

4MP 33X LightHunter Network PTZ Dome Camera IPC6624SR-X33-VF



Features

- High quality image with 4 MP, 1/2.8" CMOS sensor
- 2688 × 1520@30 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+ (IEEE 802.3at) power supply
- Alarm I/O: 2/1, audio I/O: 1/1
- IP66 ingress protection

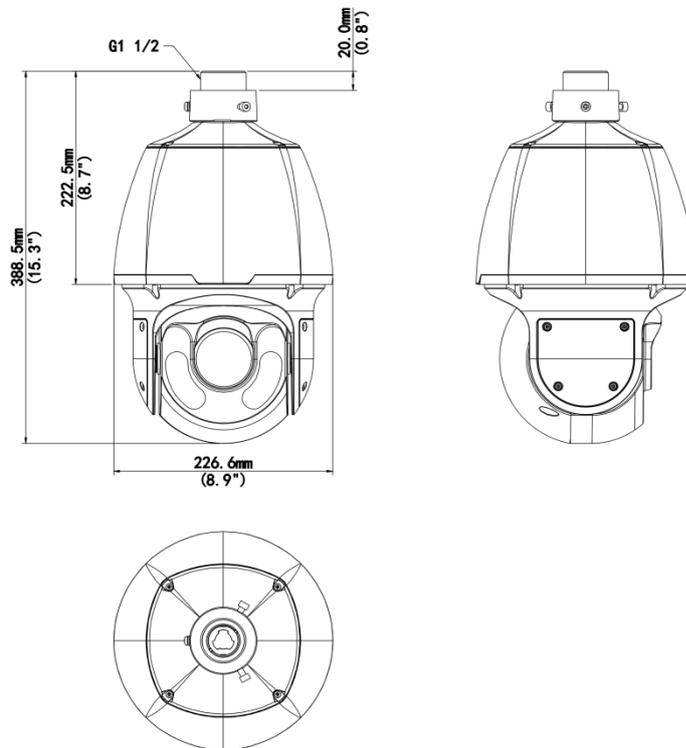
Specifications

| Model | IPC6624SR-X33-VF |
|---------------------------|---|
| Camera | |
| Sensor | 1/2.8" CMOS |
| Min. Illumination | Color: 0.003 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 | >56 dB |
| Lens | |
| Focal Length | 4.5 to 148.5 mm |
| Optical Zoom | 33X |
| Digital Zoom | 16X |
| Iris | F1.5 to F4.0 |
| Field of View (H) | 51.4° to 2.5° |
| Field of View (V) | 30.3° to 1.4° |
| Field of View (D) | 63.2° to 3.0° |
| DORI | |
| DORI Distance (Lens) | 4.5 to 148.5 mm |
| DORI Distance (Detect) | 105.8 m to 3172.5 m (346.9 ft. to 10408.5 ft.) |
| DORI Distance (Observe) | 42.3 m to 1269.0 m (138.8 ft. to 4163.4 ft.) |
| DORI Distance (Recognize) | 21.2 m to 634.5 m (69.4 ft. to 2081.7 ft.) |
| DORI Distance (Identify) | 10.6 m to 317.3 m (34.8 ft. to 1041.0 ft.) |
| Video | |
| Video Compression | Ultra 265, H.265, H.264, MJPEG |
| Frame Rate | Main Stream: 4 MP (2688 × 1520), max. 30 fps Sub Stream: 1080P (1920 × 1080), max. 30 fps 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 |
| Privacy Mask | 24 areas, up to 4 areas per scene |
| OSD | Up to 10 OSDs |
| Events | |
| 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 |
| 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) |
| 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+ |
| Intelligent | |
| Exception Detection | Object removed, Object Left Behind |
| Auto Tracking | Support, target filtering: human, non-motor vehicle and vehicle |
| 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 Ω , amplitude 2.5 V [p-p], 1 Output: impedance 600 Ω , 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) FCC (FCC CFR 47 part15 B, ANSI C63.4-2014) |
| Safety | CE LVD (EN 62368-1:2014+A11:2017) UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01) |
| Protection | IP66 (IEC 60529:1989+AMD1:1999+AMD2:2013) |
| General | |
| Power | AC 24 V \pm 25%, DC 24 V \pm 25%, PoE+ (IEEE 802.3 at) |
| Power Consumption | Max. 25 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 | 5.28 kg (11.64 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-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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