2MP 44X LightHunter Intelligent Network Positioning System

IPC7622ER-X44-VF

Features

- High quality image with 2MP,1/2.8″ CMOS sensor

- 1920*1080@60fps in the main stream

- Triple streams

- 44X 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

- 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
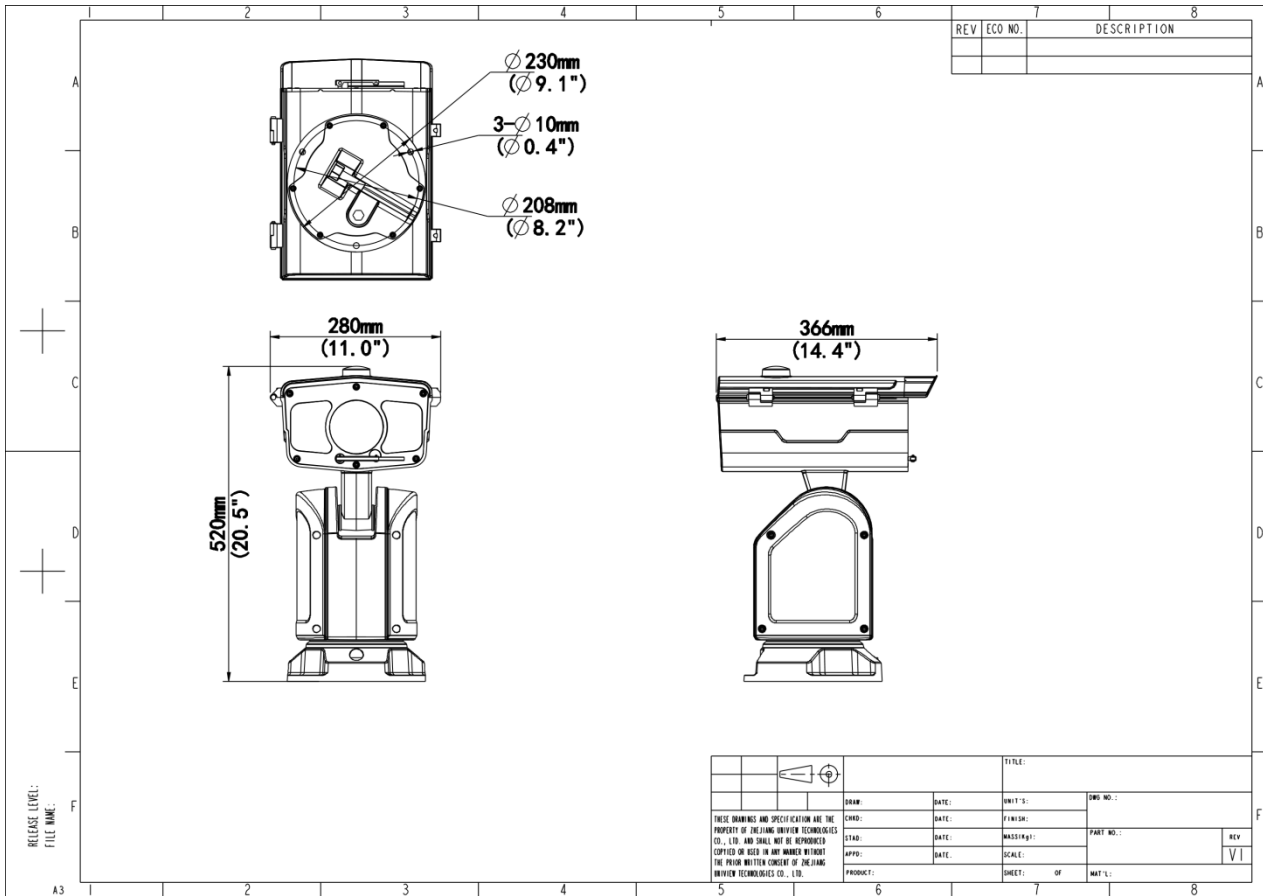
- IP67 ingress protection

Specifications

Model	IPC7622ER-X44-VF
Camera	
Sensor	1/2.8" 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	>52 dB
Lens	
Focal Length	5 to 220 mm
Digital Zoom	16X
Optical Zoom	44X
Iris	F1.2 to F3.5
Field of View (H)	60.6° ~ 1.8°
Field of View (V)	36.4° ~ 1.0°
Field of View (D)	74.5° ~ 2.1°
DORI	
DORI Distance (Lens)	5~220(mm)
DORI Distance (Detect)	77.6m~2793.1m(254.5ft~9163.7ft)
DORI Distance (Observe)	31.0m~1117.2m(101.8ft~3665.5ft)
DORI Distance (Recognize)	15.5m~558.6m(50.9ft~1832.7ft)
DORI Distance (Identify)	7.8m~279.3m(25.5ft~916.4ft)
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 4 areas per scene

Video Compression	Ultra 265, H.265, H.264, MJPEG
Frame Rate	Main Stream: 2MP (1920*1080), Max 60fps Sub Stream: 2MP (1920*1080), Max 60fps Third Stream: D1 (720*576), Max 60fps
Video Bit Rate	128 Kbps to 16 Mbps
U-code	Support
ROI	Support
Video Stream	Triple Streams
OSD	Up to 10 OSDs
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
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
Intelligent	
Exception Detection	Object Removed, Object Left Behind
Auto Tracking	Support
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)
Image	
Defog	Digital Defog, Optical Defog
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
Heatwave Reduction	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

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 256 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+

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
Built-in Mic	N/A

Built-in Speaker	N/A
WIFI	N/A
Network	1 × RJ45 1000 M Base-TX Ethernet
Video Output	1 BNC (For debugging)

Certification	
EMC	CE-EMC (EN 55032:2015, EN55024:2010+A1:2015, EN 61000-3-2:2014, EN 61000-3-3:2013) FCC (FCC CFR 47 part15 B, ANSI C63.4-2014)
Safety	CE LVD (EN 62368-1:2014+A11:2017) UL (UL 62368-1-14, 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)

General	
Power	DC ±48V±25%, DC 24V±15% (DC20V~DC60V), AC 24V±25%
Power Consumption	Max 103W
Power Interface	Wires with cold-pressed terminal
Dimensions	280 x 366 x 520 mm (11.0" x 14.4" x 20.5") (L x W x H)
Weight	14.1kg(31.08lb)
Working Environment	-40 ℃ to 70 ℃ (-40 ℉ to 158 ℉), Humidity: ≤ 95% RH (non-condensing)
Storage Environment	-40 ℃ to 70 ℃ (-40 ℉ to 158 ℉), Humidity: ≤ 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

TR-WM08-B

Wall Mounting Bracket for Explosion-
proof Pan-Tilt

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