2MP 45X LightHunter Intelligent Network Positioning System
IPC7622ER-X45-VH1

| Optical defog | IP67 | Automatic wiper | 6kV | Edge storage |
| Gyroscope | Lighthunter | Smart IR | WDR | Ultra 265 |

Features

- 1920 × 1080@60 fps in the main stream
- 45X 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
- Supports optical defog, self-adaptive defog
- LightHunter technology ensures ultra-high image quality in low illumination environment
- Smart IR, up to 400 m (1312.3 ft) IR distance
- Rain-sensing auto wiper
- Power supply: DC±48 V±25%, DC 24 V±15% (DC 20 V to DC 60 V), AC 24 V±25%
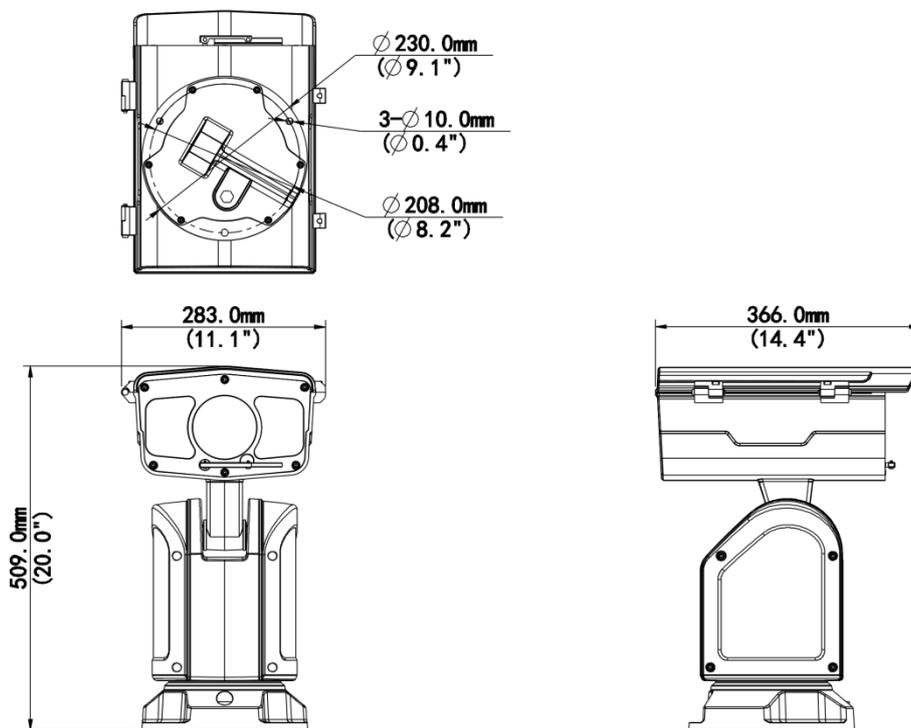- Alarm I/O: 7/2, audio I/O: 1/1
- IP67 ingress protection

Specifications

Model	IPC7622ER-X45-VH1
Camera	
Sensor	1/1.8" CMOS
Min. Illumination	Color: 0.0005 Lux (F1.2, 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	>52 dB
Lens	
Focal Length	5.7 to 256.5 mm
Digital Zoom	16X
Optical Zoom	45X
Iris	F1.2(W)~F4.6(T)
Field of View (H)	59.47° (W) to 2.21° (T)
Field of View (V)	35.62° (W) to 1.21° (T)
Field of View (D)	77.3° (W) to 2.6° (T)
DORI	
DORI Distance (Lens)	5.7 to 256.5 mm
DORI Distance (Detect)	107.2 m to 3330 m (351.7 ft. to 10925.2 ft.）
DORI Distance (Observe)	42 m to 1332 m (140 ft. to 4370 ft.)
DORI Distance (Recognize)	21.0 m to 666 m (68.9 ft. to 2185.0 ft.)
DORI Distance (Identify)	10.0 m to 333.0 m (32.8 ft. to 1092.5 ft.)
Video	
Privacy Mask	24 areas, up to 8 areas per scene
Video Compression	Ultra 265, H.265, H.264, MJPEG
Frame Rate	Main Stream: 1080P (1920 × 1080), max. 60 fps; Sub Stream : 1080P (1920 × 1080), max. 60 fps; Third Stream : D1 (720 × 576), max. 60 fps
Video Bit Rate	128Kbps～16384Kbps
U-code	Support
ROI	Support
Video Stream	Triple streams
OSD	Up to 10 OSDs
Intelligent	
Multi-target Detection	Support
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 monitoring
Image	
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
Defog	Support
Image Stabilization	EIS (Gyroscope)
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	MicroSD, up to 512 GB
Network Storage	ANR, NAS (NFS)
Illuminator	
IR On/Off Control	Auto/Manual
Wavelength	850 nm
Illumination Distance (IR)	400 m (1312.3 ft.)
Network	
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
User/Host	Up to 32 users. 3 user levels: administrator,common user and operator
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
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	Support
Patrol Stay Time	15 s to 1800 s
Preset Image Freeze	Support
Home Position	Support
Pan Range	360° (endless)

Tilt Range	45° to -90°
Pan Speed	0.1°/s to 140°/s
Tilt Speed	0.1°/s to 50°/s
Interface	
Audio I/O	1 Input: impedance 1 kΩ, amplitude 2.5 V [p-p], 1 Output: impedance 600 Ω, amplitude 2.5 V [p-p]
Alarm I/O	7/2
Serial Port	1 * RS485
Network	1 × 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 part15 B, ANSI C63.4-2014)
Safety	CE LVD (EN IEC 62368-1:2020+A11:2020)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±48 V±25%, DC 24 V±15% (DC 20 V to DC 60 V), AC 24 V±25%
Power Consumption	Max. 103 W
Power Interface	Wires with cold-pressed terminal
Dimensions	366 mm × 283 mm × 509 mm (14.4" × 11.1" × 20.0") (L × W × H)
Weight	14.76 kg (32.54 lb.)
Working Environment	-40℃ ~ 70℃ (-40°F ~ 158°F), Humidity: ≤95% RH (non-condensing)
Storage Environment	-40℃ ~ 70℃ (-40°F ~ 158°F), Humidity: ≤95% RH (non-condensing)
Surge Protection	6 KV
Reset Button	Support
Configurable	
P/N	Support

Dimensions

Ø230. 0mm
(Ø9. 1")

3—Ø10. 0mm
(Ø0. 4")

Ø208. 0mm
(Ø8. 2")

283. 0mm
(11. 1")

509. 0mm
(20. 0")

366. 0mm
(14. 4")

Accessories

TR-WM08-B

Wall Mounting Bracket for Explosion-proof

Pan-Tilt

Zhejiang Uniview Technologies Co., Ltd.

http://www.uniview.com

overseasbusiness@uniview.com; globalsupport@uniview.com

No. 369, Xietong Road, Xixing Sub-district, Binjiang District, Hangzhou City, 310051, Zhejiang Province, China
(Zhejiang) Pilot Free Trade Zone, China