4MP 25X LightHunter Network PTZ Dome Camera

IPC6424SR-X25-VF



Features

- High quality image with 4MP,1/2.8" CMOS sensor
- 2688*1520@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
- 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
- Smart IR, up to 100m (328ft) IR distance
- DC 12V±25% or PoE+ (IEEE 802.3at)
- Alarm 2 in and 1 out, Audio 1 in and 1 out
- IP67 ingress protection
- IK10 vandal resistant

Specifications

Model	IPC6424SR-X25-VF	
Camera		
Sensor	1/2.8" 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	120 dB	
S/N	>56 dB	
Lens		
Focal Length	4.8 to 120 mm	
Digital Zoom	16X	
Optical Zoom	25X	
Iris	F1.5 to F3.8	
Field of View (H)	52.20°~2.74°	
Field of View (V)	30.81°~1.54°	
Field of View (D)	64.20°~3.23°	
DORI		
DORI Distance (Lens)	4.8~120(mm)	
DORI Distance (Detect)	119.3m~2475.0m(391.2ft~8120.1ft)	
DORI Distance (Observe)	47.7m~990.0m(156.5ft~3248.0ft)	
DORI Distance (Recognize)	23.9m~495.0m(78.2ft~1624.0ft)	
DORI Distance (Identify)	11.9m~247.5m(39.1ft~812.0ft)	
Illuminator		
Illumination Distance (IR)	100 m (328.1 ft)	
IR On/Off Control	Auto/Manual	
Wavelength	850 nm	
Video		
Privacy Mask	24 areas, up to 4 areas per scene	

DATASHEET

Third Stream: D1 (720*576), Max 30/ps Video Bit Rate 128 Kbps to 16 Mbps Ucode Support Rol Support Rol typ to 10 OSDs OSD Up to 10 OSDs Intelligent Triple Streams Auto Tracking Support target filtering: human, non-motor vehicle and vehicle People Counting Support People Flow Counting and Crowd Density Monitoring Strant Intrusion Prevention Support faget filtering: human, non-motor vehicle and vehicle Intege 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 Intege Digital Defog White Balance Auto, Outdoor, Fine Tune, Sodium Lamp, Locked, Auto2 Digital Noise Reduction Support Sing of Caunting Support Support Support Vehice Support Digital Noise Reduction Support Sing of Caunting Support Support Support <th>Video Compression</th> <th>Ultra 265, H.265, H.264, MJPEG</th>	Video Compression	Ultra 265, H.265, H.264, MJPEG
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General Function Authentication, User Authentication, Alarm Input, Alarm Output Audio G.711U, G.711A Audio Bitrate 128 Kbps	Basic Detection	
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

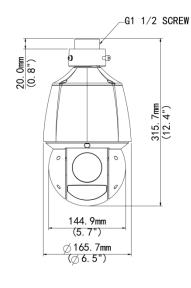
DATASHEET

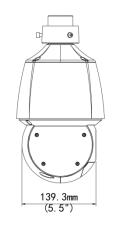
Suppression	Support
Sampling Rate	16KHZ
Storage	
Edge Storage	Micro SD, up to 512 GB
Network Storage	ANR, NAS (NFS)
Network	
Protocols	SSH, IGMP, RTP, RTCP, SMTP, IPv4, IPv6, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTSP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, 802.1x, SNMP, QoS, SSL/TLS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T, Profile M), API, SDK
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+
PTZ	
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	15 s to 1800 s
Preset Image Freeze	Support
Home Position	Support
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
Built-in Mic	N/A
Built-in Speaker	N/A
WIFI	N/A

DATASHEET

Network	1 × RJ45 10 M/100 M Base-TX Ethernet
Video Output	1 BNC (For debugging)
Certification	
EMC	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	IP67 (IEC 60529:1989+AMD1:1999+AMD2:2013) IK10 (IEC 62262:2002)
General	
Power	DC12V(±25%,3A), PoE+(IEEE 802.3at)
Power Consumption	MAX 21W
Power Interface	Ø5.5 mm coaxial power plug
Dimensions	Ø 162 x 295mm (Ø 6.4" x 11.6") (Ø x H)
Weight	3.05kg(6.72lb)
Working Environment	-40 °C to 70 °C (-40 °F to 158 °F), Humidity: \leq 95% RH (non-condensing)
Storage Environment	-40 °C to 70 °C (-40 °F to 158 °F), Humidity: \leq 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





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TR-SE45-A-IN

TR-SE45-IN

Dome Ceiling Mounting Pole 200

DATASHEET TR-CE45-IN TR-WE45-IN TR-WE45-A-IN Dome Indoor Ceiling Mounting Brack Dome Wall Mounting Bracket Long Wall Mounting Bracket for Dom et e TR-WE45-B-IN TR-JB12-IN TR-UP08-A-IN Dome Gooseneck Bracket Dome Pole Mounting Bracket **Dome Junction Box** TR-UP08-B-IN TR-UC08-A-IN TR-UC08-B-IN Aluminium Alloy Pole Mounting Brack Dome Corner Mounting Bracket Aluminium Alloy Corner Mounting Br et acket

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