

## 2MP 33X LightHunter Network PTZ Dome Camera IPC6622SR-X33-VF



## Features

- High quality image with 1080P, 1/2.8" CMOS sensor
- 1920 × 1080@60 fps in the main stream
- Ultra 265, H.265, H.264, MJPEG
- 33X 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 150 m (492.1 ft) IR distance
- AC 24 V±25%, DC 24 V±25%, PoE power supply
- Alarm I/O: 2/1, audio I/O: 1/1
- IP66 ingress protection

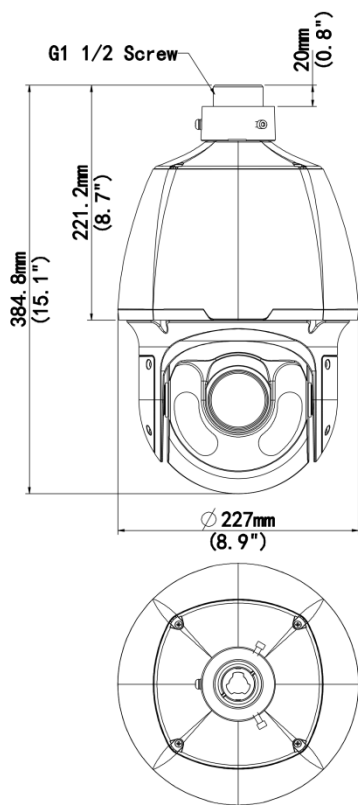
## Specifications

| Model                     | IPC6622SR-X33-VF                                                                                                                           |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Camera</b>             |                                                                                                                                            |
| Sensor                    | 1/2.8" CMOS                                                                                                                                |
| Min. Illumination         | Color: 0.001 Lux (F1.5, 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                                                                                                                                     |
| <b>Lens</b>               |                                                                                                                                            |
| Focal Length              | 4.5 to 148.5 mm                                                                                                                            |
| Optical Zoom              | 33X                                                                                                                                        |
| Digital Zoom              | 16X                                                                                                                                        |
| Iris                      | F1.5 to F4.0                                                                                                                               |
| Field of View (H)         | 56.2° to 2.6°                                                                                                                              |
| Field of View (V)         | 33.5° to 1.4°                                                                                                                              |
| Field of View (D)         | 69.1° to 3.1°                                                                                                                              |
| <b>DORI</b>               |                                                                                                                                            |
| DORI Distance (Lens)      | 4.5 to 148.5 mm                                                                                                                            |
| DORI Distance (Detect)    | 72.9 m to 2187.9 m (239.2 ft. to 7178.2 ft.)                                                                                               |
| DORI Distance (Observe)   | 29.2 m to 875.2 m (95.7 ft. to 2871.3 ft.)                                                                                                 |
| DORI Distance (Recognize) | 14.6 m to 437.6 m (47.9 ft. to 1435.7 ft.)                                                                                                 |
| DORI Distance (Identify)  | 7.3 m to 218.8 m (24.0 ft. to 717.8 ft.)                                                                                                   |
| <b>Video</b>              |                                                                                                                                            |
| Video Compression         | Ultra 265, H.265, H.264, MJPEG                                                                                                             |
| Frame Rate                | Main Stream: 1080P (1920 × 1080), max. 60 fps<br>Sub Stream: 1080P (1920 × 1080), max. 60 fps<br>Third Stream: D1 (720 × 576), max. 60 fps |
| Video Bit Rate            | 128 Kbps to 16 Mbps                                                                                                                        |
| U-code                    | Support                                                                                                                                    |
| ROI                       | Support                                                                                                                                    |
| Video Stream              | Triple streams                                                                                                                             |
| Privacy Mask              | 24 areas, up to 4 areas per scene                                                                                                          |
| OSD                       | Up to 10 OSDs                                                                                                                              |
| <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                                                                                                                                    |

|                            |                                                                                                                                                                                                                     |
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| Suppression                | Support                                                                                                                                                                                                             |
| Sampling Rate              | 16KHZ                                                                                                                                                                                                               |
| Storage                    |                                                                                                                                                                                                                     |
| Edge Storage               | MicroSD, up to 512 GB                                                                                                                                                                                               |
| Network Storage            | ANR, NAS (NFS)                                                                                                                                                                                                      |
| Network                    |                                                                                                                                                                                                                     |
| User/Host                  | Up to 32 users. 3 user levels: administrator, common user and operator                                                                                                                                              |
| 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                                                                                                                                                        |
| 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+, Plug-in free live view: Chrome 57+, Firefox 58+, Edge 16+                                                                                    |
| Intelligent                |                                                                                                                                                                                                                     |
| Exception Detection        | Object removed, Object Left Behind                                                                                                                                                                                  |
| 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                                                                                                                                                           |
| PTZ                        |                                                                                                                                                                                                                     |
| Route Patrol               | 16 patrols, up to 32 actions for each patrol                                                                                                                                                                        |
| Recorded Patrol            | 16 patrols, up to 128 actions for each patrol                                                                                                                                                                       |
| Number of Presets          | 1024                                                                                                                                                                                                                |
| Preset Image Freeze        | Support                                                                                                                                                                                                             |
| Preset Patrol              | 16 patrols, up to 64 presets for each patrol                                                                                                                                                                        |
| Patrol Stay Time           | 15 s to 1800 s                                                                                                                                                                                                      |
| Home Position              | Support                                                                                                                                                                                                             |
| Pan Range                  | 360° (endless)                                                                                                                                                                                                      |
| Pan Speed                  | 0.1°/s to 200°/s                                                                                                                                                                                                    |
| Tilt Range                 | -15° to 90° (auto reverse)                                                                                                                                                                                          |
| Tilt Speed                 | 0.1°/s to 200°/s                                                                                                                                                                                                    |
| 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                                                                                                                                                                                                             |
| Smart IR                   | Support                                                                                                                                                                                                             |
| Defog                      | Digital defog                                                                                                                                                                                                       |
| Heatwave Reduction         | Support                                                                                                                                                                                                             |
| 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]                                                                                                                                                                   |
| WIFI                       | N/A                                                                                                                                                                                                                                                                                 |
| Alarm I/O                  | 2/1                                                                                                                                                                                                                                                                                 |
| Serial Port                | 1 * RS485                                                                                                                                                                                                                                                                           |
| Built-in Mic               | N/A                                                                                                                                                                                                                                                                                 |
| Built-in Speaker           | N/A                                                                                                                                                                                                                                                                                 |
| Network                    | 1 $\times$ RJ45 10 M/100 M Base-TX Ethernet                                                                                                                                                                                                                                         |
| Video Output               | 1 BNC (for debugging)                                                                                                                                                                                                                                                               |
| Illuminator                |                                                                                                                                                                                                                                                                                     |
| Illumination Distance (IR) | 150 m (492.1 ft.)                                                                                                                                                                                                                                                                   |
| IR On/Off Control          | Auto/Manual                                                                                                                                                                                                                                                                         |
| Wavelength                 | 850 nm                                                                                                                                                                                                                                                                              |
| Certification              |                                                                                                                                                                                                                                                                                     |
| EMC                        | CE-EMC (EN 55032:2015+A11:2020; EN IEC 61000-3-2:2019; EN 61000-3-3:2013+A1:2019; EN 55035:2017+A11:2020)<br>FCC (FCC CFR 47 part15 B, ANSI C63.4-2014)                                                                                                                             |
| Safety                     | CE LVD (EN 62368-1:2014+A11:2017)<br>UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01)                                                                                                                                                                                               |
| Environment                | CE-ROHS (2011/65/EU;(EU)2015/863)                                                                                                                                                                                                                                                   |
| Protection                 | IP66 (IEC 60529:1989+AMD1:1999+AMD2:2013)                                                                                                                                                                                                                                           |
| General                    |                                                                                                                                                                                                                                                                                     |
| Power                      | AC 24 V $\pm$ 25%, DC 24 V $\pm$ 25%, PoE (PSE Required)                                                                                                                                                                                                                            |
| Power Consumption          | Max. 53.72 W                                                                                                                                                                                                                                                                        |
| Power Interface            | Wires with cold-pressed terminal                                                                                                                                                                                                                                                    |
| Dimensions                 | $\varnothing$ 227 mm $\times$ 384.8 mm ( $\varnothing$ 8.9" $\times$ 15.1") ( $\varnothing \times H$ )                                                                                                                                                                              |
| Weight                     | 5.39 kg (11.88 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 |
| Heater                     | Support                                                                                                                                                                                                                                                                             |

## Dimensions



## Accessories

### TR-CE45-IN-BLACK

Dome Indoor Ceiling Mounting Bracket

### TR-WE45-IN

Dome Wall Mounting Bracket

### TR-UF45-A-IN

Dome Indoor Ceiling Mounting Pedestal



### TR-SE45-A-IN

Dome Ceiling Mounting Pole 500



### TR-SE45-IN

Dome Ceiling Mounting Pole 200



### TR-CE45-IN

Dome Indoor Ceiling Mounting Bracket



TR-WE45-IN

Dome Wall Mounting Bracket



TR-WE45-A-IN

Long Wall Mounting Bracket for Dome



TR-JB12-IN

Dome Junction Box



TR-WE45-B-IN

Dome Gooseneck Bracket



TR-UP08-A-IN

Dome Pole Mounting Bracket



TR-UP08-B-IN

Aluminium Alloy Pole Mounting Bracket



TR-UC08-A-IN

Dome Corner Mounting Bracket



TR-UC08-B-IN

Aluminium Alloy Corner Mounting Bracket

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