## ::i·PRO

# WV-U1542LA

4MP 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.



- 2688×1520 pixel image up to 30fps
- 2.5x built-in motorized zoom and motorized focus lens
- iA (intelligent Auto)
- Super Dynamic 102dB
- Color night vision (0.019 to 0.3 lx)
- H.265 Smart Coding
- Corridor mode (90 degrees or 270 degrees in image rotation)
- Built-in IR LED
- NDAA Compliant



# **SPECIFICATIONS**

Minimum Illumination     Color: 3.3 k, BW: 012 k (SORE, F2.0, Maximum shutter: 0Ff ((1305), ACC: 11) Witte Balance       Witte Balance     ATWI/ATW2/AWC       Maximum shutter:     B30 ps model Max. (10000 s to Max. 16/30 s (25) ps model Max. (10000 s to Max. 16/30 s (26) ps model Max. (10000 s to Max. 16/30 s (26) ps model Max. (10000 s to Max. 16/30 s (26) ps model Max. (10000 s to Max. 16/30 s (26) ps model Max. (10000 s to Max. 16/30 s (26) ps model Max. (10000 s to Max. 16/30 s (26) ps model Max. (10000 s to Max. 16/30 s (26) ps model Max. 1000 s (26) ps model Max. 1000 s (26) ps model Max. 1000 s (27) fs model Max. 1000 s (27) fs model Max. 1000 s (26) fs model Max. 1000 s (26) fs model Max. 1000 s (27) fs model Max. 10000 s (27) fs mo	Camera	
Bit 30 kg 0 botcandle) (50BE, F2.0. Maximum shutter: max. 16/30S, AGC: 11, when the IR LED is lin) (500 colors bit 500	Image Sensor	Approx. 1/2.7 type CMOS image sensor
Mainium shutter     [30 ps mode] Max. 1/10000 s to Max. 16/30 s [25 ps mode] Max. 1/10000 s to Max. 16/32 s       Al Intelligent Auto     On / Off       Super Dynamic     On / Off       Dynamic Range     Max.020 dB (super Dynamic: On Level: 31)       Adaptive Black Startch     –       Back Light Compensation/High Light     ELC / HC/ Off (only when Super Dynamic/ Intelligent auto: Off)       Fog Compensation/High Light     ELC / HC/ Off (only when Super Dynamic/ Intelligent auto: Off)       Maximum Gain     The level can be set in the range of 0 to 8. (only when Intelligent auto / auto contrast adjust: off)       Gold/FWW (LCR)     Off On (IR Light Off) / On (IR Light Off) / Auto3 (IR Light Off) / Auto3 (IR Light Off) / Auto3 (IR Light Off)       Maximum Gain     The level can be set in the range of 0 to 8. (only when Intelligent auto / auto contrast adjust: off)       Color/FWW (LCR)     Off On (IR Light Off) / On (IR Light Off) / Auto3 (IR Light Off)       Maximum Gain     The level can be set in the range of 0 to 25.       Visites Motion Detection (VMD)     On / Off. J areas available       Privazy Zoan     On / Off. Up to 8 zones available       Image Rotation     0 (Off) (J Up to 20 characters (abhanumeric characters, marks)       Cotater     2.9 mm - 7.3 mm (I/Binches-9/	Minimum Illumination	BW : 0 Ix {0 footcandle} (50IRE, F2.0, Maximum shutter: OFF (1/30 s), AGC: 11, when the IR LED is lit)
iz5/ss model     j25/ss model       Al Intelligent Auto     On / Off       Super Zynamic     On / Off. the level can be set in the range of 0 to 31.       Dynamic Range     Max.102 dB (Super Dynamic: On, Level: 31)       Adaptive Black Stretch     -       Back Light Compensation/High Light     BLC/ HLC/ Off (only when Super Dynamic/ Intelligent auto: Off)       Fog Compensation     On / Off. The level can be set in the range of 0 to 8. (only when Intelligent auto / auto contrast adjust: Off)       Maximum Gain     The level can be set in the range of 0 to 18. (only when Intelligent auto / auto contrast adjust: Off)       Maximum Gain     The level can be set in the range of 0 to 8. (only when Intelligent auto / auto contrast adjust: Off)       Maximum Gain     The level can be set in the range of 0 to 18.       Color/BW (ICR)     Off (0 (IR Light Off)/ 0n (IR Light Off)/ Auto2 (IR Light Off)/ Auto3 (SCC)       It Light     High / Middle/ Low/ Off. Maximum irradiation distance: 20 m (Approx. 65 ft)       Digital Noise Reduction (DNR)     The level can be set in the range of 0 to 255.       Video Motion Detection     On / Off. Up to 8 zones available       Image Relation     On / Off. Up to 8 zones available       Image Relation     On / Off. Up to 20 characters (aphanumeric characters, marks)       Digital Elevtonc	White Balance	ATW1/ATW2/AWC
Sper Dynamic     On / Off, the level can be set in the range of 0 to 31.       Dynamic Range     Max.102 dB (Super Dynamic: On, Level: 31)       Adaptive Black Stretch     –       Back Light Compensation/High Light Compensation     BLC/ HLC/ Off (only when Super Dynamic/ Intelligent auto: Off)       Fog Compensation     On / Off. The level can be set in the range of 0 to 8. (only when Intelligent auto / auto contrast adjust: Onf / On (IR Light 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. Maximum irradiation distance: 20 m (Approx. 65 ft)       Digital Noice Reduction (DNR)     The level can be set in the range of 0 to 255.       Video Motion Detection (VMD)     On / Off. 1 area available       PrivacyZone     On / Off. 10 to 8 zones available       Image Rotation     0n / Off. Up to 8 zones available       Cameer Title (OSD)     On / Off Light Com / Motorized focus)       Cameer Title (OSD)     2.9 mm - 7.3 mm (I/Binches-9/32inches)       Optical Zoom     2.5x (Motorized zoom / Motorized focus)       Digital Electronic/ Zoom     Chose from 3 levels oxt x, z, x4       Angular Field of View     (Fie 9 mode) [Vie 3 mode] Is not supported. Horizontal: 44" (TELE) - 103" (MDE). Vertical: 25" (TELE) - 57" (WDE).       Maximum Aperture Ratio	Maximum shutter	
Max.102 d8 (Super Dynamic: On, Level: 31)       Adaptive Black Stretch     —       Back Light Compensation/High Light Compensation     BLC / HLC / Off (only when Super Dynamic / Intelligent auto: Off)       Fog Compensation     On / Off. The level can be set in the range of 0 to 8. (only when Intelligent auto / auto contrast adjust: Off)       Maximum Gain     The level can be set in the range of 0 to 8. (only when Intelligent auto / auto contrast adjust: Off)       Maximum Gain     The level can be set in the range of 0 to 11.       Color/RW (ICR)     Off/ On (R Light Off) / On (R Light On) / Auto1 (R Light Off) / Auto2 (R Light On) / Auto3 (SCC)       R LED Light     High/ Middle/ Low/ Off, Maximum irradiation distance: 20 m (Approx. 65 ft)       Didgital Noise Reduction (DNR)     The level can be set in the range of 0 to 255.       Video Motion Detection (VMD)     On / Off, Up to 8 zones available       Didgital Noise Reduction (DNR)     The level can be set in the range of 0 to 255.       Carear Title (OSD)     On / Off, Up to 8 zones available       Image Rotation     On / Off, Up to 8 zones available       Didgital Idectronic // Coom     On / Off, Up to 0 20 characters (alphanumeric characters, marks)       Edge     Second Length     2.9 x (Motorized zoom / Motorized focus)       Optical zoom     2.5 x (Motorized zoom / Motorized focus)<	Al Intelligent Auto	On / Off
Adaptive Black Stretch -   Back Light Compensation/High Light Compensation BLC/ HLC/ Off (only when Super Dynamic/ Intelligent auto: Off)   Fog Compensation On / Off. The level can be set in the range of 0 to 8. (only when Intelligent auto / auto contrast adjust: off)   Maximum Gain The level can be set in the range of 0 to 8. (only when Intelligent auto / auto contrast adjust: off)   IND / Off. The level can be set in the range of 0 to 8. (only when Intelligent auto / auto contrast adjust: off)   IND / Off. IND / Off. Light Off) / On (II Light Off) / Auto1 (IK Light Off) / Auto2 (IK Light On) / Auto3 (SCC)   IR LED Light High / Middle/ Low/ Off. Maximum irradiation distance: 20 m (Approx. 65 ft)   Digital Noise Reduction (DNR) The level can be set in the range of 0 to 255.   Video Motion Detection (VMD) On / Off. 4 areas available   Digital Noise Reduction (DNR) The level can be set in the range of 0 to 255.   Video Motion Detection (VMD) On / Off. Up to 8 zones available   Image Rotation On / Off. Up to 8 zones available   Image Rotation On / Off. Up to 8 zones available   Privacy Zone On / Off. Up to 8 zones available   Image Rotation On / Off. Up to 20 characters (alphanumeric characters, marks)   Edstation 2.9 kmo r.73 mm (1/Binches-9/32Inches)   Optical Zoom 2.5 x - 3.3 k (when resolution is 1920x/D80)   Digital (Electronic) Zoom Choose from 3 levels	Super Dynamic	On / Off, the level can be set in the range of 0 to 31.
Back light Compensation/High Light Compensation     BLC / HLC / Off (only when Super Dynamic / Intelligent auto: Off)       Fog Compensation     On / Off, The level can be set in the range of 0 to 8. (only when intelligent auto / auto contrast adjust: off)       Maximum Gain     The level can be set in the range of 0 to 11.       Color/BW (CR)     Off / On (IR Light Off) / On (IR Light On) / Autol (IR Light On) / Auto2 (IR Light On) / Auto3 (SCC)       IR LED Light     High / Middle/ Low/ Off, Maximum irradiation distance: 20 m (Approx. 65 ft)       Digital Noise Reduction (DNR)     The level can be set in the range of 0 to 255.       Video Motion Detection (VMD)     On / Off, 1 area available       Scene Change Detection     On / Off, Up to 8 zones available       Image Rotation     0 ° (Off) / 90 ° / 180 ° (Upside-down) / 270 °       Caraera Title (OSD)     On / Off Up to 20 characters (alphanumeric characters, marks)       Optical Zoom     2.5x (Motorized zoom / Motorized focus)       Extra optical zoom     2.5x - 3.3x (when resolution is 1920x1080)       Digital (Electronic) Zoom     Choose from 3 levels of x1, x2, x4       Angular Field of View     [6 : 9 mode] *[4:3 mode] is not supported. Horizontal: 44* (TELE) - 103* (MUDE). Vertical: 25* (TELE) - 57* (WIDE)       Maximum Aperture Ratio     1: 2.0 (WIDE) - 1: 3.0(TELE)       Focus	Dynamic Range	Max.102 dB (Super Dynamic: On, Level: 31)
compensation     BLC   HLC   Off (only when super Dynamic   intelligent auto: Off)       Fog Compensation     On   Off, The level can be set in the range of 0 to 8. (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) / Autol (IR Light Off) / Auto2 (IR Light On) / Auto3 (SCC)       IR LED Light     High / Middle/ Low/ Off, Maximum irradiation distance: 20 m (Approx. 65 ft)       Digital Noise Reduction (DNR)     The level can be set in the range of 0 to 255.       Video Motion Detection (VMD)     On / Off, U as zanailable       Scene Change Detection     On / Off, Up to 8 zanes available       Privacy Zane     On / Off Up to 8 zanes available       Gamera Title (OSD)     On / Off Up to 20 characters (alphanumeric characters, marks)       Cata prical Length     2.9 mm - 7.3 mm (I/Sinches-9/J2inches)       Optical Zoom     2.5x - 3.3x (when resolution is 1920x1080)       Digital (Electronic) Zoom     Choose from 3 levels of x1, x2, x4       Angular Field of View     [16 : 9 mode] '[4:3 mode] is not supported. Horizontal : 44' (TELE) - 103'' (WDE), Vertical : 25'' (TELE) - 57''' (WDE)       Maximum Aperture Ratio     1: 2.0 (WDE) - 1: 3.0 (TELE)       Focus Range     Im (39-3/s inches) - ∞	Adaptive Black Stretch	-
Offj       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 Off) / Auto3 (IR Light Off) /	Back Light Compensation/High Light Compensation	BLC/ HLC/ Off (only when Super Dynamic/ Intelligent auto: Off)
Color/BW (ICR)   Off f On (IR Light Off) / On (IR Light On) / Autol (IR Light Off) / Auto2 (IR Light On) / Auto3 (SCC)     IR LED Light   High / Middle / Low/ Off. Maximum irradiation distance: 20 m (Approx. 65 ft)     Digital Noise Reduction (DNR)   The level can be set in the range of 0 to 255.     Video Motion Detection (VMD)   On / Off. 4 areas available     Seene Change Detection   On / Off. 1 area available     Privacy Zone   On / Off. Up to 8 zones available     Image Rotation   0 ° (Off) / 90 ° / 180 ° (Upside-down) / 270 °     Camera Title (OSD)   On / Off Up to 20 characters (alphanumeric characters, marks)     Etes   Etes     Focal Length   2.9 mm - 7.3 mm (1/Binches-9/32inches}     Optical Zoom   2.5x (Motorized zoom / Motorized focus)     Extra optical zoom   2.5x - 3.3x (when resolution is 1920x1080)     Digital (Electronic) Zoom   Choose from 3 levels of x1, x2, x4     Angular Field of View   [16 : 9 mode] *[4:3 mode] is not supported. Horizontal : 44" (TELE) - 103" (WIDE). Vertical : 25" (TELE) - 57" (WIDE)     Maximum Aperture Ratio   1 : 2.0 (WIDE) - 1 : 3.0(TELE)     Focus Range   1m (39-3/8 inches) - ∞     Detect (25ppm / 8ppf)   Wide: 40.7 m / 133.6 ft, Tele: 126.7 m / 415.8 ft     Observe (62.5ppm / 19ppf)   Wide: 81.m / 26.7 tt,	Fog Compensation	
IR LED Light   High/ Midde/ Low/ Off, Maximum irradiation distance: 20 m (Approx. 65 ft)     Digital Noise Reduction (DNR)   The level can be set in the range of 0 to 255.     Video Motion Detection (VMD)   On / Off, 4 areas available     Scene Change Detection   On / Off, 1 area available     Privacy Zone   On / Off, Up to 8 zones available     Image Rotation   0° (Off) / 90° / 180° (Upside-down) / 270°     Camera Title (OSD)   On / Off Up to 20 characters (alphanumeric characters, marks)     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 (Motorized zoom / Motorized focus)     Digital (Electronic) Zoom   Choose from 3 levels of x1, x2, x4     Angular Field of View   [16 : 9 mode] *[4:3 mode] is not supported. Horizonta: 44* (TELE) - 103° (WIDE), Vertical : 25° (TELE) - 57* (WIDE)     Maximum Aperture Ratio   1: 2.0 (WIDE) - 1: 3.0(TELE)     Focus Range   1m (39-3/8 inches) - ∞     Detect (25ppm / 8ppf)   Wide: 40.7 m / 133.6 ft, Tele: 126.7 m / 415.8 ft     Observe (62.5ppm / 19ppf)   Wide: 16.3 m / 53.4 ft, Tele: 25.3 m / 83.2 ft	Maximum Gain	The level can be set in the range of 0 to 11.
Digital Noise Reduction (DNR)   The level can be set in the range of 0 to 255.     Video Motion Detection (VMD)   On / Off, 4 areas available     Scene Change Detection   On / Off, 1 area available     Privacy Zone   On / Off, Up to 8 zones available     Image Rotation   O° (Off) / 90° / 180° (Upside-down) / 270°     Camera Title (OSD)   On / Off Up to 20 characters (alphanumeric characters, marks)     Lens	Color/BW (ICR)	Off/ On (IR Light Off)/ On (IR Light On)/ Auto1 (IR Light Off)/ Auto2 (IR Light On)/ Auto3 (SCC)
Video Motion Detection (VMD)   On / Off, 4 areas available     Scene Change Detection   On / Off, 1 area available     Privacy Zone   On / Off, Up to 8 zones available     Image Rotation   0° (Off) / 90° / 180° (Upside-down) / 270°     Camera Title (OSD)   On / Off Up to 20 characters (alphanumeric characters, marks)     Eters	IR LED Light	High/ Middle/ Low/ Off, Maximum irradiation distance: 20 m {Approx. 65 ft}
Scene Change Detection   On / Off, 1 area available     Privacy Zone   On / Off, Up to 8 zones available     Image Rotation   0° (Off) / 90° / 180° (Upside-down) / 270°     Camera Title (OSD)   On / Off Up to 20 characters (alphanumeric characters, marks)     Camera Title (OSD)   On / Off Up to 20 characters (alphanumeric characters, marks)     Camera Title (OSD)   On / Off Up to 20 characters (alphanumeric characters, marks)     Camera Title (OSD)   On / Off Up to 20 characters (alphanumeric characters, marks)     Camera Title (OSD)   On / Off Up to 20 characters (alphanumeric characters, marks)     Camera Title (OSD)   On / Off Up to 20 characters (alphanumeric characters, marks)     Camera Title (OSD)   On / Off Up to 20 characters (alphanumeric characters, marks)     Camera Title (OSD)   On / Off Up to 20 characters (alphanumeric characters, marks)     Camera Title (OSD)   2.9 mm - 7.3 mm {1/8inches-9/32inches}     Optical Zoom   2.5x (Motorized zoom / Motorized focus)     Extra optical zoom   2.5x (Motorized zoom / Motorized focus)     Digital (Electronic) Zoom   Choose from 3 levels of x1, x2, x4     Angular Field of View   Ifi 6 : 9 mode] *[4:3 mode] is not supported. Horizontal : 44° (TELE) - 103° (WIDE), Vertical : 25° (TELE) - 57° (WIDE)     Maximum Aperture Ratio   1 : 2.0 (WIDE) -	Digital Noise Reduction (DNR)	The level can be set in the range of 0 to 255.
Privacy Zone   On / Off, Up to 8 zones available     Image Rotation   0° (Off) / 90° / 180° (Upside-down) / 270°     Camera Title (OSD)   On / Off Up to 20 characters (alphanumeric characters, marks)     Camera Title (OSD)   On / Off Up to 20 characters (alphanumeric characters, marks)     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 (Motorized zoom / Motorized focus)     Extra optical zoom   Choose from 3 levels of x1, x2, x4     Angular Field of View   [16 : 9 mode] *[4:3 mode] is not supported. Horizonta: :44° (TELE) - 103° (WIDE), Vertical : 25° (TELE) - 57° (WIDE)     Maximum Aperture Ratio   1 : 2.0 (WIDE) - 1 : 3.0 (TELE)     Focus Range   1 m (39-3/8 inches) - ∞     PORI   Detect (25ppm / 8ppf)     Wide: 40.7 m / 133.6 ft, Tele: 126.7 m / 415.8 ft     Observe (62.5ppm / 19ppf)   Wide: 8.1 m / 26.7 ft, Tele: 50.7 m / 166.3 ft     Wide: 8.1 m / 26.7 ft, Tele: 25.3 m / 83.2 ft	Video Motion Detection (VMD)	On / Off, 4 areas available
Image Rotation   0° (Off) / 90° / 180° (Upside-down) / 270°     Camera Title (OSD)   On / Off Up to 20 characters (alphanumeric characters, marks)     tens     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 - 3.3x (when resolution is 1920x1080)     Digital (Electronic) Zoom   Choose from 3 levels of x1, x2, x4     Angular Field of View   [16 : 9 mode] *[4:3 mode] is not supported. Horizontal : 44° (TELE) - 103° (WIDE), Vertical : 25° (TELE) - 57° (WIDE)     Maximum Aperture Ratio   1 : 2.0 (WIDE) - 1 : 3.0(TELE)     Focus Range   1 m (39-3/8 inches) - ∞     DORI     Detect (25ppm / 8ppf)   Wide: 40.7 m / 133.6 ft, Tele: 126.7 m / 415.8 ft     Observe (62.5ppm / 19ppf)   Wide: 16.3 m / 53.4 ft, Tele: 50.7 m / 166.3 ft     Wide: 81.1 m / 26.7 ft, Tele: 25.3 m / 83.2 ft   Wide: 81.1 m / 26.7 ft, Tele: 25.3 m / 83.2 ft	Scene Change Detection	On / Off, 1 area available
Camera Title (OSD)   On / Off 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 (Motorized zoom / Motorized focus)     Extra optical zoom   2.5x - 3.3x (when resolution is 1920x1080)     Digital (Electronic) Zoom   Choose from 3 levels of x1, x2, x4     Angular Field of View   [16 : 9 mode] *[4:3 mode] is not supported. Horizontal : 44* (TELE) - 103° (WIDE), Vertical : 25° (TELE) - 57° (WIDE)     Maximum Aperture Ratio   1 : 2.0 (WIDE) - 1 : 3.0(TELE)     Focus Range   1 m {39-3/8 inches} - ∞     DORI   Detect (25ppm / 8ppf)     Wide: 40.7 m / 133.6 ft, Tele: 126.7 m / 415.8 ft     Observe (62.5ppm / 19ppf)   Wide: 63.m / 53.4 ft, Tele: 50.7 m / 166.3 ft     Recognize (125ppm / 38ppf)   Wide: 81.m / 26.7 ft, Tele: 25.3 m / 83.2 ft	Privacy Zone	On / Off, Up to 8 zones available
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 - 3.3x (when resolution is 1920x1080)     Digital (Electronic) Zoom   Choose from 3 levels of x1, x2, x4     Angular Field of View   [16 : 9 mode] *[4:3 mode] is not supported. Horizontal : 44° (TELE) - 103° (WIDE), Vertical : 25° (TELE) - 57° (WIDE)     Maximum Aperture Ratio   1 : 2.0 (WIDE) - 1 : 3.0 (TELE)     Focus Range   1 m (39-3/8 inches) - ∞     Detect (25ppm / 8ppf)   Wide: 40.7 m / 133.6 ft, Tele: 126.7 m / 415.8 ft     Observe (62.5ppm / 19ppf)   Wide: 8.1 m / 26.7 ft, Tele: 25.3 m / 83.2 ft	Image Rotation	0 ° (Off) / 90 ° / 180 ° (Upside-down) / 270 °
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 - 3.3x (when resolution is 1920x1080)     Digital (Electronic) Zoom   Choose from 3 levels of x1, x2, x4     Angular Field of View   [16 : 9 mode] *[4:3 mode] is not supported. Horizontal : 44° (TELE) - 103° (WIDE), Vertical : 25° (TELE) - 57° (WIDE)     Maximum Aperture Ratio   1 : 2.0 (WIDE) - 1 : 3.0(TELE)     Focus Range   1 m (39-3/8 inches) - ∞     Detect (25ppm / 8ppf)   Wide: 40.7 m / 133.6 ft, Tele: 126.7 m / 415.8 ft     Observe (62.5ppm / 19ppf)   Wide: 8.1 m / 26.7 ft, Tele: 25.3 m / 83.2 ft	Camera Title (OSD)	On / Off Up to 20 characters (alphanumeric characters, marks)
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 - 3.3x (when resolution is 1920x1080)     Digital (Electronic) Zoom   Choose from 3 levels of x1, x2, x4     Angular Field of View   [16 : 9 mode] *[4:3 mode] is not supported. Horizontal : 44° (TELE) - 103° (WIDE), Vertical : 25° (TELE) - 57° (WIDE)     Maximum Aperture Ratio   1 : 2.0 (WIDE) - 1 : 3.0(TELE)     Focus Range   1 m (39-3/8 inches) - ∞     Detect (25ppm / 8ppf)   Wide: 40.7 m / 133.6 ft, Tele: 126.7 m / 415.8 ft     Observe (62.5ppm / 19ppf)   Wide: 8.1 m / 26.7 ft, Tele: 25.3 m / 83.2 ft	Lens	
Extra optical zoom2.5x - 3.3x (when resolution is 1920x1080)Digital (Electronic) ZoomChoose from 3 levels of x1, x2, x4Angular Field of View[16 : 9 mode] *[4:3 mode] is not supported. Horizontal : 44° (TELE) - 103° (WIDE), Vertical : 25° (TELE) - 57° (WIDE)Maximum Aperture Ratio1 : 2.0 (WIDE) - 1 : 3.0(TELE)Focus Range1 m {39-3/8 inches} - ∞DORIUDetect (25ppm / 8ppf)Wide: 40.7 m / 133.6 ft, Tele: 126.7 m / 415.8 ftObserve (62.5ppm / 19ppf)Wide: 16.3 m / 53.4 ft, Tele: 50.7 m / 166.3 ftWide: (125ppm / 38ppf)Wide: 8.1 m / 26.7 ft, Tele: 25.3 m / 83.2 ft	Focal Length	2.9 mm – 7.3 mm {1/8inches-9/32inches}
Digital (Electronic) Zoom   Choose from 3 levels of x1, x2, x4     Angular Field of View   [16 : 9 mode] *[4:3 mode] is not supported. Horizontal : 44° (TELE) – 103° (WIDE), Vertical : 25° (TELE) – 57° (WIDE)     Maximum Aperture Ratio   1 : 2.0 (WIDE) – 1 : 3.0(TELE)     Focus Range   1 m {39–3/8 inches} – ∞     PORI   Vide: 40.7 m / 133.6 ft, Tele: 126.7 m / 415.8 ft     Observe (62.5ppm / 8ppf)   Wide: 16.3 m / 53.4 ft, Tele: 50.7 m / 166.3 ft     Recognize (125ppm / 38ppf)   Wide: 81.m / 26.7 ft, Tele: 25.3 m / 83.2 ft	Optical Zoom	2.5x (Motorized zoom / Motorized focus)
Angular Field of View   [16 : 9 mode] *[4:3 mode] is not supported. Horizontal : 44° (TELE) – 103° (WIDE), Vertical : 25° (TELE) – 57° (WIDE)     Maximum Aperture Ratio   1 : 2.0 (WIDE) – 1 : 3.0(TELE)     Focus Range   1 m {39-3/8 inches} – ∞     DORI     Detect (25ppm / 8ppf)   Wide: 40.7 m / 133.6 ft, Tele: 126.7 m / 415.8 ft     Observe (62.5ppm / 19ppf)   Wide: 16.3 m / 53.4 ft, Tele: 50.7 m / 166.3 ft     Recognize (125ppm / 38ppf)   Wide: 8.1 m / 26.7 ft, Tele: 25.3 m / 83.2 ft	Extra optical zoom	2.5x - 3.3x (when resolution is 1920x1080)
Horizontal : 44° (TELE) – 103° (WIDE), Vertical : 25° (TELE) – 57° (WIDE)     Maximum Aperture Ratio   1 : 2.0 (WIDE) – 1 : 3.0(TELE)     Focus Range   1 m {39-3/8 inches} – ∞     DORI     Detect (25ppm / 8ppf)     Wide: 40.7 m / 133.6 ft, Tele: 126.7 m / 415.8 ft     Observe (62.5ppm / 19ppf)   Wide: 16.3 m / 53.4 ft, Tele: 50.7 m / 166.3 ft     Recognize (125ppm / 38ppf)   Wide: 8.1 m / 26.7 ft, Tele: 25.3 m / 83.2 ft	Digital (Electronic) Zoom	Choose from 3 levels of x1, x2, x4
Focus Range   1 m {39-3/8 inches} - ∞     DORI     Detect (25ppm / 8ppf)   Wide: 40.7 m / 133.6 ft, Tele: 126.7 m / 415.8 ft     Observe (62.5ppm / 19ppf)   Wide: 16.3 m / 53.4 ft, Tele: 50.7 m / 166.3 ft     Recognize (125ppm / 38ppf)   Wide: 8.1 m / 26.7 ft, Tele: 25.3 m / 83.2 ft	Angular Field of View	
DORI       Detect (25ppm / 8ppf)     Wide: 40.7 m / 133.6 ft, Tele: 126.7 m / 415.8 ft       Observe (62.5ppm / 19ppf)     Wide: 16.3 m / 53.4 ft, Tele: 50.7 m / 166.3 ft       Recognize (125ppm / 38ppf)     Wide: 8.1 m / 26.7 ft, Tele: 25.3 m / 83.2 ft	Maximum Aperture Ratio	1:2.0 (WIDE) – 1:3.0(TELE)
Detect (25ppm / 8ppf)     Wide: 40.7 m / 133.6 ft, Tele: 126.7 m / 415.8 ft       Observe (62.5ppm / 19ppf)     Wide: 16.3 m / 53.4 ft, Tele: 50.7 m / 166.3 ft       Recognize (125ppm / 38ppf)     Wide: 8.1 m / 26.7 ft, Tele: 25.3 m / 83.2 ft	Focus Range	1 m {39-3/8 inches} - ∞
Detect (25ppm / 8ppf)     Wide: 40.7 m / 133.6 ft, Tele: 126.7 m / 415.8 ft       Observe (62.5ppm / 19ppf)     Wide: 16.3 m / 53.4 ft, Tele: 50.7 m / 166.3 ft       Recognize (125ppm / 38ppf)     Wide: 8.1 m / 26.7 ft, Tele: 25.3 m / 83.2 ft	DORI	
Observe (62.5ppm / 19ppf)   Wide: 16.3 m / 53.4 ft, Tele: 50.7 m / 166.3 ft     Recognize (125ppm / 38ppf)   Wide: 8.1 m / 26.7 ft, Tele: 25.3 m / 83.2 ft	Detect (25ppm / 8ppf)	Wide: 40.7 m / 133.6 ft, Tele: 126.7 m / 415.8 ft
Recognize (125ppm / 38ppf)     Wide: 8.1 m / 26.7 ft, Tele: 25.3 m / 83.2 ft	Observe (62.5ppm / 19ppf)	
	Recognize (125ppm / 38ppf)	

Adjusting Angle	
Ceiling Mounting	Horizontal: ±180 ° (Adjust by horizontal (PAN) angle) Vertical : 0 ° to 100 ° (Adjust by vertical (TILT) angle) Yaw : –190 ° to +100 ° (Adjust by azimuth (YAW) angle)
Wall Mounting	Horizontal: ±100° (Adjust by vertical (TILT) angle)* Vertical : ±100° (Adjust by vertical (TILT) angle)* Yaw : –190° to +100° (Adjust by azimuth (YAW) angle) *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, RJ45 connector
Resolution H.265/ H.264/JPEG (MJPEG)	[16:9 mode(2688x1520 30fps mode)], [16:9 mode(2688x1520 25fps mode)] 2688×1520, 1920×1080, 640×360, 320×180 [16:9 mode(30fps mode)], [16:9 mode(25fps mode)] 2560×1440, 1920×1080, 640×360, 320×180 *[4:3 mode] is not supported.
H.265/ H.264	[Transmission Mode] Constant bit rate / VBR / Frame rate / Best effort [Transmission Type] Unicast / Multicast [Max.frame rate for each stream] Stream(1) : 2688x1520(30fps) / 2560x1440(30fps) / 1920x1080(30fps) Stream(2) : Off / 640x360(30fps) / 1920x1080(30fps) Stream(3) : Off / Off / 640x360(10fps) JPEG(1) : 2560x1440(1fps) / 2560x1440(1fps) / 2560x1440(1fps) JPEG(2) : 1920x1080(1fps) / 1920x1080(1fps) / 1920x1080(1fps)
JPEG	Image Quality : 10 steps
Smart Coding	GOP(Group of pictures) control: On(Frame rate control)/ On(Advanced)/ On(Mid)/ On(Low)/ Off *Frame rate control and Advanced are only available with H.265. 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, DHCPv6, RTP, MLD, ICMP, ARP IEEE 802.1X, DiffServ, MQTT, LLDP 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, MQTT, LLDP
No. of Simultaneous Users	Up to 14 users (Depends on network conditions)
Secure	Device Certificate GlobalSign® pre-installed, User authentication, Host authentication, 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 Compatible SDXC/SDHC/SD Memory Card : microSDXC memory card: 64 GB, 128 GB, 256 GB, 512 GB microSDHC memory card: 4 GB, 8 GB, 16 GB, 32 GB microSD memory card: 2 GB
Mobile Terminal Compatibility	iPad, iPhone, AndroidTM 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: DC48 V 150 mA, Approx. 7.2 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) {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 Outer fixing screws: Stainless steel (Corrosion-resistant treatment) 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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## ::i·PRO

# **OPTIONAL ACCESSORIES**

Select a compatible accessory Accessory Selector (i-pro.com).







WV-QLR100-W Light Rail Mount Bracket



WV-QJB500-W Mount Bracket



WV-QCL102-W

Universal Camera

Mount Bracket



WV-QCL101-W Mount Bracket



WV-QCL100-W Mount Bracket





### **APPEARANCE**





WV-U1542LA



WV-U1542LA