

# 4MP 41X LightHunter Intelligent Network Positioning System

IPC7624ER-X41-VH1



## Features

- 2688 × 1520@60fps in the main stream
- 41X Optical Zoom
- Smart intrusion prevention, Supports false alarm filtering: Cross line detection, Intrusion detection, Enter area detection
- Leave area detection
- automatic selection of best snapshots, supports face detection masked area
- People Counting, Supports people flow counting and crowd density monitoring
- Support Optical defog, Self-adaptive defog
- Lighthunter technology ensures ultra-high image quality in low illumination environment
- Smart IR, up to 400m (1312ft) IR distance
- Rain-sensing auto wiper
- Power supply: DC ± 48V ± 25%, DC 24V ± 15% (DC20V~DC60V), AC 24V ± 25%
- Alarm 7 in and 2 out, Audio 1 in and 1 out
- IP67 ingress protection

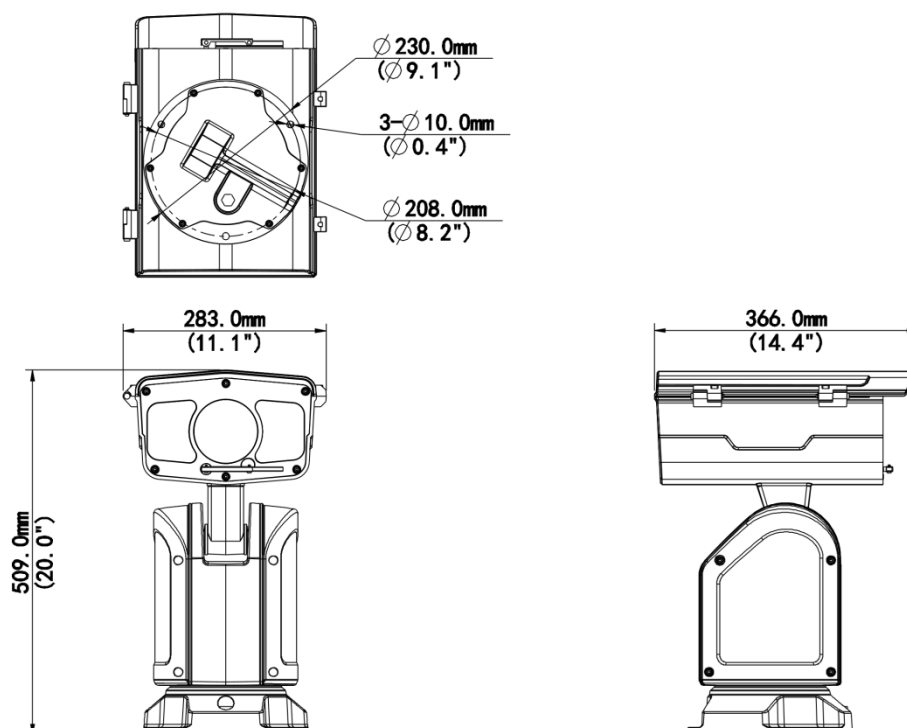
## Specifications

Model	IPC7624ER-X41-VH1
Camera	
Sensor	1/1.8" CMOS
Min. Illumination	Colour: 0.0005Lux (F1.2, AGC ON) 0Lux 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	
Focal Length	6~246mm
Digital Zoom	16X
Optical Zoom	41X
Iris	F1.2(W)~F4.6(T)
Field of View (H)	59.47°(W)~2.21°(T)
Field of View (V)	35.62°(W)~1.21°(T)
Field of View (D)	77.3°(W)~2.6°(T)
DORI	
DORI Distance (Lens)	6~246mm
DORI Distance (Detect)	107.2m-3330m (351ft-10927ft)
DORI Distance (Observe)	42m-1332m(140ft-4370ft)
DORI Distance (Recognize)	21m-666m(70ft-2185ft)
DORI Distance (Identify)	10m-333m(35ft-1092ft)
Illuminator	
Illumination Distance (IR)	400 m (1312.3 ft)
IR On/Off Control	Auto/Manual
Wavelength	850 nm
Video	
Privacy Mask	24 areas, up to 8 areas per scene
Video Compression	Ultra 265, H.265, H.264, MJPEG
Frame Rate	Main Stream: 4MP (2688*1520), Max 60fps; Sub Stream: 2MP (1920*1080), Max 60fps; Third Stream: D1 (720*576), Max 60fps;
Video Bit Rate	128Kbps~16384Kbps
U-code	Support
ROI	Support
Video Stream	Triple streams
OSD	Up to 10 OSDs
Intelligent	
People Counting	Support people flow counting and crowd density monitoring

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)
Multi-target Detection	Support
Image	
Defog	Support
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
Events	
Basic Detection	Motion detection, Ultra motion detection, Tampering alarm, Audio detection, Voltage detection, Object removed, Object Left Behind
General Function	Watermark, IP address filtering, Alarm input, Alarm output, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication
Audio	
Audio Compression	G.711U, G.711A
Audio Bitrate	128 Kbps
Two-way Audio	Support
Suppression	Support
Sampling Rate	16KHZ
Storage	
Edge Storage	Micro SD, up to 512 GB
Network Storage	ANR, NAS (NFS)
PTZ	
Pan Range	360° (endless)
Pan Speed	0.1°/s~140°/s
Tilt Range	+45°~-90°
Tilt Speed	0.1°/s ~ 50°/s
Number of Presets	1024
Route Patrol	16 patrols, up to 32 actions for each patrol
Recorded Patrol	Support
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
Network	
User/Host	Up to 32 users. 3 user levels: administrator, common user and operator
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, 802.1x, SNMP, QoS, RTMP, SSL/TLS, IPv6
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK

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, UNV-Link, UNV-Link Pro
Web Browser	Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above
Interface	
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	7/2
Serial Port	1 * RS485
Network	1 $\times$ RJ45 1000 M Base-TX Ethernet
Video Output	1 BNC (for debugging)
Certification	
EMC	CE-EMC (EN 55032:2015, EN 50130-4:2011+A1:2014, EN 61000-3-2:2014, EN 61000-3-3:2013) FCC (FCC CFR 47 part 15 B, ANSI C63.4-2014)
Safety	CE LVD (EN IEC 62368-1:2020+A11:2020) UL (UL UL 62368-1, 3rd Ed., 2021-10-22)
Environment	CE-ROHS (2011/65/EU; (EU)2015/863)
Protection	IP67 (IEC 60529:1989+AMD1:1999+AMD2:2013)
General	
Power	DC $\pm$ 48V $\pm$ 25%, DC 24V $\pm$ 15% (DC20V~DC60V), AC 24V $\pm$ 25%
Power Consumption	Max 103W
Power Interface	Wires with cold-pressed terminal
Dimensions	366 x 283 x 509mm (14.4" x 11.1" x 20.0") (L*W*H)
Weight	14.76Kg
Working Environment	-40°C ~ 70°C (-40°F ~ 158°F), Humidity: $\leq$ 95% RH (non-condensing)
Storage Environment	-40°C ~ 70°C (-40°F ~ 158°F), Humidity: $\leq$ 95% RH (non-condensing)
Surge Protection	6 KV
Reset Button	Support

## Dimensions



## Accessories

TR-WM08-B

Wall Mounting Bracket for Explosion-proof

Pan-Tilt



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