

# WV-U35301-F2LG

2MP Outdoor Compact Dome Network Camera

## All-in-one Compact dome camera with IR-LED



- 2MP Compact dome camera
- Discreet design
- Wide angle of view (Horizontal 123°)
- Built-in IR-LED (15m/49ft)
- Built-in microphone
- IP66, IK10 certified
- NDAA Compliant



# SPECIFICATIONS

| Camera  |   |
|---|---|
| Image Sensor                                      | Approx. 1/2.8 type CMOS image sensor  |
| Scanning Area                                     | 5.59 mm (H) × 3.15 mm (V) {7/32 inches (H) × 1/8 inches (V)}  |
| Minimum Illumination                              | Color : 0.22 lx (30IRE, F2.1, 1/30s)<br>Color : 0.32 lx (50IRE, F2.1, 1/30s)<br>BW : 0.13 lx (50IRE, F2.1, 1/30s)<br>BW : 0 lx (50IRE, F2.1, 1/30s with IR LED) |
| White Balance                                     | ATW1 / ATW2 / AWC   |
| Shutter Speed                                     | -   |
| Maximum Shutter                                   | 30 fps mode: Max.1/10000s to Max.16/30s<br>25 fps mode: Max.1/10000s to Max.16/25s  |
| Intelligent Auto                                  | On / Off  |
| Super Dynamic                                     | On / Off (Range : 0 to 31) *1   |
| Dynamic Range                                     | Max.120 dB<br>(Super Dynamic : On, Level : 31)  |
| Adaptive Black Stretch                            | -   |
| Back light Compensation / High light Compensation | BLC (Back light compensation) / HLC (High light compensation) / Off<br>*only when Super Dynamic / Intelligent Auto : Off  |
| Fog Compensation                                  | On / Off (Range : 0 to 8)<br>*only when Intelligent auto / Auto contrast adjust : Off)  |
| Maximum Gain (AGC)                                | 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 Illumination                                   | High/ Middle/ Low/ Off<br>Maximum irradiation distance :<br>15 m {Approx. 49 ft} (30IRE)*<br>10 m {Approx. 33 ft} (50IRE)<br>* Converted value                  |
| Digital Noise Reduction                           | The level can be set in the range of 0 to 255.  |
| Video Motion Detection (VMD)                      | On / Off, 4 areas available   |
| Scene Change Detection (SCD)                      | On / Off, 1 area available  |
| Audio Detection                                   | -   |
| AI Sound Classification                           | -   |
| AI Analytics                                      | -   |
| Privacy Zone                                      | On / Off, Up to 8 zones available   |
| VIQS  | On / Off, Up to 8 zones available   |
| Image Stabilizer                                  | -   |
| Camera Title (OSD)                                | On / Off, Up to 20 characters (alphanumeric characters, marks)  |
| Lens  |   |
| Optical Zoom                                      | 1x  |
| Extra Zoom  | Max 3.0 x<br>(when resolution is 640x360)   |
| Digital (electronic) Zoom                         | -   |

|                        |  |
|------------------------|--|
| Focal Length           | 2.4mm {3/32inches}   |
| Angular Field of View  | [16:9 mode]<br>Horizontal : 123°, Vertical : 69°<br>[4:3 mode]<br>Horizontal : 92°, Vertical : 69° |
| Maximum Aperture Ratio | 1 : 2.1  |
| Focus Adjustment       | -  |
| Focus Range            | 0.5 m {19-11/16 inches} – ∞  |
| Aperture Range         | F2.1   |

### DORI

|                            |                |
|----------------------------|----------------|
| Detect (25ppm / 8ppf)      | 22.2m {73.0ft} |
| Observe (62.5ppm / 19ppf)  | 8.9m {29.2ft}  |
| Recognize (125ppm / 38ppf) | 4.4m {14.6ft}  |
| Identify (250ppm / 76ppf)  | 2.2m {7.3ft}   |

### System on Chip (SoC)

|                      |                |
|----------------------|----------------|
| System on Chip (SoC) | Ambarella S3LM |
|----------------------|----------------|

### Adjusting Angle

|                 |   |
|-----------------|---|
| Adjusting Angle | Horizontal (PAN) angle : -45° to +45°<br>Vertical (TILT) angle : 0 to +90°,<br>Azimuth (YAW) angle : -90° to +90° |
|-----------------|---|

### Browser GUI

|                         |   |
|-------------------------|---|
| GUI/Setup Menu Language | English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese |
| Browser *2              | Microsoft Edge, Firefox, Google Chrome  |

### Network

|                                  |   |
|----------------------------------|---|
| Network IF                       | 10Base-T / 100Base-TX, RJ45 connector   |
| Resolution                       | [16:9 mode(30 fps mode)] [16:9 mode(25 fps mode)]<br>1920×1080/ 1280×720/ 640×360/ 320×180<br>[4:3 mode(30 fps mode)] [4:3 mode(25 fps mode)]<br>1280×960/ VGA/ QVGA  |
| H.265/H.264 Transmission Type *3 | [Transmission Mode]<br>Constant bit rate / VBR / Frame rate / Best effort<br>[Transmission Type]<br>Unicast port (AUTO) / Unicast port (MANUAL) / Multicast   |
| JPEG (MJPEG) Image Quality       | 10 steps: 0(SUPER FINE) - 9(LOW)  |
| Smart Coding                     | GOP(Group of pictures) control<br>On(Frame rate control) * / On(Advanced) * / On(Mid) / On(Low) / Off<br>*On(Frame rate control) and On(Advanced) are only available with H.265.<br><br>AUTO VIQS<br>On/ Off  |
| Audio Compression Method *4      | G.726 (ADPCM) : 16 kbps / 32 kbps<br>G.711 : 64 kbps<br>AAC-LC : 64 kbps / 96 kbps / 128 kbps   |
| Supported Protocol               | IPv6: TCP/IP, UDP/IP, HTTP, HTTPS, SSL/TLS, SMTP, DNS, NTP, SNMPv1/v2/v3, DHCPv6, RTP, MLD, ICMP, ARP, IEEE 802.1X, DiffServ, FTP, SFTP, LLDP, MQTT<br>IPv4: TCP/IP, UDP/IP, HTTP, HTTPS, SSL/TLS, RTSP, RTP, RTP/RTCP, SMTP, DHCP, DNS, DDNS, NTP, SNMPv1/v2/v3, UPnP, IGMP, ICMP, ARP, IEEE 802.1X, DiffServ, FTP, SFTP, LLDP, MQTT |
| No. of Simultaneous Users        | Up to 14 users (Depends on network conditions)  |
| Secure                           | Device Certificate GlobalSign® pre-installed, HTTPS, User authentication, Digest authentication, Host authentication, IEEE802.1X, System log, Image transmission log, Brute-force protection  |

|                                   |  |
|-----------------------------------|--|
| SDXC/SDHC/SD Memory Card (Option) | 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 (iOS 8.0 or later), Android™ terminals   |
| ONVIF® Profile                    | G / S / T  |

## Alarm

|               |  |
|---------------|--|
| Alarm Source  | VMD alarm, SCD alarm, Command alarm, Audio detection alarm   |
| Alarm Actions | SDXC/SDHC/SD memory recording, E-mail notification, HTTP alarm notification Indication on browser, TCP alarm notification output |

## Input/Output

|                        |   |
|------------------------|---|
| Audio Input            | - |
| Audio Output           | - |
| External I/O Terminals | - |

## General

|                               |  |
|-------------------------------|--|
| Safety                        | UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1                                    |
| EMC                           | FCC (Part15 ClassA), ICES-003 ClassA, EN55032 ClassA, EN55035                                  |
| Power Source                  | PoE (IEEE802.3af Compliant)  |
| Power Consumption             | PoE DC 48V: 110mA / approx. 5.3W(Class 2 device)   |
| Ambient Operating Temperature | -30 °C to +50 °C {-22 °F to 122 °F}<br>(Power On range: -20 °C to +50 °C {-4 °F to 122°F})     |
| Ambient Operating Humidity    | 10 to 100 % (no condensation)  |
| Wind Resistance               | Up to 40 m/s {approx. 89 mph}  |
| Dimensions                    | 109 mm (W) × 53 mm (H) ×109 mm (D){4-19/64inches (W) × 2-3/32 inches (H) × 4-19/64 inches (D)} |
| Mass (Approx.)                | approx. 450g {0.99 lbs}  |
| Finish                        | Main body: Aluminum die cast,i-PRO white / Front panel:PC resin,Smoke                          |

## NOTES

\*1 When 60 fps or 50 fps is selected, the Super Dynamic function is automatically set to off.

\*2 For information on the operation verification of the web browsers, refer to our support website <Control No.: C0132>.

\*3 Transmission for 4 streams can be individually set.

\*4 When recording audio on an SD memory card, only use AAC-LC (Advanced Audio Coding - Low Complexity) .

### 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-QAT502-W  
Gangbox Adapter



WV-QCN500-W  
Mount Bracket



WV-QJB500-W  
Mount Bracket



WV-QJB502A-W  
Mount Bracket

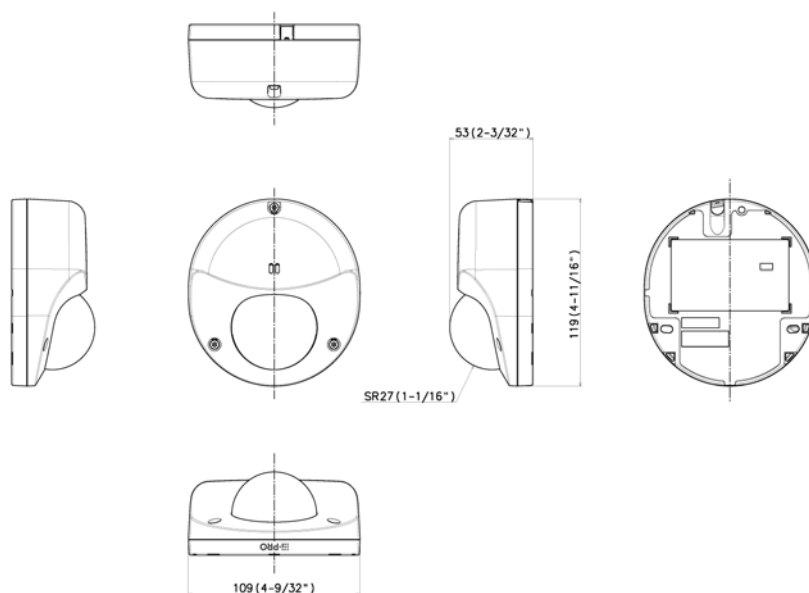


WV-QPL500-W  
Mount Bracket



WV-QWL500-W  
Mount Bracket

# APPEARANCE



Mass : Approx. 550 g [1.21 lbs]

Unit:mm