DATASHEET

5MP WDR Starlight IR Network Indoor MiniPTZ Dome Camera

IPC6415SR-X5UPW-VG

Key Features

- High quality image with 5MP,1/2.7'' CMOS sensor
- 2880*1620@30fps in the main stream, 16:9 aspect ratio
- Ultra 265, H.265, H.264, MJPEG
- 5X optical zoom allows for closer viewing of subjects
- 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, support two-way audio
- Alarm 1 in and 1 out
- Smart IR, up to 30m (98 ft) IR distance

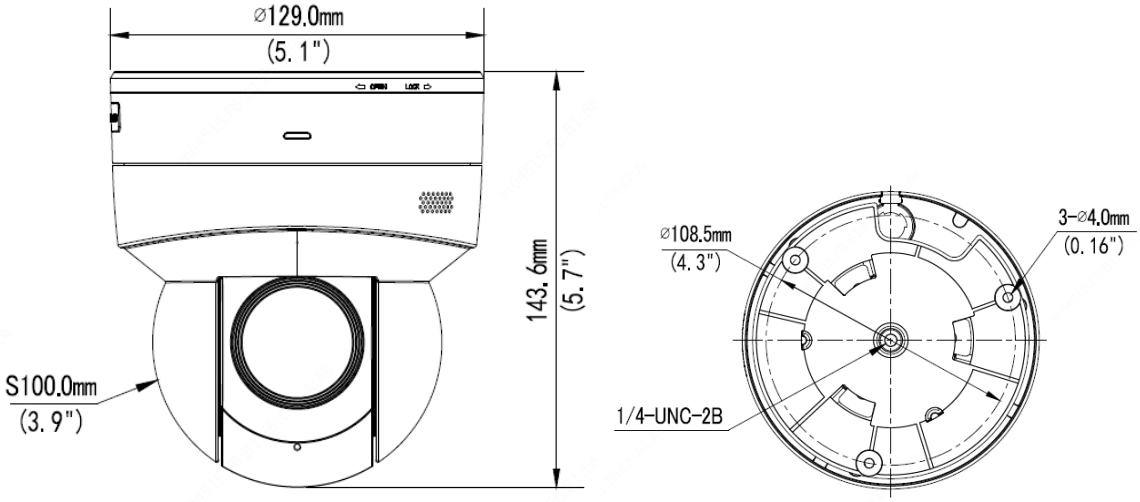
Specifications

	IPC6415SR-X5UPW-VG				
Camera					
Sensor	1/2.7", 5.0 megapixel, progressive scan, CMOS				
Min. Illumination	Colour:0.003 lux (F1.2, 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	＞56dB				
Lens					
Lens type	2.7~13.5mm@F1.2, AF automatic focusing and motorized zoom lens				
Iris	Auto aperture				
Angle of View (H)	106.9°~30.6°				
Angle of View (V)	56.0°~17.7°				
Angle of View (O)	131.5°~39.8°				
DORI					
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.7	70.9(232.5ft)	28.4(93.0ft)	14.2(46.5ft)	7.1(23.3ft)
	13.5	247.5(812.0ft)	99.0(324.8ft)	49.5(162.4ft)	24.8(81.2ft)
Illuminator					
IR Range	Up to 30m (98 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: 5MP (2880*1620),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°				
HLC	Support				
BLC	Support				
Defog	Digital Defog				
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
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, 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	350°
Pan Speed	0.1°/s ~ 60°/s
	Preset speed: 60°/s
Tilt Range	0° ~ 90°
Tilt Speed	0.1° ~ 50°/s
	Preset speed: 50°/s
Number of Presets	1024
Preset Patrol	16 patrols, up to 64 presets for each patrol
Patrol Stay Time	120s~1800s
Preset Image Freeze	N/A
Home Position	Support
Interface	
Audio I/O	N/A
Alarm I/O	1/1
Serial Port	1 RS485
Built-in Mic	Support
Built-in Speaker	Support
WIFI	Support (IEEE802.11b/g/n)
Network	1 * RJ45 10M/100M Base-TX Ethernet
Video output	N/A
Certification	
EMC	FCC 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)
General	
Power	DC12V(±25%), PoE+(IEEE 802.3at)
	Power consumption: Max 15W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions (Ø x H)	Φ129 x 143.6mm (Φ5.1'' x 5.7'')
Weight	0.76kg(1.67lb)
Working Environment	-10℃~50℃(14°F ~ 122°F)，Humidity: ≤95% RH (non-condensing)
Storage Environment	-40℃~70℃(-40°F ~ 158°F)，Humidity: ≤95% RH (non-condensing)
Surge protection	4KV
Reset Button	Support
Protection	Ingress Protection: N/A Vandal Resistant: N/A

Dimensions



Accessories

TR-JB03-H-IN

TR-JB07/WM03-F-IN

TR-WM03-B-IN

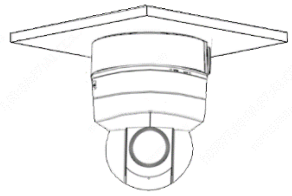
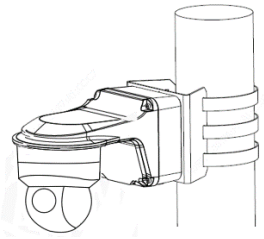
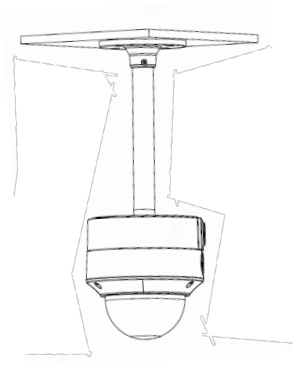
TR-A01-IN

TR-UP06-IN

TR-SE24-IN

TR-SE24-A-IN

TR-CM24-IN

Junction Mount	Wall mount
TR-JB03-H-IN + TR-A01-IN	TR-JB07/WM03-F-IN、TR-WM03-B-IN+TR-UP06-IN
	
Pendent Mount	
TR-JB03-H-IN+ TR-SE24-IN/TR-SE24-A-IN+ TR-CM24-IN	/
	/

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*Product specifications and availability are subject to change without notice