					
Sensor	1/2.7" progressive scan, 2.0 megapixel, CMOS				
Min. Illumination	Colour:0.002 lux (F1.6,AGC ON) 0 lux with IR				
Day/Night	IR-cut filter with auto switch (ICR)				
Shutter	Auto/Manual, shutter time: 1 s ~ 1/100000 s				
WDR	120dB				
S/N	>52dB				
<b>Lens</b>					
Lens type	2.8~12mm , AF automatic focusing and motorized zoom lens				
Optical Zoom	4				
Iris	Fixed; F1.6				
Field of View (H)	105.2° ~ 29.32°				
Field of View (V)	52.6° ~ 16.38°				
Field of View (D)	108.7° ~ 33.3°				
<b>DORI</b>					
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8mm	43.4 (142.4ft)	17.4 (57.1ft)	8.7 (28.5ft)	4.3 (14.1ft)
	12mm	186.2 (610.9ft)	74.5 (244.4ft)	37.2 (122.1ft)	18.6 (61.0ft)
<b>Illuminator</b>					
IR Range	Up to 50m (164ft)				
Wavelength	850nm				
IR On/Off Control	Auto/Manual				
<b>Video</b>					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
Frame Rate	Main Stream: 2MP (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps; Third Stream: D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;				
Video Bit Rate	128 Kbps~16 Mbps				
ROI	Support				
Video Stream	Triple streams				
OSD	Up to 8 OSDs				
Privacy Mask	Up to 4 areas				
<b>Image</b>					
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2				
Digital Noise Reduction	2D/3D DNR				
Smart IR	Support				
Flip	Normal/Flip Vertical/Flip Horizontal/180°/90°Clockwise/90°Anti-clockwise				
HLC	Support				
BLC	Support				
Defog	Digital Defog				

Intelligent	
Smart Intrusion Prevention	Support false alarm filtering: Cross Line detection, Intrusion detection, Enter Area detection, Leave Area detection
People Counting	Support people flow counting and crowd density monitoring
Events	
Basic Detection	Motion detection, Audio detection, Tampering Alarm
Auto Tracking	Support
General Function	Watermark, IP Address Filtering, Access Policy, ARP Protection, RTSP Authentication, User Authentication
Audio	
Audio Compression	G.711U,G.711A
Two-way Audio	Support
Suppression	Support
Sampling Rate	8 kHz
Storage	
Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR,NAS(NFS)
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP , PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP , 802.1x , SNMP, SSL
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
Client	EZStation EZLive EZView
Web Browser	Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above
Wi-Fi	
Wireless Standards	IEEE802.11b/g/n
Frequency Range	2.4 GHz ~ 2.4835 GHz
Channel Bandwidth	20 MHz Support
Modulation Mode	802.11b: CCK, QPSK, BPSK 802.11g/n: OFDM/HT
Security	64/128-bit WEP, WPA-PSK/WPA2-PSK
Transmit Power	802.11b: 17±1.5dBm @11Mbps 802.11g: 14±1.5dBm @ 54Mbps 802.11n: 12.5±1.5dBm @150Mbps
Receive Sensitivity	802.11b: -90dBm @11Mbps (Typical) 802.11g: -75dBm @54Mbps (Typical) 802.11n: -74dBm @150Mbps (Typical)
Transmission Rate	802.11b: 11Mbps 802.11g: 54Mbps 802.11n: up to 150Mbps
Pan & Tilt	
Pan Range	0° ~ 345°
Pan Speed	0.1°/s ~ 50°/s
	Preset speed: 50°/s
Tilt Range	-10° ~ 110°
Tilt Speed	0.1°/s ~ 40°/s
	Preset speed: 40°/s
Number of Presets	256

Preset Patrol	16 patrols, up to 64 presets for each patrol
Patrol Stay Time	120s~1800s
Home Position	Support
<b>Interface</b>	
Built-in Mic	Support
Built-in Speaker	Support
Network	1 * RJ45 10M/100M Base-TX Ethernet
<b>Certification</b>	
EMC	CE-EMC (EN 55032:2015+A11:2020; EN IEC 61000-3-2:2019; EN 61000-3-3:2013+A1:2019; EN 55035:2017+A11:2020 ) FCC (FCC CFR 47 part15 B, ANSI C63.4-2014)
RF	FCC ID (FCC CFR 47 part15 C) CE RED (EN301 489-1 V2.2.3; EN 301 489-17 V3.2.4; EN 300 328 V2.2.2; EN IEC 62311:2020)
Safety	CE LVD (EN 62368-1:2014+A11:2017) CB (IEC 62368-1:2014) UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01)
Environment	CE-ROHS (2011/65/EU;(EU)2015/863)
Protection	IP66 (IEC 60529:1989+AMD1:1999+AMD2:2013)
<b>General</b>	
Power	DC12V (±25%)
	Power consumption: MAX 12W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions (Ø x H)	Φ133mm*248mm (Φ5.2"x 9.8")
Weight	0.86 kg (1.90lb)
Working Environment	-20°C ~ 60°C (-4°F to 140°F), Humidity: ≤95% RH(non-condensing)
Storage Environment	-40°C ~ 70°C (-40°F to 158°F), Humidity: ≤95% RH(non-condensing)
Surge Protection	2KV
Reset Button	Support

## Dimensions



## Accessories

TR-JB07-D-IN

Junction Box



TR-UP06-B-IN

Pole Mount



TR-UP06-C-IN

Pole Mount



TR-A01-IN

Waterproof Joint



TR-CM06-D

Pendent Mount



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\*Product specifications and availability are subject to change without notice.