

8MP+8MP LightHunter Dual-lens Network PTZ Camera

IPC68188EFW-X25-F40G-VH





Features

- Dual channels with one IP, look at overall situation and consider details at the same time
- Support dual-lens' video spliced in one channel, which can obtain a wider monitoring range
- Ultra 265, H.265, H.264, MJPEG
- Gyroscope stabilization for stable picture
- 25X optical zoom of PTZ channel allows for closer viewing of subjects
- 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
- IR & warm light illumination to deal with different scenes and achieve full-color illumination
- AC 24V \pm 25% or DC 24V \pm 25% power supply

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Specifications

Channel	Channel 1 (Panorama)	Channel 2 (Detail)		
Camera				
Sensor	1/1.8" CMOS	1/1.2" CMOS		
Max Resolution	8 MP			
Min. Illumination	Color: 0.0005 lux (F1.6, AGC ON)	Color: 0.0005 lux (F1.6, AGC ON)		
	0 lux with IR/Warm light	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	>56 dB			
Lens				
Digital Zoom	N/A	16X		
Optical Zoom	N/A	25X		
Iris Type	Fixed	P-iris		
Video				
Frame Rate-Third Stream	D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF (704*288), Max 30fps; CIF (352*288), Max 30fps;			
Frame Rate-Main Stream	8MP (3840*2160), Max 30fps; 6MP (3072*2048), Max 30fps; 4MP (2688*1520), Max 30fps; 4MP (2560*1440), Max 30fps; 2MP (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF (704*288), Max 30fps; CIF (352*288), Max 30fps;			
Frame Rate-Sub Stream	2MP (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF (704*288), Max 30fps; CIF (352*288), Max 30fps;			
Frame Rate	3840*2160@30fps+1080P@30fps+D1@30fps			
Recommendation	3072*2048@30fps+1080P@30fps+D1@30fps			
Privacy Mask	24 areas, up to 8 areas per scene			
Video Compression	Ultra 265, H.265, H.264, MJPEG			
Video Bit Rate	128 Kbps to 16 Mbps			
U-code	Support			
ROI	Support			
Video Stream	Triple Streams			
OSD	Up to 10 OSDs			



DORI					
DORI Distance (Lens)	4 mm	10 ~ 250mm			
Intelligent					
Metadata Analyse	Support human body, human face, motor vehicle and non-motor vehicle image capture and attribute collection				
People Counting	N/A	Support People Flow Counting and Crowd Density Monitoring			
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)				
Image					
Defog	Digital Defog	Optical Defog			
White Balance	Auto, Outdoor, Fine Tune, Sodium Lamp, Locked, Auto2				
Digital Noise Reduction	2D/3D DNR				
Smart IR	N/A	Support			
Flip	Normal, Flip Vertical, Flip Horizontal, 180°				
HLC	Support				
BLC	Support				
Heatwave Reduction	N/A	Support			
Illuminator	Illuminator				
Light On/Off Control	Auto/Manual				
Illumination Distance (IR)	N/A	250 m (820.2 ft)			
Illumination Distance (Warm Light)	30 m (98.4 ft)	N/A			
Events					
Basic Detection	Motion Detection, Audio Detection, Tampering Alarm				
General Function	Watermark, IP Address Filtering, Alarm Input, Alarm Output, Access Policy, ARP Protection, RTSP Authentication, User Authentication	Watermark, IP Address Filtering, Access Policy, Alarm Output, Alarm Input, User Authentication, RTSP Authentication, ARP Protection			
PTZ					
Pan Range	360°				
Pan Speed	0.1°/s ~ 180°/s				
Tilt Range	-15° ~ 90°				
Tilt Speed	0.1°/s ~ 180°/s				





Number of Presets	N/A	1024			
Preset Patrol	N/A	16 patrols, up to 64 presets for each patrol			
Patrol Stay Time	15 s to 1800 s				
Preset Image Freeze	N/A	Support			
Home Position	N/A	Support			
Audio	Audio				
Audio Compression	G.711U, G.711A				
Audio Bitrate	128 Kbps				
Two-way Audio	Support				
Suppression	Support				
Sampling Rate	8 kHz, 16 kHz				
Storage					
Edge Storage	Micro SD, up to 512 GB				
Network Storage	ANR, NAS (NFS)				
Network	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, Profile M), API, SDK	ONVIF (Profile S, Profile G, Profile T), API, SDK			
User/Host	Up to 32 users. 3 user levels: administrator, common user and operator				
Security	TLS1.3, 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, UNV-Link, UNV-Link Pro				
Web Browser	Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+				
Interface					
Audio I/O	1 Input: impedance 1 k Ω , amplitude 2.5 V [p-p], 1 Output: impedance 600 Ω , amplitude 2 V [p-p]				
Alarm I/O	7/2				
Serial Port	1 channel RS485 interface				
Built-in Mic	N/A				
Built-in Speaker	N/A				
WIFI	N/A				

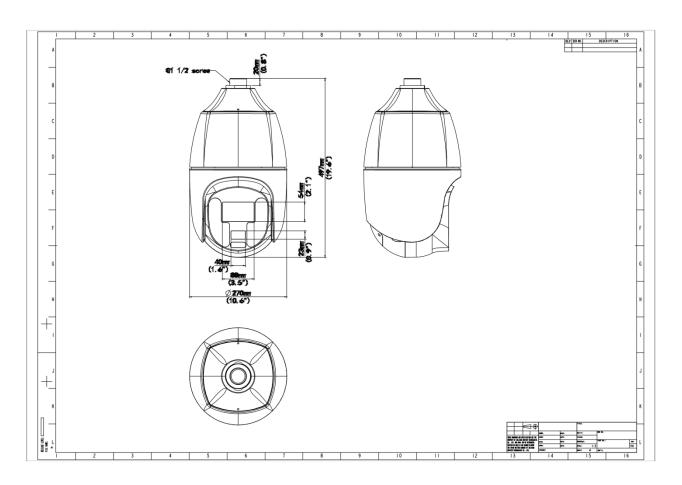




Network	1 × RJ45 10 M/100 M/1000 M Base-TX Ethernet + 1 × 100 M/1000 M SFP	
Certification		
ЕМС	CE-EMC (EN 55032: 2015+A1: 2020, EN 61000-3-3: 2013+A1: 2019, EN IEC 61000-3-2: 2019+A1: 2021, EN 55035: 2017+A11: 2020) FCC (FCC CFR 47 part15 B, ANSI C63.4-2014)	
Safety	CE LVD (EN 62368-1:2014+A11:2017) 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)	
General		
Power	DC24V (±25%), AC24V (±25%)	
Power Consumption	MAX 63W	
Power Interface	Wires with cold-pressed terminal	
Dimensions	Ø 270 x 497mm (Ø 10.6" x 19.6") (Ø x H)	
Weight	10.08kg (22.2lb)	
Working Environment	-40 °C to 70 °C (-40 °F to 158 °F), Humidity: ≤ 95% RH (non-condensing)	
Storage Environment	-40 °C to 70 °C (-40 °F to 158 °F), Humidity: ≤ 95% RH (non-condensing)	
Surge Protection	6 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-UF45-A-IN

TR-SE45-A-IN

TR-UC08-B-IN

Dome Indoor Ceiling Mounting Pedes tal

Dome Ceiling Mounting Pole 500

Aluminium Alloy Corner Mounting B racket











TR-UC08-A-IN

TR-UP08-B-IN

TR-UP08-A-IN

Dome Corner Mounting Bracket

Aluminium Alloy Pole Mounting Bra cket

Dome Pole Mounting Bracket







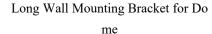
TR-WE45-B-IN

Dome Gooseneck Bracket

TR-JB12-IN

TR-WE45-A-IN











TR-CE45-IN

Dome Indoor Ceiling Mounting Brack et

TR-SE45-IN

Dome Ceiling Mounting Pole 200





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