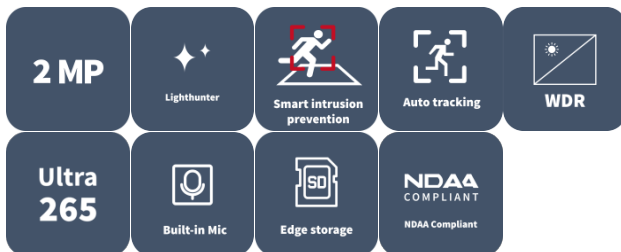


# 2MP LightHunter IR Network PTZ Camera IPC6312LR-AX4-VG



## Features

- High quality image with 1080P, 1/2.7" CMOS sensor
- Ultra 265, H.265, H.264, MJPEG
- Smart intrusion prevention, supports false alarm filtering, including cross line, intrusion, enter area, leave area detection
- automatic selection of best snapshots
- 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
- Up to 120 dB optical WDR (wide dynamic range)
- Built-in mic and speaker
- Smart IR, up to 50 m (164.0 ft) IR distance
- MicroSD, up to 256 GB
- IP66 protection
- DC 12 V, PoE (IEEE 802.3af) power supply

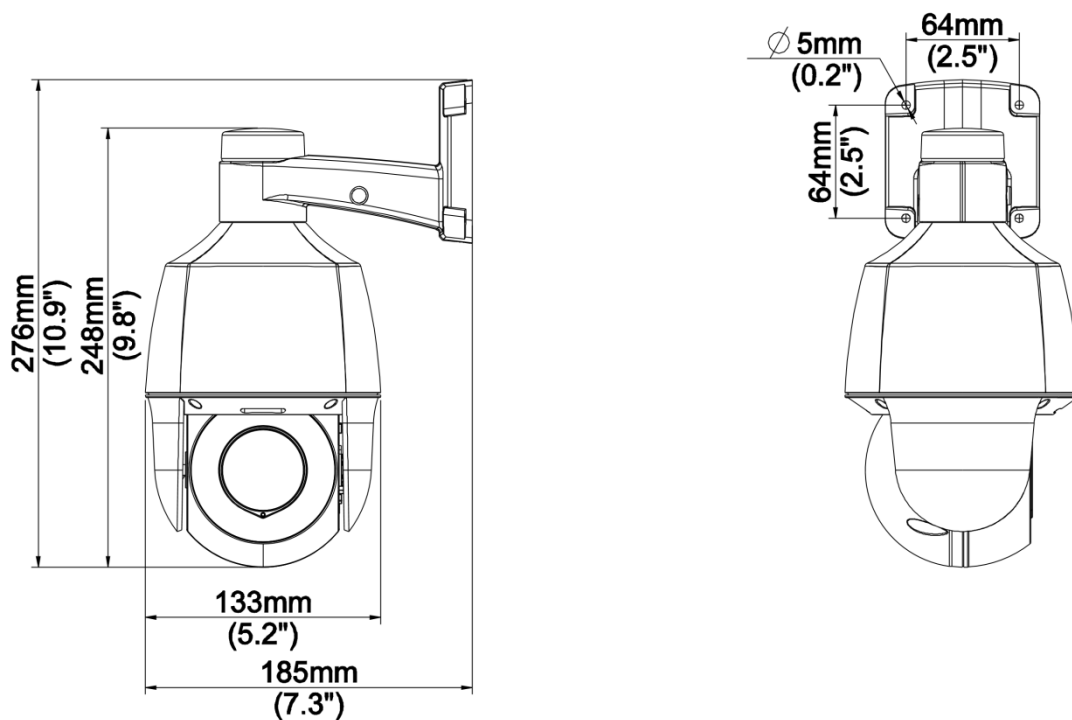
## Specifications

| Model                      | IPC6312LR-AX4-VG   |
|----------------------------|--|
| <b>Camera</b>              |  |
| Sensor                     | 1/2.7" CMOS  |
| Min. Illumination          | Color: 0.002 Lux (F1.6, AGC ON), 0 Lux with IR on  |
| 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               | 2.8 to 12 mm   |
| Optical Zoom               | 4X   |
| Iris                       | F1.6   |
| Field of View (H)          | 105.2° to 29.32°   |
| Field of View (V)          | 52.6° to 16.38°  |
| Field of View (D)          | 108.7° to 33.3°  |
| <b>DORI</b>                |  |
| DORI Distance (Lens)       | 2.8 to 12 mm   |
| DORI Distance (Detect)     | 43.4 m to 186.2 m (142.4 ft. to 610.9 ft.)   |
| DORI Distance (Observe)    | 17.4 m to 74.5 m (57.1 ft. to 244.4 ft.)   |
| DORI Distance (Recognize)  | 8.7 m to 37.2 m (28.5 ft. to 122.1 ft.)  |
| DORI Distance (Identify)   | 4.3 m to 18.6 m (14.1 ft. to 61.0 ft.)   |
| <b>Illuminator</b>         |  |
| IR On/Off Control          | Auto/Manual  |
| Illumination Distance (IR) | 50 m (164.0 ft.)   |
| Wavelength                 | 850 nm   |
| <b>Video</b>               |  |
| Privacy Mask               | Up to 4 areas  |
| 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  |
| ROI                        | Support  |
| Video Stream               | Triple streams   |
| OSD                        | Up to 8 OSDs   |
| <b>Intelligent</b>         |  |
| Exception Detection        | Object removed, Object Left Behind, Scene change, Defocus detection  |
| Auto Tracking              | Support, target filtering: human only  |
| 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 detection   |







| 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      | N/A  |
| Events                  |  |
| Basic Detection         | Motion detection, Tampering alarm, Audio detection, Object removed, Object Left Behind, Scene change, Defocus detection                                  |
| General Function        | Watermark, IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication   |
| Audio                   |  |
| Audio Compression       | G.711U, G.711A   |
| Two-way Audio           | Support  |
| Suppression             | Support  |
| Sampling Rate           | 16KHZ  |
| Storage                 |  |
| Edge Storage            | MicroSD, up to 512 GB  |
| Network Storage         | ANR, NAS (NFS)   |
| Network                 |  |
| Protocols               | SSH, IGMP, RTP, RTCP, SMTP, IPv4, IPv6, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTSP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, 802.1x, SNMP, QoS, SSL/TLS |
| Compatible Integration  | ONVIF (Profile S, Profile G, Profile T), API, SDK  |
| Client                  | EZStation, UNV-Link, UNV-Link Pro  |
| Web Browser             | Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+  |
| PTZ                     |  |
| Number of Presets       | 256  |
| Preset Patrol           | 16 patrols, up to 64 presets for each patrol   |
| Patrol Stay Time        | 120 s to 1800 s  |
| Home Position           | Support  |
| Pan Range               | 0° to 345°   |
| Pan Speed               | 1°/s to 50°/s  |
| Tilt Range              | -10° to 110°   |
| Tilt Speed              | 1°/s to 40°/s  |
| Interface               |  |
| Built-in Mic            | Support  |
| Built-in Speaker        | Support  |
| Network                 | 1 × RJ45 10 M/100 M Base-TX Ethernet   |
| Certification           |  |
| EMC                     | CE-EMC (EN55032:2015, EN55024:2010+A1:2015, EN55035:2017, EN61000-3-2:2014,  |

|                     |   |
|---------------------|---|
|                     | EN61000-3-3:2013<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)   |
| <b>General</b>      |   |
| Power               | DC 12 V (±25%), PoE (IEEE 802.3af)  |
| Power Consumption   | Max. 15 W   |
| Power Interface     | Ø5.5 mm coaxial power plug  |
| Dimensions          | 133 mm × 185 mm × 276 mm (5.2" × 7.3" × 10.9") (L × W × H)  |
| Weight              | 0.84 kg (1.85 lb.)  |
| Working Environment | -20 °C to 60 °C (-4 °F to 140 °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    | 2 KV  |
| Reset Button        | Support   |
| Web Client Language | 22 Languages: Traditional Chinese, English, Simplified Chinese, Polish, German, Russian, French, Korean, Dutch, Czech, Portuguese (Europe), Portuguese (Brazil), Japanese, Thai, Turkish, Spanish (Latin America), Spanish (Europe), Hungarian, Italian, Vietnamese, Arabic, Slovak |

## Dimensions



# Accessories

|  |   |   |
|--|---|---|
| <p><b>TR-JB07-D-IN</b><br/>Bullet Junction Box(Support wiring from behind)</p>                                     | <p><b>TR-CM06-D</b><br/>Alarm Ball Machine Hoisting Bracket</p>                   | <p><b>TR-UC08-C</b><br/>Bullet&amp;Dome Corner Mounting Bracket</p>                 |
|                                   |  |  |
| <p><b>TR-A01-IN</b><br/>NPT 3/4" Waterproof Cable Gland</p>  | <p><b>TR-UP06-C-IN</b><br/>Pole Mounting Bracket for Bullet Junction Box Only</p> | <p><b>TR-UP06-B-IN</b><br/>Bullet Pole Mounting Bracket</p>                         |
|  |  |  |

# Unlimited New View

## 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.