

## 2MP 33X Lighthunter Network PTZ Dome Camera IPC6612SR-X33-VG



## Features

- High quality image with 1080P, 1/2.8" CMOS sensor
- 1920 × 1080@30 fps in the main stream
- Ultra 265, H.265, H.264, MJPEG
- 33X optical zoom allows for closer viewing of subjects
- Smart intrusion prevention, supports false alarm filtering, including cross line, intrusion, enter area, leave area detection
- automatic selection of best snapshots
- LightHunter technology ensures ultra-high image quality in low illumination environment
- Up to 120 dB optical WDR (wide dynamic range)
- DC 12 V, PoE+ (IEEE 802.3at) power supply
- Alarm I/O: 2/1, audio I/O: 1/1
- MicroSD, up to 512 GB
- Smart IR, up to 150 m (492.1 ft) IR distance
- IP66 ingress protection

## Specifications

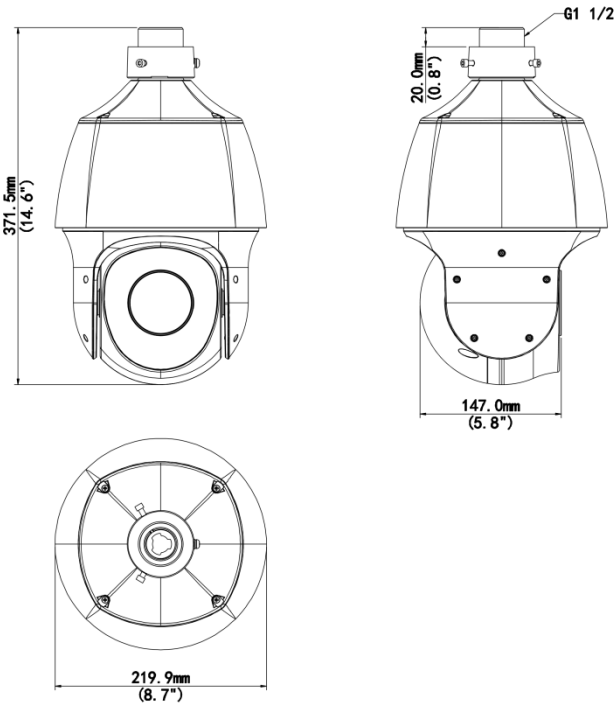
| Model             | IPC6612SR-X33-VG                               |
|-------------------|------------------------------------------------|
| Camera            |                                                |
| Sensor            | 1/2.8" CMOS                                    |
| Min. Illumination | 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 ~ 1/100000s                                                                                                                                                           |
| WDR                        | 120 dB                                                                                                                                                                               |
| S/N                        | >52 dB                                                                                                                                                                               |
| <b>Lens</b>                |                                                                                                                                                                                      |
| Focal Length               | 4.5 to 148.5 mm                                                                                                                                                                      |
| Optical Zoom               | 33X                                                                                                                                                                                  |
| Iris                       | F1.5 to F4.0                                                                                                                                                                         |
| Field of View (H)          | 56.23° to 2.57°                                                                                                                                                                      |
| Field of View (V)          | 33.46° to 1.44°                                                                                                                                                                      |
| Field of View (D)          | 69.16° to 3.03°                                                                                                                                                                      |
| <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 (4739 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>               |                                                                                                                                                                                      |
| Privacy Mask               | 24 areas, up to 4 areas per scene                                                                                                                                                    |
| Video Compression          | Ultra 265, H.265, H.264, MJPEG                                                                                                                                                       |
| Frame Rate                 | Main Stream: 1080P (1920 × 1080), max. 30 fps<br>Sub Stream: 720P (1280 × 720), max. 30 fps<br>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 8 OSDs                                                                                                                                                                         |
| <b>Intelligent</b>         |                                                                                                                                                                                      |
| 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                                                                                                                            |
| 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>Illuminator</b>         |                                                                                                                                                                                      |

|                            |                                                                                                                                                                                                                     |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Light On/Off Control       | Auto/Manual                                                                                                                                                                                                         |
| Wavelength                 | 850 nm                                                                                                                                                                                                              |
| Illumination Distance (IR) | 150 m (492.1 ft.)                                                                                                                                                                                                   |
| <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>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), 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)                                                                                                                                                                                                      |
| Tilt Range                 | -15° to 90° (auto reverse)                                                                                                                                                                                          |
| Pan Speed                  | 2°/s to 75°/s                                                                                                                                                                                                       |
| Tilt Speed                 | 2°/s to 75°/s                                                                                                                                                                                                       |
| <b>Interface</b>           |                                                                                                                                                                                                                     |
| 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                  | 2/1                                                                                                                                                                                                                 |
| Serial Port                | 1 * RS485                                                                                                                                                                                                           |
| Built-in Mic               | N/A                                                                                                                                                                                                                 |

|                     |                                                                                                                                                                                                                                                                                     |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Built-in Speaker    | N/A                                                                                                                                                                                                                                                                                 |
| WIFI                | N/A                                                                                                                                                                                                                                                                                 |
| Network             | 1 × RJ45 10 M/100 M Base-TX Ethernet                                                                                                                                                                                                                                                |
| Video Output        | N/A                                                                                                                                                                                                                                                                                 |
| 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 62368-1-14, 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)<br>IK10 (IEC 62262, Anti-Vandalism Except for the Front Window)                                                                                                                                                                           |
| General             |                                                                                                                                                                                                                                                                                     |
| Power               | DC 12 V±10%, PoE+ (IEEE 802.3at)                                                                                                                                                                                                                                                    |
| Power Consumption   | Max. 25 W                                                                                                                                                                                                                                                                           |
| Power Interface     | Ø5.5 mm coaxial power plug                                                                                                                                                                                                                                                          |
| Dimensions          | Ø220 mm × 370 mm (Ø8.7" × 14.6") (Ø × H)                                                                                                                                                                                                                                            |
| Weight              | 3.4 kg (7.48 lb.)                                                                                                                                                                                                                                                                   |
| Working Environment | -40°C~65°C(-40°F ~ 149°F), Humidity: ≤95% RH (non-condensing)                                                                                                                                                                                                                       |
| Storage Environment | -40 °C to 70 °C (-40 °F to 158 °F), Humidity: ≤ 95% RH (non-condensing)                                                                                                                                                                                                             |
| Surge Protection    | 6 KV                                                                                                                                                                                                                                                                                |
| Reset Button        | Support                                                                                                                                                                                                                                                                             |
| Heater              | 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 |
| Configurable        |                                                                                                                                                                                                                                                                                     |
| P/N                 | Support                                                                                                                                                                                                                                                                             |

## Dimensions



# Accessories

**TR-UF45-A-IN**

Dome Indoor Ceiling Mounting Pedestal



**TR-CE45-IN**

Dome Indoor Ceiling Mounting Bracket



**TR-JB12-IN**

Dome Junction Box



**TR-SE45-A-IN**

Dome Ceiling Mounting Pole 500



**TR-WE45-IN**

Dome Wall Mounting Bracket



**TR-WE45-B-IN**

Dome Gooseneck Bracket



**TR-SE45-IN**

Dome Ceiling Mounting Pole 200



**TR-WE45-A-IN**

Long Wall Mounting Bracket for Dome



**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



**Zhejiang Uniview Technologies Co., Ltd.**



<http://www.uniview.com>



[overseasbusiness@uniview.com](mailto:overseasbusiness@uniview.com); [globalsupport@uniview.com](mailto:globalsupport@uniview.com)



No. 369, Xietong Road, Xixing Sub-district, Binjiang District, Hangzhou City, 310051, Zhejiang Province, China



©2023-2025 Zhejiang Uniview Technologies Co., Ltd. All rights reserved.

\*Product specifications and availability are subject to change without notice.

\*Despite our best efforts, technical or typographical errors may exist in this document.

Uniview cannot be held responsible for any such errors and reserves the right to change the contents of this document without prior notice.