

# 4MP 25X LightHunter Network PTZ Dome Camera IPC6424SR-X25-VF-B



## Features

- High quality image with 4 MP, 1/2.8" CMOS sensor
- 2688 × 1520@30 fps in the main stream
- Ultra 265, H.265, H.264, MJPEG
- 25X optical zoom
- Smart intrusion prevention, supports false alarm filtering, including cross line, intrusion, enter area, leave area detection
- automatic selection of best snapshots, supports face detection masked area
- People counting, supports 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 100 m (328 ft) IR distance
- DC 12 V±25%, PoE+ (IEEE 802.3at)
- Alarm I/O: 2/1, audio I/O: 1/1
- IP67 ingress protection
- IK10 vandal resistant

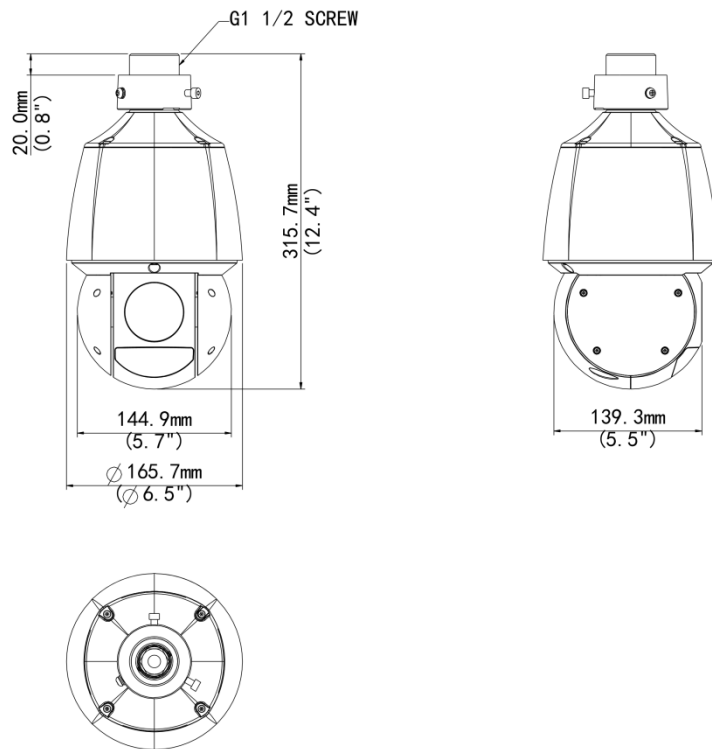
## Specifications

Model	IPC6424SR-X25-VF-B
<b>Camera</b>	
Sensor	1/2.8" CMOS
Min. Illumination	Color: 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
<b>Lens</b>	
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° to 2.74°
Field of View (V)	30.81° to 1.54°
Field of View (D)	64.20° to 3.23°
<b>DORI</b>	
DORI Distance (Lens)	4.8 to 120 mm
DORI Distance (Detect)	119.3 m to 2475.0 m (391.2 ft. to 8120.1 ft.)
DORI Distance (Observe)	47.7 m to 990.0 m (156.5 ft. to 3248.0 ft.)
DORI Distance (Recognize)	23.9 m to 495.0 m (78.2 ft. to 1624.0 ft.)
DORI Distance (Identify)	11.9 m to 247.5 m (39.1 ft. to 812.0 ft.)
<b>Video</b>	
Privacy Mask	24 areas, up to 4 areas per scene
Video Compression	Ultra 265, H.265, H.264, MJPEG
Frame Rate	Main Stream: 4 MP (2688 × 1520), max. 30 fps Sub Stream: 1080P (1920 × 1080), max. 30 fps Third Stream: D1 (720 × 576), max. 30 fps
Video Bit Rate	128 Kbps to 16 Mbps
U-code	Support
ROI	Support
Video Stream	Triple streams
OSD	Up to 10 OSDs
<b>Intelligent</b>	
Auto Tracking	Support, target filtering: human, non-motor vehicle and vehicle
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)
People Counting	Support people flow counting and crowd density detection
Exception Detection	Object removed, Object Left Behind
<b>Image</b>	
White Balance	Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2

Digital Noise Reduction	2D/3D DNR
Flip	Normal, Flip vertical, Flip horizontal, 180°
HLC	Support
BLC	Support
Smart IR	Support
Defog	Digital defog
Heatwave Reduction	Support
<b>Events</b>	
Basic Detection	Motion detection, Tampering alarm, Audio detection, Object removed, Object Left Behind
General Function	Watermark, IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, Alarm input, Alarm output
<b>Audio</b>	
Audio Compression	G.711U, G.711A
Audio Bitrate	128 Kbps
Two-way Audio	Support
Suppression	Support
Sampling Rate	16KHZ
<b>Storage</b>	
Edge Storage	MicroSD, up to 512 GB
Network Storage	ANR, NAS (NFS)
<b>Illuminator</b>	
IR On/Off Control	Auto/Manual
Wavelength	850 nm
Illumination Distance (IR)	100 m (328.1 ft.)
<b>Network</b>	
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	TLS 1.3, 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+
<b>PTZ</b>	
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
Pan Range	360° (endless)







Pan Speed	0.1°/s to 200°/s
Tilt Range	-15° to 90° (auto flip)
Tilt Speed	0.1°/s to 120°/s
<b>Interface</b>	
Audio I/O	1 Input: impedance 1 k $\Omega$ , amplitude 2.5 V [p-p], 1 Output: impedance 600 $\Omega$ , 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
Network	1 $\times$ RJ45 10 M/100 M Base-TX Ethernet
Video Output	1 BNC (for debugging)
<b>Certification</b>	
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)
<b>General</b>	
Power	DC 12 V ( $\pm$ 25%,3 A), PoE+ (IEEE 802.3at)
Power Consumption	Max. 21 W
Power Interface	$\varnothing$ 5.5 mm coaxial power plug
Dimensions	$\varnothing$ 162 mm $\times$ 293 mm ( $\varnothing$ 6.4" $\times$ 11.5") ( $\varnothing \times$ H)
Weight	3.05 kg (6.72 lb.)
Working Environment	-40 $^{\circ}$ C to 70 $^{\circ}$ C (-40 $^{\circ}$ F to 158 $^{\circ}$ F), Humidity: $\leq$ 95% RH (non-condensing)
Storage Environment	-40 $^{\circ}$ C to 70 $^{\circ}$ C (-40 $^{\circ}$ F to 158 $^{\circ}$ 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
<b>Configurable</b>	
P/N	Support

## Dimensions



## Accessories

<b>TR-UF45-A-IN</b> Dome Indoor Ceiling Mounting Pedestal	<b>TR-SE45-A-IN</b> Dome Ceiling Mounting Pole 500	<b>TR-SE45-IN</b> Dome Ceiling Mounting Pole 200
<b>TR-CE45-IN</b> Dome Indoor Ceiling Mounting Bracket	<b>TR-WE45-IN</b> Dome Wall Mounting Bracket	<b>TR-WE45-A-IN</b> Long Wall Mounting Bracket for Dome

<p><b>TR-WE45-B-IN</b> Dome Gooseneck Bracket</p>	<p><b>TR-JB12-IN</b> Dome Junction Box</p>	<p><b>TR-UP08-A-IN</b> Dome Pole Mounting Bracket</p>
		
<p><b>TR-UP08-B-IN</b> Aluminium Alloy Pole Mounting Bracket</p>	<p><b>TR-UC08-A-IN</b> Dome Corner Mounting Bracket</p>	<p><b>TR-UC08-B-IN</b> Aluminium Alloy Corner Mounting Bracket</p>
		

# Unlimited New View

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