DATASHEET

8MP 25x Lighthunter Network PTZ Dome Camera

IPC6658SR-X25-VF



Key Features



- High quality image with 8MP,1/1.8'' CMOS sensor
- 3840*2160@30fps in the main stream
- Ultra 265, H.265, H.264, MJPEG
- Triple streams
- 25X Optical Zoom
- Smart intrusion prevention, support false alarm filtering, include Cross Line, Intrusion, Enter Area, Leave Area detection
- Face capture, automatic selection of best snapshots
- Lighthunter technology ensures ultra-high image quality in low illumination environment
- Smart IR, up to 200m (656 ft) IR distance
- AC 24V±25%, DC 24V±25% or PoE power supply
- Alarm 2 in and 1 out, Audio 1 in and 1 out
- IP66 ingress protection

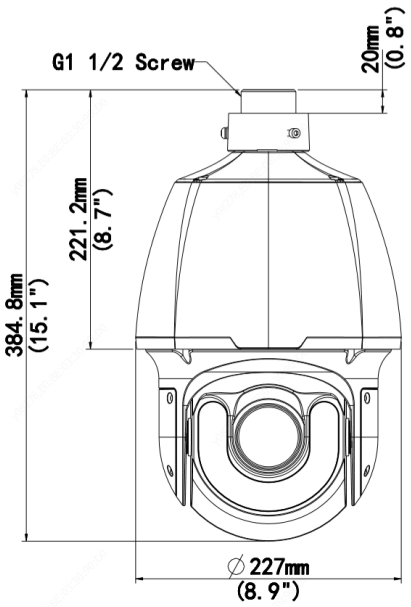
Specifications

	IPC6658SR-X25-VF				
Camera					
Sensor	1/1.8", 8.0 megapixel, progressive scan, CMOS				
Min. Illumination	Colour: 0.003 Lux (F1.5, AGC ON) 0 Lux with IR				
Day/Night	IR-cut filter with auto switch (ICR)				
Shutter	Auto/Manual, 1 ~ 1/100000s				
WDR	Digital wide dynamic				
S/N	>56dB				
Lens					
Lens	6.0 ~ 150.0mm, AF automatic focusing and motorized zoom lens				
Digital Zoom	16				
Optical Zoom	25				
Iris	Auto; F1.5 ~ F3.4				
Angle of View (H)	60.5° ~ 3.1°				
Angle of View (V)	36.3° ~ 1.8°				
Angle of View (O)	71.4° ~ 3.7°				
DORI					
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	6.0	143.1(469.5ft)	57.2(187.8ft)	28.6(93.9ft)	14.3(46.9ft)
	150.0	3116.3 (10223.9ft)	1246.5(4089.6ft)	623.3(2044.8ft)	311.6(1022.4ft)
Illuminator					
Vari-focal Laser	Up to 200m(656ft)				
Wavelength	850nm				
IR On/Off Control	Auto/Manual				
Video					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
Frame Rate	Main Stream: 8MP(3840*2160),Max 30fps(Max 20fps when AI functions enabled); Sub Stream: 2MP (1920*1080), Max 30fps; Third Stream: D1 (720*576), Max 30fps;				
Video Bit Rate	128 Kbps~16 Mbps				
U-code	Support				
ROI	Up to 8 areas				
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°				
HLC	Support				
BLC	Support				

Defog	Digital Defog
Intelligent	
Smart Intrusion Prevention	Support false alarm filtering: Line crossing detection, Intrusion detection, Region entrance detection, Region exit detection;
Face Capture	Support
People Counting	Support
Events	
Basic Detection	Motion detection, Audio detection, Tampering Alarm;
Auto Tracking	Support
General Function	Watermark, IP Address Filtering, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication
Audio	
Audio Compression	G.711U,G.711A
Audio Bitrate	64 Kbps
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, QoS, RTMP, SSL/TLS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK
User/Host	Up to 32 users. 2 user levels: administrator 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: IE9+, Chrome 41 and below, Firefox 52 and below
Pan & Tilt	
Pan Range	360° (endless)
Pan Speed	0.1°/s ~ 200°/s
	Preset speed: 300°/s
Tilt Range	–15° ~ 90° (auto reverse)
Tilt Speed	0.1°/s ~ 200°/s
	Preset speed: 240°/s
Number of Presets	1024
Patrol	Preset patrol, route patrol, recorded patrol
Patrol Stay Time	15s~1800s
Preset Image Freeze	Support
Home Position	Support
Interface	
Audio I/O	1/1
Alarm I/O	2/1
Serial Port	1 RS485

Built-in Mic	N/A
Built-in Speaker	N/A
WIFI	N/A
Network	1 * RJ45 10M/100M Base-TX Ethernet
Video Output	1 BNC, impedance 75Ω; amplitude 1V [p-p]
Certification	
EMC	FCC CFR 47 Part 15 EN 55032:2015 EN 55024:2010 EN 61000-3-2:2014 EN 61000-3-3-2013
Safety	IEC 62368-1 EN 62368-1 UL 60950-1
Environment	CE-ROHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU); REACH (Regulation (EC) No 1907/2006)
Protection	Ingression protection: IP66 (IEC 60529-2013)
General	
Power	AC 24V±25%, DC 24V±25%, PoE (PSE Required)
	Power consumption: Max 58W
Power Interface	Wires with cold-pressed terminal
Dimensions (Ø x H)	Ø227 x 384.8mm (Ø8.9” x 15.1”)
Weight	5.61kg(12.36lb)
Working Environment	-40℃~65℃(-40°F ~ 149°F)，≤95%RH
Storage Environment	-40℃~70℃(-40°F ~ 158°F)，≤95%RH
Surge protection	6KV
Vandal Resistant	N/A
Ingress Protection	IP66
Reset Button	Support

Dimensions



Accessories

TR-CE45-IN



TR-SE45-A-IN



TR-SE45-IN



TR-UF45-A-IN



TR-WE45-IN



TR-WE45-A-IN



TR-UP08-A-IN/TR-UP08-B-IN



TR-UC08-A-IN/ TR-UC08-B-IN

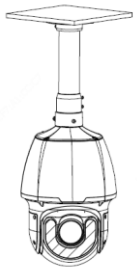
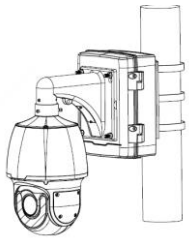
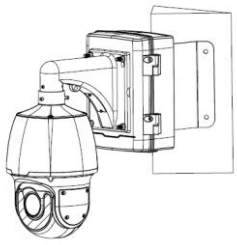


TR-JB12-IN



TR-WE45-B-IN



Pendent Mount (Indoor Use)	Pole Mount
TR-CE45-IN; TR-UF-45-A –IN +TR-SE45-A-IN/TR-SE45-IN	TR-WE45-IN/TR-WE45-A-IN+TR-UP08-A-IN/TR-UP08-B-IN+TR-JB12-IN
	
Corner Mount	/
TR-WE45-IN/TR-WE45-A-IN+TR-UC08-A-IN/ TR-UC08-B-IN+TR-JB12-IN	/
	/

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*Product specifications and availability are subject to change without notice