WV-S2536LGN

2MP(1080p) IR Outdoor Vandal Dome Network Camera with AI Engine

The new Standard by i-PRO video surveillance

- 2MP (1080p)
- Intelligent Auto (with AI Engine)
- Super Dynamic 144dB
- Color night vision (0.018 to 0.025 lx)
- Smart Coding (with AI Engine)
- Built-in IR LED
- NDAA Compliant

SPECIFICATIONS

Camera	
Image Sensor	Approx. 1/2.8 type CMOS image sensor
Minimum Illumination	Color : 0.007 lx (30IRE, F1.3, 1/30s) / Color : 0.009 lx (50IRE, F1.3, 1/30s) BW : 0.005 lx (50IRE, F1.3, 1/30s) / BW : 0 lx (50IRE, F1.3,1/30s with IR LED)
White Balance	ATW1 / ATW2 / AWC
Shutter Speed	[60 fps Mode] 1/60 Fix to 1/10000 Fix, [30 fps/15 fps mode] 1/30 Fix to 1/10000 Fix [50 fps Mode] 1/50 Fix to 1/10000 Fix, [25 fps/12.5 fps 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.144 dB (Super Dynamic : On, Level 31)
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 (only when Super dynamic / Intelligent Auto : Off)
Fog Compensation	On / Off (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 : 70 m {Approx. 230 ft} (30IRE) / 50 m {Approx. 164 ft} (50IRE)
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
Audio Detection	On / Off
AI Sound classification	Gunshot, Yell, Vehicle horn, Glass break
AI Analytics	AI Video Motion Detection, AI Privacy Guard, AI Face Detection, AI People Detection, AI Vehicle Detection, AI Non mask Detection, AI Occupancy Detection For details https://i-pro.com/global/en/surveillance/products/i-pro-ai-application 3rd party applications are alsoavailable. https://i-pro.com/global/en/surveillance/i-pro-application-platform/application-list
Privacy Zone	On / Off, Up to 8 zones available
VIQS	On / Off, Up to 8 zones available
Image rotation	0 ° / 90 ° / 180 ° / 270 °
Camera Title (OSD)	On / Off, Up to 40 characters (alphanumeric characters, marks)
Focus Adjustment	Auto focus

Lens	
Optical Zoom	3.1x (Motorized zoom / Motorized Focus)

Extra zoom	3.1x - 9.3x (when resolution is 640 x 360)
Focal Length	2.9 - 9 mm {1/8 inches - 11/32 inches}
Angular Field of View	[16 : 9 mode] Horizontal : 36° (TELE)113° (WIDE), Vertical : 20° (TELE)60° (WIDE) [4 : 3 mode] Horizontal : 26° (TELE)82° (WIDE), Vertical : 20° (TELE)60° (WIDE)
Maximum Aperture Ratio	1 : 1.3 (WIDE) 1 : 2.5 (TELE)
Focusing Range	0.3 m {11-13/16 inches} - ∞

DORI

Detect (25ppm / 8ppf)	Wide: 25.4m / 83.4 ft, Tele: 118.2 m / 387.7 ft
Observe (62.5ppm / 19ppf)	Wide: 10.2 m / 33.4 ft, Tele: 47.3 m / 155.1 ft
Recognize (125ppm / 38ppf)	Wide: 5.1 m / 16.7 ft, Tele: 23.6 m / 77.5 ft
Identify (250ppm / 76ppf)	Wide: 2.5m / 8.3 ft, Tele: 11.8 m / 38.8 ft

Adjusting Angle

Adjusting Angle	Horizontal : -194 to +166°, Vertical : -30 to +85°, Yaw : ±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 (60 fps mode)] , [16 : 9 mode (30 fps mode)], [16 : 9 mode (50 fps mode)] , [16 : 9 mode (25 fps mode)] 1920x1080, 1280x720, 640x360, 320x180 [4 : 3 mode (30 fps mode)], [4 : 3 mode (25 fps mode)] : 1280x960, VGA, QVGA [4 : 3 mode (15 fps mode)], [4 : 3 mode (12.5 fps mode)] : 2048x1536 , 1280x960, VGA, QVGA
JPEG - Image Quality	10 steps
Smart Coding	GOP (Group of pictures control): Off/ Low (Variable GOP 1s-8s) / Mid (Variable GOP 4s-16s) / Advanced(Fixed GOP 60s w/1s key-frame) / Frame rate control (Variable GOP 4s-16s with frame rate control) *Advanced and Frame rate control are only available with H.265. Smart VIQS: On(High)/On(Low)/Off, Smart P-picture control: 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, SSL/TLS, SMTP, DNS, NTP, SNMPv1/v2/v3, DHCPv6, RTP, MLD, ICMP, ARP, IEEE 802.1X,DiffServ 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, SRTP
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 / Backup upon network failure JPEG recording : Manual REC / Alarm REC (Pre/Post) / Backup upon network failure Available 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, Android terminals
ONVIF Profile	G / M / S / T

Alarm

Alarm Source	3 terminals input, VMD 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

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	3.5 mm stereo mini jack
Audio Output	3.5 mm stereo mini jack (monaural output) 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 (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1
EMC	FCC (Part15 ClassA), ICES-003 ClassA, EN55032 ClassB, EN55035
Power Source and Power Consumption	DC power supply : DC12 V 730 mA, Approx. 8.8 W PoE (IEEE802.3af compliant) Device : DC48 V 190 mA, Approx. 9.1 W (Class 0 device)
Ambient Operating Temperature	-40 ℃ to +60 ℃ (-40 °F to 140 °F) (Power On range : 30 ℃ to +60 ℃ { 22 °F to +140 °F})
Ambient Operating Humidity	10 to 100 % (no condensation)
Anti-Condensation System	Temish element + Heater + moisture absorption gel
Water and Dust Resistance	IP66, IEC60529 measuring standard compatible, Type 4X(UL50E), NEMA 4X compliant
Shock Resistance	50J (IEC 60068-2-75 compliant), IK10 (IEC 62262)
Dimensions	154 mm x 105 mm (H) { 6-1/16 inches x 4-1/8 inches (H)}
Mass (Approx.)	Approx. 1.1 kg {2.43 lbs.}
Finish	Main body : Aluminum die cast and resin, i-PRO white Outer fixing screws : Stainless steel (Corrosion-resistant treatment) Dome section : Polycarbonate resin, Clear (with ClearSight coating)

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.
Trademarks and registered trademarks
– iPad and iPhone are trademarks of Apple Inc., registered in the U.S.and other countries. – Android is a trademark of Google LLC.
– ONVIF is a trademark of ONVIF, Inc.

OPTIONAL ACCESSORIES

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

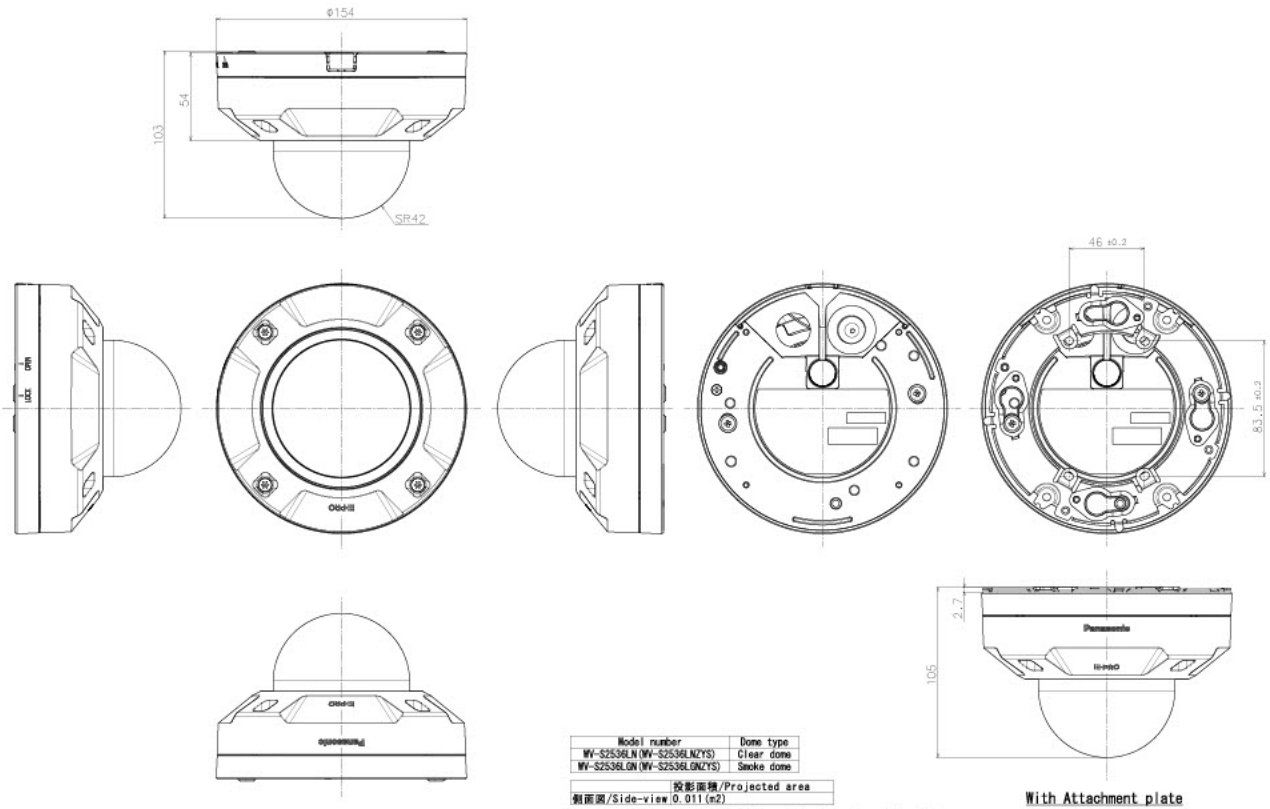|					
WV-QWL501-W	WV-QWL500-W	WV-QSR501-W	WV-QSR500-W	WV-QPL500-W	WV-QJB504-W
Mount Bracket	Mount Bracket	Mount Bracket	Sun Shade	Mount Bracket	Base Bracket
WV-QJB501-W	WV-QJB500-W	WV-QEM500-W	WV-QCN500-W	WV-QCL501-W	WV-QCL101-W
Base Bracket	Mount Bracket	Mount Bracket	Mount Bracket	Mount Bracket	Mount Bracket
WV-QCL100-W	WV-QAT501-W	WV-QAT500-W	WV-Q105A	PWM485W	PS485AW
Mount Bracket	Attachment Pipe Bracket	Attachment pipe	Mount Bracket	Wall Mount and Shroud	Shroud
PPRM35AW	PAPM4W	PACA4W	WV-QCA501A	WV-QCA500A	WV-CW7SN
Parapet Mount Bracket	Pole Mount Bracket	Corner Mount Adapter Bracket	I/O Cable	RJ45 Ethernet Cable	Dome cover

WV-CW7S
Dome cover

WV-CW7CN
Dome cover

WV-PM500
Compact microphone
unit for surveillance
cameras

APPEARANCE

Model number	Dome type
WV-S2536LN (WV-S2536LNZYS)	Clear dome
WV-S2536LGN (WV-S2536LGNZYS)	Smoke dome

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

Mass : Approx. 1.1 kg (2.43 lbs) (Excluding attachment for the conduit portion)

With Attachment plate