

Camera IPC6412LR-X16-VG

Camera IPC6412LR-X16-VG 2MP

- High quality image with 2MP, 1/2.8" CMOS sensor
- 1920*1080@30fps in the main stream
- Ultra 265, H.265, H.264, MJPEG
- 16X optical zoom allows for closer viewing of subjects
- LightHunter technology ensures ultra-high image quality in low illumination environment
- Smart IR, up to 100m (328ft) IR distance
- Micro SD, up to 256GB
- DC 12V±25% or PoE+ (IEEE 802.3at)
- IP66 ingress protection

Type	IP
Megapixel	2 MP
Objective	PTZ
Focus	5 mm
Lighting	IR
Lighting distance	100 m
Protection	IP66
Material	Plastic



Detailed

Camera	IPC6412LR-X16-VG
Sensor	1/2.8", 2.0 megapixel, progressive scan, CMOS
Min. Illumination	Colour: 0.003 Lux (F1.7, AGC ON) 0 Lux with IR
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 ~ 1/100000s
WDR	120dB

S/N	>52dB				
Lens					
Lens type	5 - 80mm, AF automatic focusing and motorized zoom lens				
Optical Zoom	16				
Iris	F1.7(W) - F2.8(T)				
Field of View (H)	51.70° ~ 4.89°				
Field of View (V)	30.49° ~ 2.75°				
Field of View (D)	63.59° ~ 5.77°				
DORI					
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	5	77.6 (254.5ft)	31.0 (101.8ft)	15.5 (50.9ft)	7.8 (25.5ft)
	80	1241.4 (4072.8ft)	496.6 (1629.1ft)	248.3 (814.6ft)	124.1 (407.3ft)
Illuminator					
IR Range	Up to 100m (328 ft) IR range				
Wavelength	850nm				
IR On/Off Control	Auto/Manual				
Video					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
Frame Rate	Main Stream: 2MP(1920*1080),Max 30fps; Sub Stream: 720P(1280*720), Max 30fps; Third Stream: D1 (720*576), Max 30fps;				
Video Bit Rate	128 Kbps~16 Mbps				
U-code	Support				
ROI	Support				
Video Stream	Triple streams				

OSD	Up to 8 OSDs
Privacy Mask	24 areas, up to 4 areas per scene
Image	
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
Events	
Basic Detection	Motion detection, Tampering Alarm
Auto Tracking	Support
General Function	Watermark, IP Address Filtering, Access Policy, ARP Protection, RTSP Authentication, User Authentication
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, QoS, RTMP, SSL/TLS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK
User/Host	Up to 32 users. 3 user levels: administrator, operator and common user
Security	Password protection, Strong password, HTTPS encryption, Export operation logs, Basic and digest authentication for RTSP, Digest authentication for HTTP, TLS 1.2, WSSE and digest authentication for ONVIF

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
Pan & Tilt	
Pan Range	360° (endless)
Pan Speed	0.1°/s ~ 80°/s
	Preset speed: 80°/s
Tilt Range	-15° ~ 90° (auto reverse)
Tilt Speed	0.1°/s ~ 80°/s
	Preset speed: 80°/s
Number of Presets	1024
Preset Patrol	16 patrols, up to 64 presets for each patrol
Route Patrol	16 patrols, up to 32 actions for each patrol
Recorded Patrol	16 patrols, up to 128 actions for each patrol
Patrol Stay Time	15s ~ 1800s
Preset Image Freeze	N/A
Home Position	Support
Interface	
Audio I/O	N/A
Alarm I/O	N/A
Serial Port	N/A
Built-in Mic	N/A
Built-in Speaker	N/A
WIFI	N/A

Network	1 * RJ45 10M/100M Base-TX Ethernet
Video Output	N/A
Certification	
EMC	CE-EMC (EN 55032:2015+A11:2020+A1:2020,EN 61000-3-3:2013+A1:2019+A2:2021, EN IEC 61000-3-2: 2019+A1: 2021,EN 55035: 2017+A11:2020) FCC (47 CFR Part 15, Subpart B)ANSI C63.4-2014)
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)
General	
Power	DC12V(±25%,3A), PoE+(IEEE 802.3at)
	Power consumption: MAX 20W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions (Ø x H)	Ø162 x 293mm (Ø6.4" x 11.5")
Weight	1.79kg (3.95lb)
Working Environment	-40°C ~ 65°C(-40°F ~ 149°F)Humidity: ≤95% RH (non-condensing)
Storage Environment	-40°C ~ 70°C(-40°F ~ 158°F)Humidity: ≤95% RH (non-condensing)
Surge Protection	6KV
Reset Button	Support