

# IPC6412LR-X16-VG

IPC6412LR-X16-VG 2MP 16x Motorized WDR LightHunter, Micro SD up to 256GB Network PTZ Kamera UNV



|                       |                  |
|-----------------------|------------------|
| Model                 | IPC6412LR-X16-VG |
| Brend                 | Uniview          |
| Material              | Plastik          |
| Qoruma                | IP66             |
| Növ                   | IP               |
| Meqapixel             | 2 MP             |
| Obyektiv              | PTZ              |
| Fokus                 | 2.7 - 13.5mm     |
| İşıqlandırma          | İR               |
| İşıqlandırma məsafəsi | 100m             |
| Yaddaş                | MicroSD          |
| İş mühiti             | Outdoor          |

## Specification

|                   |                                                         |                   |                  |                 |                 |
|-------------------|---------------------------------------------------------|-------------------|------------------|-----------------|-----------------|
| Camera            | IPC6412LR-X16-VG                                        |                   |                  |                 |                 |
| Sensor            | 1/2.8", 2.0 megapixel, progressive scan, CMOS           |                   |                  |                 |                 |
| Min. Illumination | Colour: 0.003 Lux (F1.7, AGC ON)<br>0 Lux with IR       |                   |                  |                 |                 |
| Day/Night         | IR-cut filter with auto switch (ICR)                    |                   |                  |                 |                 |
| Shutter           | Auto/Manual, 1 ~ 1/100000s                              |                   |                  |                 |                 |
| WDR               | 120dB                                                   |                   |                  |                 |                 |
| S/N               | >52dB                                                   |                   |                  |                 |                 |
| Lens              |                                                         |                   |                  |                 |                 |
| Lens type         | 5 - 80mm, AF automatic focusing and motorized zoom lens |                   |                  |                 |                 |
| Optical Zoom      | 16                                                      |                   |                  |                 |                 |
| Iris              | F1.7(W) - F2.8(T)                                       |                   |                  |                 |                 |
| Field of View (H) | 51.70° ~ 4.89°                                          |                   |                  |                 |                 |
| Field of View (V) | 30.49° ~ 2.75°                                          |                   |                  |                 |                 |
| Field of View (D) | 63.59° ~ 5.77°                                          |                   |                  |                 |                 |
| DORI              |                                                         |                   |                  |                 |                 |
| DORI Distance     | Lens (mm)                                               | Detect (m)        | Observe (m)      | Recognize (m)   | Identify (m)    |
|                   | 5                                                       | 77.6 (254.5ft)    | 31.0 (101.8ft)   | 15.5 (50.9ft)   | 7.8 (25.5ft)    |
|                   | 80                                                      | 1241.4 (4072.8ft) | 496.6 (1629.1ft) | 248.3 (814.6ft) | 124.1 (407.3ft) |
| Illuminator       |                                                         |                   |                  |                 |                 |

|                         |                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IR Range                | Up to 100m (328 ft) IR range                                                                                                                                                                               |
| Wavelength              | 850nm                                                                                                                                                                                                      |
| IR On/Off Control       | Auto/Manual                                                                                                                                                                                                |
| Video                   |                                                                                                                                                                                                            |
| Video Compression       | Ultra 265, H.265, H.264, MJPEG                                                                                                                                                                             |
| Frame Rate              | Main Stream: 2MP(1920*1080),Max 30fps;<br>Sub Stream: 720P(1280*720), Max 30fps;<br>Third Stream: D1 (720*576), Max 30fps;                                                                                 |
| Video Bit Rate          | 128 Kbps~16 Mbps                                                                                                                                                                                           |
| U-code                  | Support                                                                                                                                                                                                    |
| ROI                     | Support                                                                                                                                                                                                    |
| Video Stream            | Triple streams                                                                                                                                                                                             |
| OSD                     | Up to 8 OSDs                                                                                                                                                                                               |
| Privacy Mask            | 24 areas, up to 4 areas per scene                                                                                                                                                                          |
| Image                   |                                                                                                                                                                                                            |
| White Balance           | Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2                                                                                                                                                            |
| Digital Noise Reduction | 2D/3D DNR                                                                                                                                                                                                  |
| Smart IR                | Support                                                                                                                                                                                                    |
| Flip                    | Normal/Flip Vertical/Flip Horizontal/180°/90°Clockwise/90°Anti-clockwise                                                                                                                                   |
| HLC                     | Support                                                                                                                                                                                                    |
| BLC                     | Support                                                                                                                                                                                                    |
| Defog                   | Digital Defog                                                                                                                                                                                              |
| Events                  |                                                                                                                                                                                                            |
| Basic Detection         | Motion detection, Tampering Alarm                                                                                                                                                                          |
| Auto Tracking           | Support                                                                                                                                                                                                    |
| General Function        | Watermark, IP Address Filtering, Access Policy, ARP Protection, RTSP Authentication, User Authentication                                                                                                   |
| Storage                 |                                                                                                                                                                                                            |
| Edge Storage            | Micro SD, up to 256 GB                                                                                                                                                                                     |
| Network Storage         | ANR, NAS(NFS)                                                                                                                                                                                              |
| Network                 |                                                                                                                                                                                                            |
| Protocols               | IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP, SSL/TLS                                                              |
| Compatible Integration  | ONVIF (Profile S, Profile G, Profile T), API, SDK                                                                                                                                                          |
| User/Host               | Up to 32 users. 3 user levels: administrator, operator and common user                                                                                                                                     |
| Security                | 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<br>EZLive<br>EZView                                                                                                                                                                              |
| Web Browser             | Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above                                                                                                  |
| Pan & Tilt              |                                                                                                                                                                                                            |
| Pan Range               | 360° (endless)                                                                                                                                                                                             |
| Pan Speed               | 0.1°/s ~ 80°/s<br>Preset speed: 80°/s                                                                                                                                                                      |
| Tilt Range              | -15° ~ 90° (auto reverse)                                                                                                                                                                                  |
| Tilt Speed              | 0.1°/s ~ 80°/s<br>Preset speed: 80°/s                                                                                                                                                                      |
| 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        | 15s ~ 1800s                                                                                                                                                                                                |
| Preset Image Freeze     | N/A                                                                                                                                                                                                        |
| Home Position           | Support                                                                                                                                                                                                    |

|                     |                                                                                                                                                                                      |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Interface           |                                                                                                                                                                                      |
| Audio I/O           | N/A                                                                                                                                                                                  |
| Alarm I/O           | N/A                                                                                                                                                                                  |
| Serial Port         | N/A                                                                                                                                                                                  |
| Built-in Mic        | N/A                                                                                                                                                                                  |
| Built-in Speaker    | N/A                                                                                                                                                                                  |
| WIFI                | N/A                                                                                                                                                                                  |
| Network             | 1 * RJ45 10M/100M Base-TX Ethernet                                                                                                                                                   |
| Video Output        | N/A                                                                                                                                                                                  |
| Certification       |                                                                                                                                                                                      |
| EMC                 | CE-EMC (EN 55032:2015+A11:2020+A1:2020,EN 61000-3-3:2013+A1:2019+A2:2021,EN IEC 61000-3-2: 2019+A1: 2021,EN 55035: 2017+A11:2020)<br>FCC (47 CFR Part 15, Subpart B)ANSI C63.4-2014) |
| Safety              | CE LVD (EN 62368-1:2014+A11:2017)<br>CB (IEC 62368-1:2014)<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               | DC12V(±25%,3A), PoE+(IEEE 802.3at)                                                                                                                                                   |
|                     | Power consumption: MAX 20W                                                                                                                                                           |
| Power Interface     | Ø 5.5mm coaxial power plug                                                                                                                                                           |
| Dimensions (Ø x H)  | Ø162 x 293mm (Ø6.4" x 11.5")                                                                                                                                                         |
| Weight              | 1.79kg (3.95lb)                                                                                                                                                                      |
| Working Environment | -40℃ ~ 65℃(-40°F ~ 149°F)Humidity: ≤95% RH (non-condensing)                                                                                                                          |
| Storage Environment | -40℃ ~ 70℃(-40°F ~ 158°F)Humidity: ≤95% RH (non-condensing)                                                                                                                          |
| Surge Protection    | 6KV                                                                                                                                                                                  |
| Reset Button        | Support                                                                                                                                                                              |