

4MP X33 Lighthunter IR Intelligent Network PTZ Camera IPC6624SR-X33-VD2A





Features

- · Wise-ISP image processing engine, intelligent noise reduction, stunning visual effects in low-light conditions
- · Supports multiple deep-learning functions: smart intrusion prevention (SIP), target detection, people counting and auto tracking
- Smart intrusion prevention (SIP): supports cross line detection, enter area, leave area, and intrusion detection, detects and captures different types of targets including motor vehicles, non-motor vehicles, pedestrians, and raises alarms
- Auto tracking: supports classifying and tracking motor vehicles, non-motor vehicles, and pedestrians, and returning to the initial position at the end of the set tracking time
- People counting: supports people flow counting and crowd density monitoring, applicable to various scenarios
- 120 dB true WDR meets the image requirements in high-contrast scene
- · Heatwave reduction effectively mitigates heatwave effect in high-temperature outdoor environment and ensures clear images
- · Adaptive defog automatically adjusts the defog level according to fog and haze intensity
- 200 m (656.2 ft) illumination distance, smart IR illumination, automatically adjusts image settings according to the scene, offering natural and realistic night-time images
- Adaptive highlight compensation (HLC) automatically adjusts image brightness at night when moving vehicles are detected on the road
- · Advanced H.265 and SVC video compression technologies, higher compression efficiency, flexible application
- Triple video streams provide live videos of different resolutions to meet different bandwidth and storage requirements
- ROI (region of interest) ensures image quality in areas of interest with low bandwidth
- Supports picture overlay and custom OSD, provides various custom effects (size, color, background, style)

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Specifications

Camera Max Resolution 4 MP Sensor 1/2.7° CMOS Min. Illumination Colors 0.002 Lux (F1.5, 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 > 56 dB Lens F Pocal Length 4.5 to 148.5 mm Olgital Zoom 16K Optical Zoom 33X Iris F1.5 to F4.0 Field of View (H) 54.77° to 2.69° Field of View (M) 32.49° to 1.51° Field of View (D) 67.37° to 2.96° DORI 73.3° to 2.96° DORI 57.3° to 2.96° DORI Distance (Lens) 4.5 to 148.5 mm DORI Distance (Detect) 105.8 m to 317.5 m (34.9 ft. to 10408.5 ft.) DORI Distance (Observe) 4.2 m to 1269.0 m (138.8 ft. to 4163.4 ft.) DORI Distance (Detect) 10.5 m to 317.3 m (34.9 ft. to 1041.0 ft.) Video Video Compression Video Compression H.265, H.264, M.JPEG, Ultra 265 Auin St	Model	IPC6624SR-X33-VD2A	
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Audio Compression G.711U, G.711A Audio Bitrate 128 Kbps	General Function		
Audio Bitrate 128 Kbps	Audio		
	Audio Compression	G.711U, G.711A	
Two-way Audio Support	Audio Bitrate	128 Kbps	
	Two-way Audio	Support	



Suppression	Support	
Sampling Rate	8 kHz, 16 kHz	
Storage	O KIIZ, TO KIIZ	
Edge Storage	MicroSD, up to 512 GB	
Network Storage	NAS (NFS)	
Network	TAG (N. 3)	
SSH, IGMP, RTP, RTMP, RTCP, IPv4, SSL/TLS, QoS, 802.1x, HTTPS, HTTP, UPnP, NTP, DDNS, DNS,		
Protocols	RTSP, DHCP, UDP, TCP, ARP, ICMP, IPv6, SMTP	
Compatible Integration	ONVIF (Profile S, Profile G, Profile T, Profile M), SDK, API	
User/Host	Up to 32 users. 3 user levels: administrator, common user and operator	
000.71.000	Password Protection, Strong Password, HTTPS Encryption, Export Operation Logs, Basic and	
Security	Digest Authentication for RTSP, Digest Authentication for HTTP, TLS 1.2, WSSE and Digest	
	Authentication for ONVIF, TLS 1.3	
Client	EZStation, UNV-Link, UNV-Link Pro	
	Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view:	
Web Browser	Chrome 57+, Firefox 58+, Edge 16+	
PTZ	, , ,	
Pan Range	360° (endless)	
Pan Speed	0.1°/s to 288°/s	
Tilt Range	-15° to 90° (auto flip)	
Tilt Speed	0.1°/s to 200°/s	
Number of Presets	1024	
Preset Patrol	16 patrols, up to 64 presets for each patrol	
Patrol Stay Time	15 s to 1800 s	
Preset Image Freeze	Support	
Home Position	Support	
Image		
Flip	Normal, Flip vertical, Flip horizontal, 180°	
Digital Noise Reduction	2D/3D DNR	
White Balance	Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2	
BLC	Support	
Defog	Digital defog	
HLC	Support	
EIS	Support	
Image Stabilization	DIS	
Interface		
Audio I/O	1 Input: impedance 1 k Ω , amplitude 2.5 V [p-p], 1 Output: impedance 600 Ω , amplitude 2.5 V [p-p]	
Alarm I/O	2/1	
Serial Port	1 × RS485	
Network	1 × RJ45 10 M/100 M Base-TX Ethernet	
Certification		
EMC	CE-EMC (EN 55032; EN IEC 61000-3-2; EN 61000-3-3; EN 50130)	
Line	FCC SDoC (47 CFR Part 15; Subpart B)	

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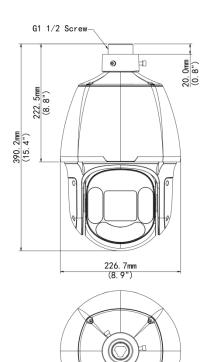


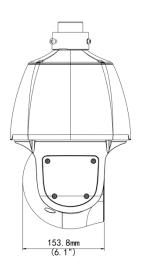
	HI (III COOCO 1)
Safety	UL (UL 62368-1)
	CUL (CAN/CSA C22.2 No. 62368-1)
	CE-LVD (EN IEC 62368-1)
Environment	CE-ROHS (2011/65/EU;(EU)2015/863;2012/19/EU)
Protection	IP66 (IEC 60529: 1989+AMD1: 1999+AMD2: 2013), IK10 (Anti-Vandalism Except for the Front
	Window)
Intelligent	
People Counting	Support people flow counting and crowd density monitoring
Exception Detection	Object removed, Object Left Behind
Auto Tracking	Support, target filtering: human, non-motor vehicle and vehicle
Multi-target Detection	N/A
	Cross line detection, intrusion detection, enter area detection, leave area detection (support
Smart Intrusion Prevention	false alarm filtering and the classification of human, non-motor vehicle and vehicle)
Illuminator	
Illumination Distance (IR)	200 m (656.2 ft.)
IR On/Off Control	Auto/Manual
General	
Power Interface	Wires with cold-pressed terminal
Dimensions	Ø226.7 mm × 390.2 mm (Ø8.9" × 15.4") (Ø × H)
Weight	5.35 kg (11.79 lb.)
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
Power	DC 24 V±25%, AC 24 V±25%, PoE (IEEE 802.3at)
Power Consumption	23.9 W

Dimensions

4







Accessories

TR-WE45-IN

Dome Wall Mounting Bracket

TR-UF45-A-IN

Dome Indoor Ceiling Mounting Pedestal



TR-SE45-IN

Dome Ceiling Mounting Pole 200



TR-WE45-A-IN

Long Wall Mounting Bracket for Dome



TR-CE45-IN

Dome Indoor Ceiling Mounting Bracket



TR-JB12-IN

Dome Junction Box



TR-SE45-A-IN

Dome Ceiling Mounting Pole 500



TR-WE45-IN

Dome Wall Mounting Bracket



TR-WE45-B-IN

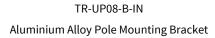
Dome Gooseneck Bracket





TR-UP08-A-IN

Dome Pole Mounting Bracket



TR-UC08-A-IN

Dome Corner Mounting Bracket







TR-UC08-B-IN
Aluminium Alloy Corner Mounting Bracket



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^{*}Product specifications and availability are subject to change without notice.

 $^{{}^{\}star}\mathsf{Despite}\;\mathsf{our}\;\mathsf{best}\;\mathsf{efforts}, \mathsf{technical}\;\mathsf{or}\;\mathsf{typographical}\;\mathsf{errors}\;\mathsf{may}\;\mathsf{exist}\;\mathsf{in}\;\mathsf{this}\;\mathsf{document}.$