

# WV-U1532LA

2MP (1080p) Varifocal Lens Outdoor Bullet Network Camera

## New U-series compact network camera with enhanced functions and affordability

The new U series is an entry model that achieves high quality and reliability at an affordable price to meet the needs of a wide range of customers.



- 2MP (1080p) up to 30fps
- 2.5x built-in motorized zoom and motorized focus lens
- iA (intelligent Auto)
- Super Dynamic 120dB
- Color night vision (0.006 to 0.1 lx)
- H.265 Smart Coding
- Corridor mode (90 degrees or 270 degrees in image rotation)
- Built-in IR LED
- NDAA Compliant



# SPECIFICATIONS

| Camera  |   |
|---|---|
| Image Sensor                                    | Approx. 1/3 type CMOS image sensor  |
| Minimum Illumination                            | Color : 0.1 lx, BW: 0.04 lx<br>(50IRE, F2.0, Maximum shutter: Off (1/30s), AGC: 11)<br>BW : 0 lx {0 footcandle}<br>(50IRE, F2.0, Maximum shutter: OFF (1/30 s), AGC: 11, when the IR LED is lit)<br>Color : 0.006 lx, BW: 0.0025 lx<br>(50IRE, F2.0, Maximum shutter: max. 16/30s, AGC: 11) |
| White Balance                                   | ATW1/ATW2/AWC   |
| Maximum shutter                                 | [30fps mode] Max. 1/10000 s to Max. 16/30 s<br>[25fps mode] Max. 1/10000 s to Max. 16/25 s  |
| AI Intelligent Auto                             | On / Off  |
| Super Dynamic                                   | On / Off,<br>the level can be set in the range of 0 to 31.  |
| Dynamic Range                                   | Max.120 dB (Super Dynamic: On, Level: 31)   |
| Adaptive Black Stretch                          | —   |
| Back Light Compensation/High Light Compensation | BLC/ HLC/ Off<br>(only when Super Dynamic/ Intelligent auto: Off)   |
| Fog Compensation                                | On / Off, The level can be set in the range of 0 to 8.<br>(only when Intelligent auto / auto contrast adjust: Off)  |
| Maximum Gain                                    | The level can be set in the range of 0 to 11.   |
| Color/BW (ICR)                                  | Off/ On (IR Light Off) / On (IR Light On) / Auto1 (IR Light Off) / Auto2 (IR Light On) / Auto3 (SCC)  |
| IR LED Light                                    | High/ Middle/ Low/ Off<br>Maximum irradiation distance: 30 m {Approx. 100 ft}   |
| Digital Noise Reduction (DNR)                   | The level can be set in the range of 0 to 255.  |
| Video Motion Detection (VMD)                    | On / Off,<br>4 areas available  |
| Scene Change Detection                          | On / Off,<br>1 area available   |
| Privacy Zone                                    | On / Off,<br>Up to 8 zones available  |
| Image Rotation                                  | 0 ° (Off) / 90 ° / 180 ° (Upside-down) / 270 °  |
| Camera Title (OSD)                              | On / Off<br>Up to 20 characters (alphanumeric characters, marks)  |

| Lens                      |   |
|---------------------------|---|
| Focal Length              | 2.9 mm – 7.3 mm {1/8inches-9/32inches}  |
| Optical Zoom              | 2.5x (Motorized zoom / Motorized focus)   |
| Extra optical zoom        | 2.5x - 3.8x (when resolution is 1280x720)   |
| Digital (Electronic) Zoom | Choose from 3 levels of x1, x2, x4  |
| Angular Field of View     | [16 : 9 mode] Horizontal : 43° (TELE) – 100° (WIDE), Vertical : 24° (TELE) – 56° (WIDE)<br>[ 4 : 3 mode] Horizontal : 32° (TELE) – 74° (WIDE), Vertical : 24° (TELE) – 56° (WIDE) |
| Maximum Aperture Ratio    | 1 : 2.0 (WIDE) – 1 : 3.0 (TELE)   |
| Focus Range               | 1 m {39-3/8 inches} – ∞   |

| DORI                      |  |
|---------------------------|--|
| Detect (25ppm / 8ft)      | Wide: 35.5 m / 116.6 ft, Tele: 98.5 m / 323.1 ft |
| Observe (62.5ppm / 19ft)  | Wide: 14.2 m / 46.6 ft, Tele: 39.4 m / 129.2 ft  |
| Recognize (125ppm / 38ft) | Wide: 7.1 m / 23.3 ft, Tele: 19.7 m / 64.6 ft    |
| Identify (250ppm / 76ft)  | Wide: 3.6 m / 11.7 ft, Tele: 9.8 m / 32.3 ft     |

| Adjusting Angle  |  |
|------------------|--|
| Ceiling Mounting | Horizontal: $\pm 180^\circ$ (Adjust by horizontal (PAN) angle)<br>Vertical : $0^\circ$ to $100^\circ$ (Adjust by vertical (TILT) angle)<br>Yaw : $-190^\circ$ to $+100^\circ$ (Adjust by azimuth (YAW) angle)  |
| Wall Mounting    | Horizontal: $\pm 100^\circ$ (Adjust by vertical (TILT) angle)*<br>Vertical : $\pm 100^\circ$ (Adjust by vertical (TILT) angle)*<br>Yaw : $-190^\circ$ to $+100^\circ$ (Adjust by azimuth (YAW) angle)<br>*You can change between horizontal and vertical angels by adjusting the horizontal (PAN) angle. |

| Browser GUI               |   |
|---------------------------|---|
| Camera Control            | Brightness  |
| GUI / Setup Menu Language | English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese |

| Network                              |  |
|--------------------------------------|--|
| Network IF                           | 10Base-T / 100Base-TX,<br>RJ45 connector   |
| Resolution H.265/ H.264/JPEG (MJPEG) | [16 : 9 mode] 1920x1080, 1280x720, 640x360, 320x180<br>[ 4 : 3 mode] 1600x1200, 1280x960, VGA, QVGA  |
| H.265 / H.264                        | [Transmission Mode] Constant bit rate / VBR / Frame rate / Best effort<br>[Transmission Type] Unicast / Multicast<br>[Max. frame rate for each stream]<br>Stream(1) : 1920x1080(30fps) / 1280x720(30fps) / 1600x1200(30fps)<br>Stream(2) : 640x360(30fps) / 1280x720(30fps) / 640x480(30fps)<br>Stream(3) : Off / Off / Off<br>JPEG(1) : 1920x1080(1fps) / 1920x1080(1fps) / 1600x1200(1fps)<br>JPEG(2) : 1280x720(1fps) / 1280x720(1fps) / 1280x960(1fps) |
| JPEG                                 | Image Quality:<br>10 steps   |
| Smart Coding                         | GOP(Group of pictures) control:<br>On(Frame rate control) / On(Advanced) / On(Mid) / On(Low) / Off<br>*Frame rate control and Advanced are only available with H.265.<br>AUTO VIQS: On / Off   |
| Audio Compression                    | —  |
| Audio Transmission Mode              | —  |
| Supported Protocol                   | IPv6 : TCP/IP, UDP/IP, HTTP, HTTPS, SSL/TLS, SMTP, DNS, NTP, SNMPv1/v2/v3,<br>DHCPv6, RTP, MLD, ICMP, ARP, IEEE 802.1X, DiffServ, MQTT, LLDP<br>IPv4 : TCP/IP, UDP/IP, HTTP, HTTPS, SSL/TLS, RTSP, RTP, RTP/RTCP, SMTP, DHCP, DNS, DDNS, NTP,<br>SNMPv1/v2/v3, UPnP, IGMP, ICMP, ARP, IEEE 802.1X, DiffServ, MQTT, LLDP  |
| No. of Simultaneous Users            | Up to 14 users<br>(Depends on network conditions)  |
| Secure                               | Device Certificate GlobalSign® pre-installed,<br>User authentication, Host authentication,<br>HTTPS, 802.1X Support, Data encryption   |
| SDXC/SDHC/SD Memory Card (Option)    | H.265/H.264 recording: Manual REC / Alarm REC (Pre/Post) / Schedule REC<br>Compatible SDXC/SDHC/SD Memory Card :<br>microSDXC memory card: 64 GB, 128 GB, 256 GB, 512 GB<br>microSDHC memory card: 4 GB, 8 GB, 16 GB, 32 GB<br>microSD memory card: 2 GB   |
| Mobile Terminal Compatibility        | iPad, iPhone,<br>Android™ terminals  |
| ONVIF Profile                        | G / S / T  |

| Alarm                              |  |
|------------------------------------|--|
| Alarm Source (Alarm/Event)         | VMD alarm, SCD alarm, Command alarm  |
| Alarm Actions                      | SDXC/SDHC/SD memory recording, E-mail notification, HTTP alarm notification Indication on browser, TCP alarm notification output                                       |
| Input/Output                       |  |
| Monitor Output (for Adjustment)    | —  |
| Audio Input                        | —  |
| Audio Output                       | —  |
| External I/O Terminals (Cable)     | —  |
| General                            |  |
| Safety                             | UL (UL60950-1), c-UL (CSA C22.2 No.60950-1), CE, IEC60950-1  |
| EMC                                | FCC (Part15 ClassA), ICES003 ClassA, EN55032 ClassB, EN55035   |
| Power Source and Power Consumption | PoE (IEEE802.3af compliant) Device:<br>DC48 V 140 mA, Approx. 6.7 W (Class 0 device)   |
| Ambient Operating Temperature      | -30 °C to +50 °C (-22 °F to +122 °F) {Power On range: -20 °C to +50 °C (-4°F to +122 °F)}  |
| Ambient Operating Humidity         | 10 to 100 % (no condensation)  |
| Anti-Condensation System           | Temish element   |
| Water and Dust Resistance          | IP66 (IEC 60529), Type 4X (UL50E), NEMA 4X compliant   |
| Shock Resistance                   | IK10 (IEC 62262)   |
| Wind Resistance                    | Up to 40 m/s {approx. 89 mph}  |
| Dimensions                         | 112.5 mm (W) x 112.5 mm (H) x 262 mm (D)<br>{4-7/16 inches(W) x 4-7/16 inches(H) x 10-5/16 inches(D)}  |
| Mass (approx.)                     | 860 g {1.90 lbs.}  |
| Finish                             | Main body: Aluminum die cast/ PC resin, i-PRO white<br>Outer fixing screws: Stainless steel (Corrosion-resistant treatment)<br>Front cover: Polycarbonate resin, Clear |

## NOTES

### Important

- Safety Precautions : Carefully read the Basic Information, Installation Guide and Operating Instructions before using this product.
- i-PRO Co., Ltd. cannot be held responsible for the performance of the network and/or other manufacturers' products used on the network.
- Masses and dimensions are approximate.
- Specifications are subject to change without notice.

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## OPTIONAL ACCESSORIES

Select a compatible accessory

[Accessory Selector \(i-pro.com\)](http://i-pro.com).



WV-QPL500-W  
Mount Bracket



WV-QLR100-W  
Light Rail Mount  
Bracket



WV-QJB500-W  
Mount Bracket



WV-QCN500-W  
Mount Bracket



WV-QCL102-W  
Universal Camera  
Mount Bracket



WV-QCL101-W  
Mount Bracket



WV-QCL100-W  
Mount Bracket

# APPEARANCE

