WV-S2552L

5MP Vandal Resistant Outdoor Dome Network Camera

i-PRO Extreme H.265 Dome Network camera

Designed to equip security professionals with the best possible CCTV footage for evidence, the WV-S2552L captures high-quality 5MP images even in very challenging, and dynamic 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
- i-VMD License Bundled
- FIPS140-2 CAVP compliant
  *Using encryption module standardized by FIPS publication 140-2
- NDAA Compliant

Successor model : WV-S25500-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 (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 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 : 33° (TELE) – 103° (WIDE), Vertical : 19° (TELE) – 55° (WIDE) [4 : 3 mode] Horizontal : 33° (TELE) – 103° (WIDE), Vertical : 25° (TELE) – 75° (WIDE)

DORI	
Detect (25ppm / 8ppf)	Wide: 48.87 m / 160.34 ft, Tele: 207.42 m / 680.51 ft
Observe (62.5ppm / 19ppf)	Wide: 19.55 m / 64.14 ft, Tele: 82.97 m / 272.20 ft
Recognize (125ppm / 38ppf)	Wide: 9.77 m / 32.07 ft, Tele: 41.48 m / 136.10 ft
Identify (250ppm / 76ppf)	Wide: 4.89 m / 16.03 ft, Tele: 20.74 m / 68.05 ft

Adjusting Angle	
Adjusting Angle	Horizontal (PAN) angle : ±180°, Vertical (TILT) angle : -30 to +85°, Azimuth (YAW) angle : ±100°

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)
Secure	FIPS 140-2 level3
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, AndroidTM 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	
Audio input	ø3.5 mm stereo mini jack For microphone input : Recommended applicable microphone : Plug-in power type (Sensitivity of microphone : -48 dB±3 dB (0 dB=1 V/Pa, 1 kHz)) Input impedance : Approx. 2 kΩ (unbalanced) Supply voltage : 2.5 V ±0.5 V For line input : Input level: Approx. –10 dBV
Audio Output	ø3.5 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)
Monitor Output	Yes (for adjustment) Φ3.5mm stereo mini jack, NTSC or PAL signal can be output from camera

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 980 mA/Approx. 11.8 W PoE (IEEE802.3af compliant) Device : DC48 V 260 mA/ Approx. 12.5 W (Class 0 device)
Ambient Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F) (Power On range : –30 °C to +60 °C {–22 °F to +140 °F})
Ambient Operating Humidity	10 to 100 % (no condensation)
Anti-Condensation System	Temish element+Fan/Heater
Water and Dust Resistance	IP66 (IEC60529), Type 4X(UL50E), NEMA 4X compliant
Shock Resistance	50J (IEC 60068-2-75 compliant), IK10 (IEC 62262)
Wind Resistance	Up to 40 m/s {approx. 89 mph}
Dimensions	When using base bracket : ø164 mm × 139 mm (H) {ø6-15/32 inches × 5-15/32 inches (H)} Dome radius 42 mm {1-21/32 inches} When using attachment plate only : ø154 mm × 103 mm (H) {ø6-1/16 inches × 4-1/16 inches (H)} Dome radius 42 mm {1-21/32 inches}
Mass	When using base bracket : Approx. 1.6 kg {3.53 lbs} When using attachment plate only : Approx. 1.2 kg {2.65 lbs}
Finish	Main body : Aluminum die cast, i-PRO white Outer fixing screws : Stainless steel (Corrosion-resistant treatment) Dome 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)](i-pro.com)

WV-QWL501-W
Mount Bracket

WV-QWL500-W
Mount Bracket

WV-QSR505-W
Sun Shade

WV-QSR501-W
Mount Bracket

WV-QSR500-W
Sun Shade

WV-QPL500-W
Mount Bracket

WV-QJB501-W
Base Bracket

WV-QJB500-W
Mount Bracket

WV-QEM500-W
Mount Bracket

WV-QCN500-W
Mount Bracket

WV-QCL501-W
Mount Bracket

WV-QCL101-W
Mount Bracket

WV-QCL100-W
Mount Bracket

WV-QAT501-W
Attachment Pipe
Bracket

WV-QAT500-W
Attachment pipe

WV-Q105A
Mount Bracket

PWM485W
Wall Mount and Shroud

PWM485AW
Wall Mount and Shroud

PS485AW
Shroud

PPRM35AW
Parapet Mount Bracket

PAPM4W
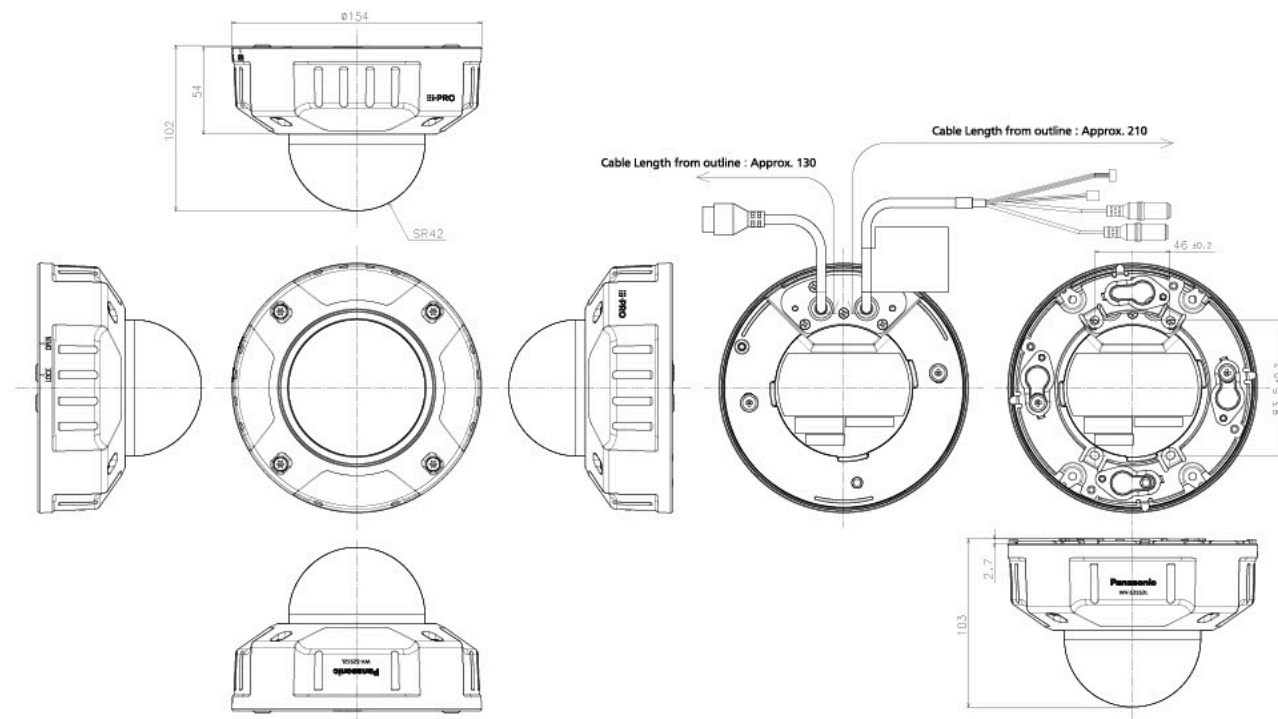Pole Mount Bracket

PACA4W
Corner Mount Adapter
Bracket

WV-CW7SN
Dome cover

WV-CW7S
Dome cover

WV-CW7CN
Dome cover

APPEARANCE

Cable Length from outline : Approx. 210

Cable Length from outline : Approx. 130

投影面積/Projected area
側面図/Side-view 0.011(m2)

Weight : Approx. 1.2 kg {2.65 lbs} (When using the Attachment plate)

With Attachment plate

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