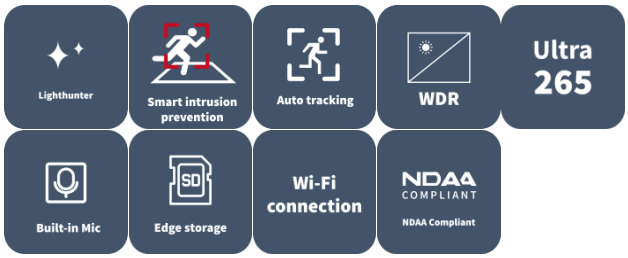
2MP LightHunter WIFI IR Network PTZ Camera

IPC6312LR-AX4W-VG



Features

- High quality image with 1080P, 1/2.7" CMOS sensor
- Ultra 265, H.265, H.264, MJPEG
- Smart intrusion prevention, supports false alarm filtering, including cross line, intrusion, enter area, leave area detection
- automatic selection of best snapshots
- People counting, supports 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 and speaker
- Smart IR, up to 50 m (164.0 ft) IR diatance
- MicroSD, up to 256 GB
- IP66 protection

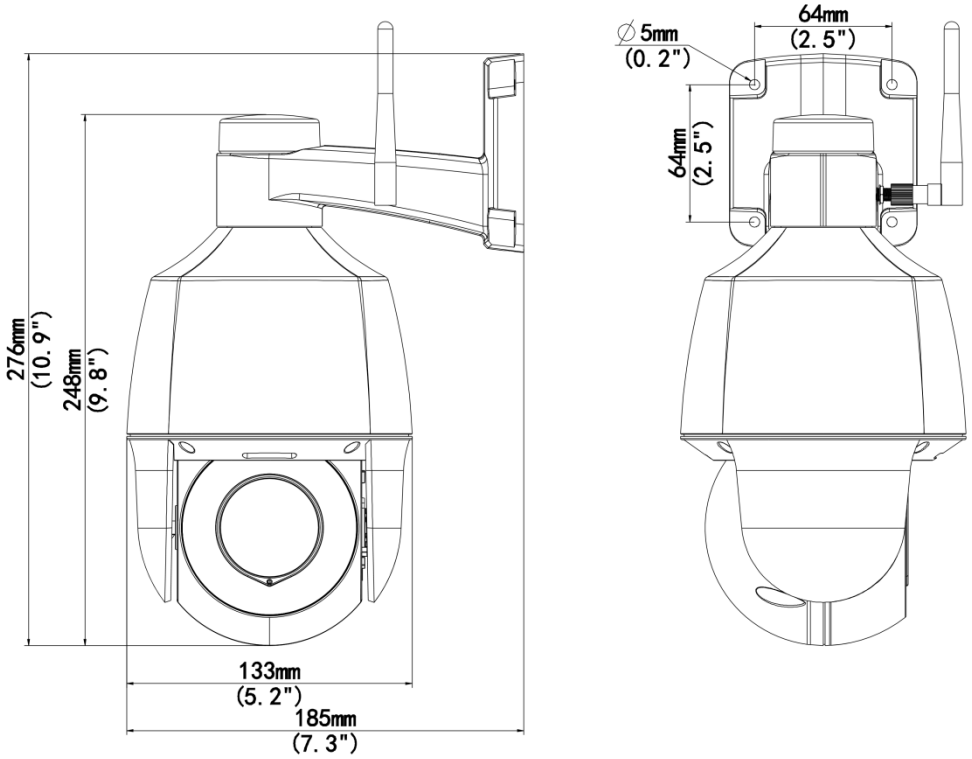
Specifications

Model	IPC6312LR-AX4W-VG
Camera	
Sensor	1/2.7" CMOS
Min. Illumination	Color: 0.002 Lux (F1.6, AGC ON), 0 Lux with IR
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 to 1/100000 s
WDR	120 dB
S/N	>52 dB
Lens	
Focal Length	2.8 to 12 mm
Optical Zoom	4X
Iris	F1.6
Field of View (H)	105.2° to 29.32°
Field of View (V)	52.6° to 16.38°
Field of View (D)	108.7° to 33.3°
Wi-Fi	
Wireless Standards	IEEE802.11b/g/n
Frequency Range	2.4 GHz to 2.4835 GHz
Channel Bandwidth	20 MHz Support
Modulation Mode	802.11b: CCK, QPSK, BPSK 802.11g/n: OFDM/HT
Wi-Fi Security	64/128-bit WEP, WPA-PSK/WPA2-PSK
Transmit Power	802.11b: 17±1.5 dBm@11 Mbps802.11g: 14±1.5 dBm@54 Mbps802.11n: 12.5±1.5 dBm@150 Mbps
Receive Sensitivity	802.11b: -90 dBm@11 Mbps (Typical)802.11g: -75 dBm@54 Mbps (Typical)802.11n: -74 dBm@150 Mbps (Typical)
Transmission Rate	802.11b: 11 Mbps802.11g: 54 Mbps802.11n: up to 150 Mbps
DORI	
DORI Distance (Lens)	2.8 to 12 mm
DORI Distance (Detect)	43.4 m to 186.2 m (142.4 ft. to 610.9 ft.)
DORI Distance (Observe)	17.4 m to 74.5 m (57.1 ft. to 244.4 ft.)
DORI Distance (Recognize)	8.7 m to 37.2 m (28.5 ft. to 122.1 ft.)
DORI Distance (Identify)	4.3 m to 18.6 m (14.1 ft. to 61.0 ft.)
Illuminator	
IR On/Off Control	Auto/Manual
Illumination Distance (IR)	50 m (164.0 ft.)
Wavelength	850 nm
Video	
Privacy Mask	Up to 4 areas
Video Compression	Ultra 265, H.265, H.264, MJPEG
Frame Rate	Main Stream: 1080P (1920 × 1080), max. 30 fps Sub Stream: 720P (1280 × 720), max. 30 fps

	Third Stream: D1 (720 × 576), max. 30 fps
Video Bit Rate	128 Kbps to 16 Mbps
ROI	Support
Video Stream	Triple streams
OSD	Up to 8 OSDs
Certification	
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)
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)
Safety	CE LVD (EN 62368-1:2014+A11:2017) 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)
Intelligent	
Exception Detection	Object removed, Object Left Behind, Scene change, Defocus detection
Auto Tracking	Support, target filtering: human only
Smart Intrusion Prevention	Cross line detection, intrusion detection, enter area detection, leave area detection (support false alarm filtering and the classification of human, non-motor vehicle and vehicle)
People Counting	Support people flow counting and crowd density monitoring
Image	
White Balance	Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2
Digital Noise Reduction	2D/3D DNR
Flip	Normal, Flip vertical, Flip horizontal, 180°
HLC	Support
BLC	Support
Smart IR	Support
Defog	Digital defog
Heatwave Reduction	N/A
Events	
Basic Detection	Motion detection, Tampering alarm, Audio detection, Object removed, Object Left Behind, Scene change, Defocus detection
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	16KHZ
Storage	
Edge Storage	MicroSD, up to 512 GB
Network Storage	ANR, NAS (NFS)

Network	
Protocols	SSH, IGMP, RTP, RTCP, SMTP, IPv4, IPv6, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTSP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, 802.1x, SNMP, QoS, SSL/TLS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK
Client	EZStation, UNV-Link, UNV-Link Pro
Web Browser	Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+
PTZ	
Number of Presets	256
Preset Patrol	16 patrols, up to 64 presets for each patrol
Patrol Stay Time	120 s to 1800 s
Home Position	Support
Pan Range	0° to 345°
Pan Speed	1°/s to 50°/s
Tilt Range	-10° to 110°
Tilt Speed	1°/s to 40°/s
Interface	
Built-in Mic	Support
Built-in Speaker	Support
Network	1 × RJ45 10 M/100 M Base-TX Ethernet
General	
Power	DC 12 V (±25%)
Power Consumption	Max. 12 W
Power Interface	Ø5.5 mm coaxial power plug
Dimensions	133 mm × 185 mm × 276 mm (5.2" × 7.3" × 10.9") (L × W × H)
Weight	0.86 kg (1.90 lb.)
Working Environment	-20 ℃ to 60 ℃ (-4 ℉ to 140 ℉), Humidity: ≤ 95% RH (non-condensing)
Storage Environment	-40 ℃ to 70 ℃ (-40 ℉ to 158 ℉), Humidity: ≤ 95% RH (non-condensing)
Surge Protection	2 KV
Reset Button	Support
Web Client Language	22 Languages: Traditional Chinese, English, Simplified Chinese, Polish, German, Russian, French, Korean, Dutch, Czech, Portuguese (Europe), Portuguese (Brazil), Japanese, Thai, Turkish, Spanish (Latin America), Spanish (Europe), Hungarian, Italian, Vietnamese, Arabic, Slovak

Dimensions



Accessories

TR-JB07-D-IN

Bullet Junction Box(Support wiring from behind)

TR-A01-IN

NPT 3/4'' Waterproof Cable Gland

TR-CM06-D

Alarm Ball Machine Hoisting Bracket

TR-UP06-C-IN

Pole Mounting Bracket for Bullet Junction Box Only

TR-UC08-C

Bullet&Dome Corner Mounting Bracket

TR-UP06-B-IN

Bullet Pole Mounting Bracket

Unlimited New View

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