

WV-S1552L

5MP Outdoor Bullet Network Camera

Designed to equip security professionals with the best possible CCTV footage for evidence, the WV-S1552L captures high-quality 5MP images even in very challenging, dynamic and exposed environments that require reliable hardware.



- 5-megapixel images up to 30fps
- intelligent Auto
- Color night vision (0.0044 to 0.07 lx)
- H.265 Smart Coding
- FIPS140-2 CAVP compliant
 - *Using encryption module standardized by FIPS publication 140-2
- i-VMD License Bundled
- NDAA Compliant

Successor model : [WV-S15500-V3LN](#)



SPECIFICATIONS

Camera	
Image Sensor	1/2.8 type CMOS image sensor
Minimum Illumination	Color : 0.07 lx, BW : 0.04 lx (50IRE, F1.3, Maximum shutter : Off (1/30s), AGC : 11) BW : 0 lx (50IRE, F1.3, Maximum shutter : Off (1/30 s), AGC : 11, when the IR LED is lit) Color : 0.0044 lx, BW : 0.003 lx (50IRE, F1.3, Maximum shutter : max. 16/30s, AGC : 11)
White Balance	ATW1/ ATW2/ AWC
Shutter Speed	[30fps mode] 1/30 Fix to 1/10000 Fix [25fps mode] 1/25 Fix to 1/10000 Fix
Intelligent Auto	On / Off
Super Dynamic	On / Off, The level can be set in the range of 0 to 31.
Dynamic Range	Max.132 dB (Super Dynamic : On, Level : 30 or more, 15fps)
Adaptive Black Stretch	The level can be set in the range of 0 to 255.
Back Light Compensation/High Light Compensation	BLC (Back light compensation) / HLC (High light compensation) / Off The level can be set in the range of 0 to 31. (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) / Auto1(IR Light Off) / Auto2 (IR Light On) / Auto3 (SCC)
IR LED Light	High / Middle / Low / Off, Maximum irradiation distance : 40 m {Approx. 131 ft}
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 areas available
Intelligent VMD (i-VMD)	Type 7 *Bundled License
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)
Lens	
Optical zoom	3.1x (Motorized zoom / Motorized focus)
Extra zoom	3.1x - 9.3x (when resolution is 640x360)
Digital (electronic) zoom	Choose from 3 levels of x1, x2, x4
Focal length	2.9 mm - 9 mm {1/8 inches - 11/32 inches}
Maximum Aperture Ratio	1 : 1.3 (WIDE) - 1 : 2.5 (TELE)
Focus range	0.3 m {11-13/16 inches} - ∞
Angular Field of View	[16 : 9 mode] Horizontal : 34° (TELE) - 106° (WIDE), Vertical : 19° (TELE) - 57° (WIDE) [4 : 3 mode] Horizontal : 34° (TELE) - 106° (WIDE), Vertical : 25° (TELE) - 77° (WIDE)
DORI	
Detect (25ppm / 8ppf)	Wide: 46.3 m / 151.90 ft, Tele: 200.96 m / 659.32 ft

Observe (62.5ppm / 19ppf)	Wide: 18.52 m / 60.76 ft, Tele: 80.38 m / 263.72 ft
Recognize (125ppm / 38ppf)	Wide: 9.26 m / 30.38 ft, Tele: 40.19 m / 131.86 ft
Identify (250ppm / 76ppf)	Wide: 4.63 m / 15.19 ft, Tele: 20.1 m / 65.93 ft

Adjusting Angle

Wall mounting	Horizontal : $\pm 100^\circ$ (Adjust by vertical (TILT) angle)* Vertical : $\pm 100^\circ$ (Adjust by vertical (TILT) angle)* Yaw : -190° to $+100^\circ$ (Adjust by azimuth (YAW) angle) *You can change between horizontal and vertical angels by adjusting the horizontal (PAN) angle.
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Browser GUI

Camera Control	Brightness, AUX On / Off
Audio	Mic (Line) Input : On / Off Volume adjustment : Low / Middle / High Audio Output : On / Off Volume adjustment : Low / Middle / High
GUI / Setup Menu Language	English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese
Browser	Microsoft Edge, Firefox, Google Chrome

Network

Network IF	10Base-T / 100Base-TX, RJ45 connector
Resolution H.265/ H.264/ JPEG (MJPEG)	[16 : 9 mode] 3072 x 1728*7 / 2560 x 1440 / 1920 x 1080 / 1280 x 720 / 640 x 360 / 320 x 180 [4 : 3 mode] 3072 x 2304*7 / 2560 x 1920 / 1280 x 960 / 800 x 600 / VGA / 400 x 300 / QVGA
H.265/H.264	[Transmission Mode] Constant bit rate / VBR / Frame rate / Best effort [Transmission Type] Unicast port (AUTO) / Unicast port (MANUAL) / Multicast
JPEG	[Image Quality] 10 steps
Smart Coding	GOP (Group of pictures) control : On (Frame rate control)* / On (Advanced)* / On (Mid) / On (Low) / Off *On (Frame rate control) and On (Advanced) are only available with H.265. Auto VIQS : On / Off
Audio Compression	G.726 (ADPCM) : 16 kbps / 32 kbps , G.711 : 64 kbps AAC-LC : 64 kbps / 96 kbps / 128 kbps
Audio Transmission Mode	Off / Mic (Line) input / Audio output / Interactive (Half duplex) / Interactive (Full duplex)
Supported Protocol	IPv6 : TCP/IP, UDP/IP, HTTP, HTTPS, SMTP, DNS, NTP, SNMP, DHCPv6, RTP, MLD, ICMP, ARP, IEEE 802.1X, DiffServ, SSL/TLS , SRTP, SFTP, MQTT, LLDP IPv4 : TCP/IP, UDP/IP, HTTP, HTTPS, RTSP, RTP, RTP/RTCP, SMTP, DHCP, DNS, DDNS, NTP, SNMP, UPnP, IGMP, ICMP, ARP, IEEE 802.1X, DiffServ, SSL/TLS , SRTP, SFTP, MQTT, LLDP
No. of Simultaneous Users	Up to 14 users (Depends on network conditions)
SDXC/SDHC/SD Memory Card	H.265 / H.264 recording : Manual REC / Alarm REC (Pre/Post) / Schedule REC / Backup upon network failure JPEG recording : Manual REC / Alarm REC (Pre/Post) Compatible SDXC/SDHC/SD Memory Card : Panasonic 2 GB, 4 GB*, 8 GB*, 16 GB*, 32 GB*, 64 GB**, 128 GB**, 256 GB** model *SDHC card, ** SDXC card (except miniSD card and microSD card)
Mobile Terminal Compatibility	iPad, iPhone, Android™ terminals
ONVIF® Profile	G / S / T

Alarm

Alarm Source	3 terminals input, 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)	VBS : 1.0 V [p-p] / 75 Ω , composite, Pin jack An NTSC or PAL signal can be outputted from camera
Audio input	\varnothing 3.5 mm stereo mini jack For microphone input : Recommended applicable microphone : Plug-in power type (Sensitivity of microphone : -48 dB \pm 3 dB (0 dB=1 V/Pa, 1 kHz)) Input impedance : Approx. 2 k Ω (unbalanced) Supply voltage : 2.5 V \pm 0.5 V For line input : Input level: Approx. -10 dBV
Audio Output	\varnothing 3.5 mm stereo mini jack (Audio output is monaural.) Output impedance : Approx. 600 Ω (unbalanced) Output level : -20 dBV
External I/O Terminals	ALARM IN 1(Alarm input 1/ Black & white input/ Auto time adjustment input) (x1), ALARM IN 2 (Alarm input 2/ ALARM OUT) (x1), ALARM IN 3 (Alarm input 3/ AUX OUT) (x1)

General	
Safety	UL (UL60950-1), c-UL (CSA C22.2 No.60950-1), CE, IEC60950-1
EMC	FCC (Part15 ClassA), ICES003 ClassA, EN55032 ClassB, EN55024
Power Source and Power Consumption	DC power supply : DC 12 V 930 mA/Approx. 11.2 W PoE (IEEE802.3af compliant) Device : DC48 V 240 mA/Approx. 11.5 W (Class 0 device)
Ambient Operating Temperature	-40 $^{\circ}$ C to +60 $^{\circ}$ C (-40 $^{\circ}$ F to +140 $^{\circ}$ F)*12 (Power On range : -30 $^{\circ}$ C to +60 $^{\circ}$ C {-22 $^{\circ}$ F to +140 $^{\circ}$ F})
Ambient Operating Humidity	10 to 100 % (no condensation)
Dehumidification Device	Temish element+Fan/Heater
Water and Dust Resistance	IP66 (IEC60529), Type 4X (UL50E), NEMA 4X compliant
Shock Resistance	IK10 (IEC 62262)
Wind Resistance	Up to 40 m/s {approx. 89 mph}
Dimensions	With adapter box : 133 mm (W) x 133 mm (H) x 377 mm (L) {5-1/4 inches(W) x 5-1/4 inches(H) x 14-27/32 inches(L)} Without adapter box : 130 mm (W) x 130 mm (H) x 337 mm (L) {5-1/8 inches(W) x 5-1/8 inches(H) x 13-9/32 inches(L)}
Mass	With adapter box : 2.2 kg {4.85 lbs} Without adapter box : 1.7 kg {3.75 lbs}
Finish	Main body : Aluminum die cast and resin, i-PRO white Outer fixing screws : Stainless steel (Corrosion-resistant treatment) Front panel : 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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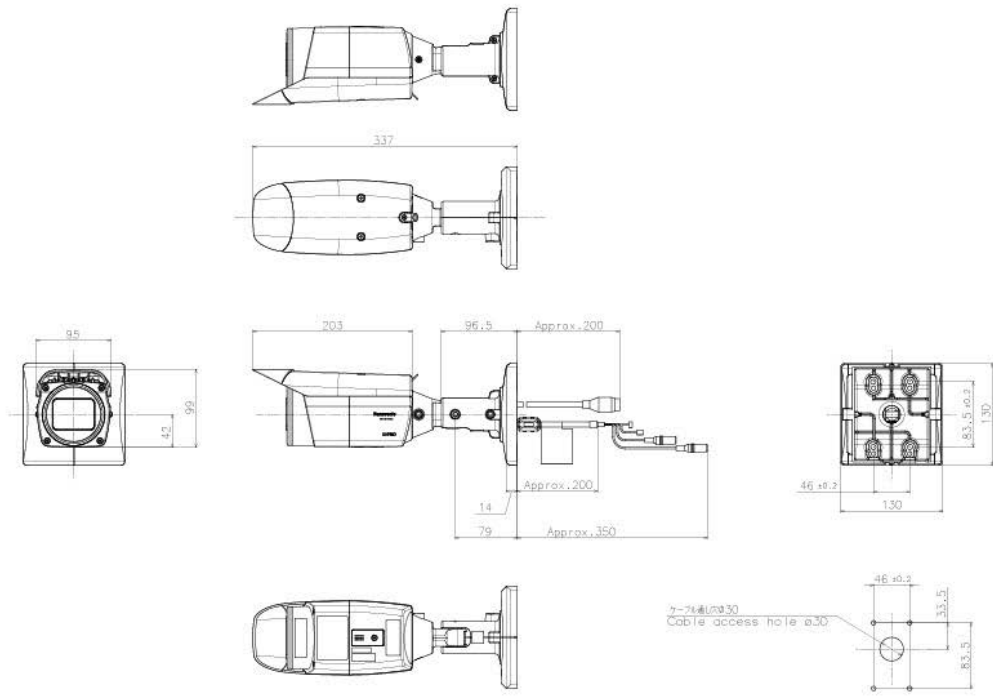
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OPTIONAL ACCESSORIES

Select a compatible accessory

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

APPEARANCE



カメラ取り付け位置
Camera mounting position

投影面積/Projected area (Without Adapter Box)	
平面図/Top-view	0.025 (m ²)
側面図/Side-view	0.023 (m ²)

Weight : Approx. 1.7kg (3.75 lbs)(Except the Adapter Box)

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