

## 2MP 25X LightHunter Network PTZ Camera IPC6612SR-X25-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
- 25X 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

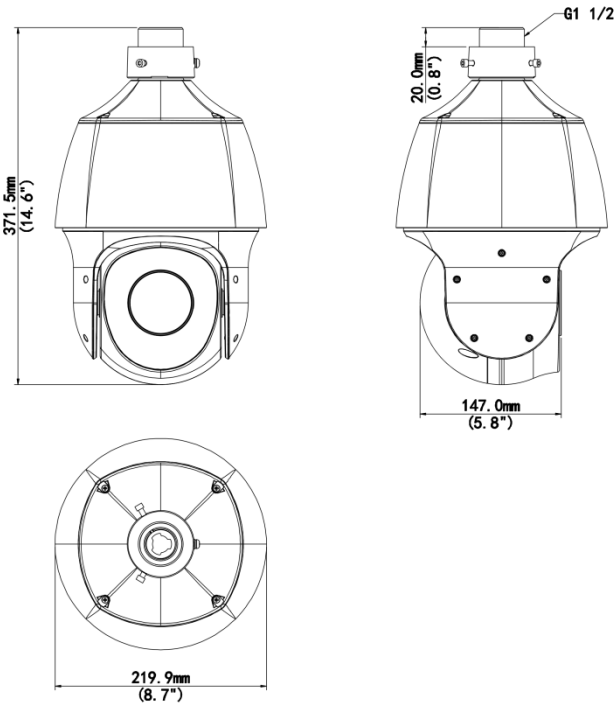
| Model             | IPC6612SR-X25-VG                               |
|-------------------|------------------------------------------------|
| Camera            |                                                |
| Sensor            | 1/2.8" CMOS                                    |
| Min. Illumination | 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                                                                                                                                                                               |
| Lens                       |                                                                                                                                                                                      |
| Focal Length               | 5 to 125 mm                                                                                                                                                                          |
| Optical Zoom               | 25X                                                                                                                                                                                  |
| Iris                       | F1.5 to F3.0                                                                                                                                                                         |
| Field of View (H)          | 54.37° to 2.68°                                                                                                                                                                      |
| Field of View (V)          | 32.23° to 1.51°                                                                                                                                                                      |
| Field of View (D)          | 66.88° to 3.16°                                                                                                                                                                      |
| DORI                       |                                                                                                                                                                                      |
| DORI Distance (Lens)       | 5 to 125 mm                                                                                                                                                                          |
| DORI Distance (Detect)     | 85.3 m to 1706.9 m (280.0 ft. to 5600.1 ft.)                                                                                                                                         |
| DORI Distance (Observe)    | 34.1 m to 682.8 m (112.0 ft. to 2240.0 ft.)                                                                                                                                          |
| DORI Distance (Recognize)  | 17.1 m to 341.4 m (56.1 ft. to 1120.1 ft.)                                                                                                                                           |
| DORI Distance (Identify)   | 8.5 m to 170.7 m (28.0 ft. to 560.0 ft.)                                                                                                                                             |
| Video                      |                                                                                                                                                                                      |
| 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                                                                                                                                                                         |
| Intelligent                |                                                                                                                                                                                      |
| 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                                                                                                                                                   |
| 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                                                                                                                                                                              |
| Illuminator                |                                                                                                                                                                                      |

|                            |                                                                                                                                                                                                                     |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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, Alarm input, Alarm output, Access policy, ARP protection, RTSP authentication, User authentication                                                                                 |
| <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)                                                                                                                                                                                                                                           |
| 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              | 3.3 kg (7.26 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



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