

WV-S1136

2MP(1080p) Indoor Box Network Camera with AI engine

The new Standard by i-PRO video surveillance

The WV-S1136 comes with pre-installed Al analytics applications that detects people and vehicles with accuracy, allowing you to easily start state-of-the-art video surveillance.



- 2MP (1080p) 1080p up to 60fps
- Intelligent Auto (with AI Engine)
- Super Dynamic 144dB
- Color night vision (0.006 to 0.008 lx)
- Smart Coding (with AI Engine)
- NDAA Compliant













SPECIFICATIONS

Camera	
Image Sensor	Approx. 1/2.8 type CMOS image sensor
Minimum Illumination	Color : 0.006 lx (30IRE, F1.2, 1/30s) Color : 0.008 lx (50IRE, F1.2, 1/30s) BW : 0.004 lx (50IRE, F1.2, 1/30s)
White Balance	ATW1/ ATW2/ AWC
Maximum shutter	[60fps mode] 1/60 Fix to 1/10000 Fix, [30fps/15fps mode] 1/30 Fix to 1/10000 Fix [50fps mode] 1/50 Fix to 1/10000 Fix, [25fps/12.5fps 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 / Auto1 (Normal) / Auto2 (IR Light) / Auto3 (SCC)
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
Al Sound Classification	Gunshot, Yell, Vehicle horn, Glass break
Al Analytics	Yes
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 back focus / Manual / Adjusting method (Auto / Preset / Fix)
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

Recolution H 285 1284		
Circameiston Type Unicase port(MANUAL) / Multicase PPG	Resolution H.265/H.264	[16:9 mode (50 fps mode)]*2 , [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)]
Smart Coding COP (Eroup of pictures control): DIF (Low (Variable COP 16-88)) Mil (Variable COP 48-164) Advanced (Filed QO 96 06) with sey-learned) Frame race control (Variable COP 48-164) with frame rate control) Patherosed and Prainer rate control of variable color 48-166 with frame rate control) Patherosed and Prainer rate control of variable color 48-166 with frame rate control) Patherosed and Prainer rate control of variable color 48-166 with frame rate control (Patherose) Patherosed and Prainer rate control of variable color 48-166 with frame rate control (Patherose) Patherosed Revenue of Variable COP 48-166 with frame rate control of Variable color 48-166 with frame rate control of Variable value v	H.265/ H.264	
Off, Low, Variable CoP 14-58 (J) Mid (Variable CoP 45-164), Advanced [Feed CoP 66 on Steep Vest With Trans rate control) Frame rate control (Variable CoP 45-166 with trans rate control) Advanced Frame rate control (Variable CoP 45-166 with trans rate control) Advanced and frame rate control (Variable CoP 45-166 with trans rate control) Advanced and frame rate control (Variable CoP 45-166 with trans Policure control Con OFF Advanced and Frame rate control are only available with H.265. Addid Transmission Mode Off / Mid (Line) Input / Audio output / Interactive (Hall duples) / Intera	JPEG	[Image Quality]10 steps
Audio Transmission Mode Off J Mic (Line) input J Audio output J Interactive (Half duples) / Interactive (Full duples) Supported Protocol IPv6: TCP/IP. UDP/IP. HTTP, HTTPs, SSIL, SS, MTP, DNS, NTP, SNMPv1/v2/v3, Dirchv6, RTP, MLD, LMP, ARP, IEEE 802LX, DIIServ, STP, MQTT, LLDP IPv6: TCP/IP. UDP/IP. HTTP, HTTPS, SSIL, SS, RTP, RTP, RTPTC, SMTP, DIVC, DIVC, DNS, DIVS, NTP, SNMPv1/v2/v3, UPv6: IGMP ICMP, ARP, IEEE 802LX, DIIServ, SSTP, MQTT, LUDP IPv6: TCP/IP. UDP/IP. HTTP, SSIL, SSIL, SST, RR RT, RTPTC, SMTP, LDP IPv6: TCP/IP. UDP/IP. HTTP, SSIL, SSIL, SST, RR RT, RTPTC, SMTP, LDP IPv6: TCP/IP. UDP/IP. HTTP, SSIL, SSIP, MQTT, LLDP IPv6: TCP/IP. UDP/IP. HTTP, SSIL, SSTP, MQTT, LDP IPv6: TCP/IP. UDP/IP. MSIL, SSTP, MQTT, LDP IPv6: TCP/IP. SSTP, MQTT, LDP IPv6: TCP/IPV6:	Smart Coding	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.
Supported Protocol Pist: TCP/IPL UDPI/IP, HTTP, HTTPS, SSL/TLS, SMTI, DNS, NIP, SNMPVINZ/N3, DICHNER, RTP, MID, CMP, ARP, IEEE BOZ.IX, DHIServ, STP, MOTT, LIDP Pist-TCP/IPL UDPI/IP, HTTP, SSL/TLS, STP, MOTT, LIDP Pist-TCP/IPL UDPI/IP, HTTP, SSL/TLS, STP, RMOTT, LIDP Pist-TCP/IPL UDPI/IPL HTTP, SSL/TLS, STP, RMOTT, LIDP Pist-TCP/IPL UDPI/IPL HTTP, SSL/TLS, STP, MOTT, LIDP STP,	Audio Compression	G.726 (ADPCM) : 16 kbps / 32 kbps , G.711 : 64 kbps, AAC-LC : 64 kbps / 96 kbps / 128 kbps
DHCPs, RTP, MLD, IKMR ARR IEEE 802.IX, Diffsers, SFTP, MQTT, LLDP PPd-1CPRIN, DDPR, TCPR, UNDPR, ITTH FTTPS, SSITS, RS, RTR, RTR, RTR/RCR, SMTP, BEER 802.IX, Diffsers, SSTP, MQTT, LLDP DHCP, DNS, DDNS, NTP, SNMPN/Ig2/N3, UPPR, ICMR, ICMP, ARP, IEEE 802.IX, Diffsers, SSTP, MQTT, LLDP DHCP, DNS, DDNS, NTP, SNMPN/Ig2/N3, UPPR, ICMR, ICMP, ARP, IEEE 802.IX, Diffsers, SSTP, MQTT, LLDP DHCP, ICMP, IC	Audio Transmission Mode	Off / Mic (Line) input / Audio output / Interactive (Half duplex) / Interactive (Full duplex)
Device Certificate GlobalSign® pre-installed, User authentication, Host authentication, HTTPS, 802.1X	Supported Protocol	DHCPv6, RTP, MLD, ICMP, ARP, IEEE 802.1X, DiffServ, SFTP, 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,
SURC/SDHC/SD Memory Card H.265 H.264 recording: Manual REC / Alarm REC (Pre/Post) Schedule REC / Backup upon network failure IPEG recording: Manual REC / Alarm REC (Pre/Post) Backup upon network failure Compatible SDXC/SDHC/SD Memory Card microSDXC memory card: 4 GB, 128 GB, 256 GB, 512 GB microSD memory card: 4 GB, 8 GB, 16 GB, 32 GB microSD memory card: 4 GB, 8 GB, 16 GB, 32 GB microSD memory card: 4 GB, 8 GB, 16 GB, 32 GB microSD memory card: 4 GB, 8 GB, 16 GB, 32 GB Mobile Terminal Compatibility IPad, IPhone, AndroidTM terminals Alarm Alarm 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) V85:10 V [p-p] / 75 Q, composite, Pin jack An NTSC or PAL signal can be outputted from camera Audio input 32.5 mm stereo mini jack For microphone input: Recommended applicable microphone: Plug-in power type (Sensitivity or microphone: -48 dBs) as (0 dB=1 V/Pa, 1 MHz)) Input impedance: Approx. 2 kG (unbalanced) Supply voltage: 2.5 V ±0.5 V For line input: Impedance: Approx. 500 Q (unbalanced) Output impedance: Approx. 600 Q (unbalanced) Output inveled: -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) ALARM IN 3 (Alarm input 3/ AUX OUT) (x1)	No. of Simultaneous Users	Up to 14 users (Depends on network conditions)
Manual REC / Alarm REC (Pre/Post) / Schedule REC / Backup upon network failure Preferencering : Manual REC / Alarm REC (Pre/Post) / Backup upon network failure Compatible SDXC/SDHC) Memory card: 4 GB, 28 GB, 296 GB, 512 GB microSDHC memory card: 4 GB, 8 GB, 16 GB, 32 GB microSDHC memory card: 4 GB, 8 GB, 16 GB, 32 GB microSDHC memory card: 4 GB, 8 GB, 16 GB, 32 GB microSDHC memory card: 4 GB, 8 GB, 16 GB, 32 GB microSDHC memory card: 4 GB, 8 GB, 16 GB, 32 GB microSDHC memory card: 4 GB, 8 GB, 16 GB, 32 GB microSDHC memory card: 4 GB, 8 GB, 16 GB, 32 GB microSDHC memory card: 4 GB, 8 GB, 16 GB, 32 GB microSDHC memory card: 4 GB, 8 GB, 16 GB, 32 GB microSDHC memory card: 4 GB, 8 GB, 16 GB, 32 GB microSDHC memory card: 4 GB, 8 GB, 16 GB, 32 GB microSDHC memory card: 4 GB, 8 GB, 16 GB, 32 GB microSDHC memory card: 4 GB,	Secure	
Alarm Source 3 terminals input, VMD alarm, Command alarm, Audio detection 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 40.3 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: Approx10 dBV Audio Output 40.3 5 mm stereo mini jack (monaural output) Output impedance: Approx. 500 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) Ceneral Safety UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1	SDXC/SDHC/SD Memory Card	Manual REC / Alarm REC (Pre/Post) / Schedule REC / Backup upon network failure JPEG recording: Manual REC / Alarm REC (Pre/Post) / Backup upon network failure 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
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 Source An NTSC or PAL signal can be outputted from camera Audio input Source An NTSC or PAL signal can be outputted from camera Audio Output (sensitivity of microphone : -48 dB±3 dB (O 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 : Approx10 dBV Audio Output ### Alarm In I (Alarm input I) Black & white input/ Auto time adjustment input) (x1) ALARM IN 2 (Alarm input 2/ ALARM OUT) (x1) ### Alarm Input 3/ AUX OUT) (x1) General Safety UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1	Mobile Terminal Compatibility	iPad, iPhone, AndroidTM terminals
Alarm Source 3 terminals input, VMD alarm, Command alarm, Audio detection alarm Alarm Actions 5DXC/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 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: Approx10 dBV Audio Output Ø3.5 mm stereo mini jack (monaural output) Output impedance: Approx00 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	ONVIF® Profile	G / M / S / T
Alarm Actions SDXC/SDHC/SD memory recording, E-mail notification, HTTP alarm notification on browser, TCP alarm notification 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 33.5 mm stereo mini jack For microphone i: -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: Approx10 dBV Audio Output 33.5 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	Alarm	
Input/Output Monitor Output (for Adjustment) WBS: 1.0 V [p-p] / 75 \(\Omega\), composite, Pin jack An NTSC or PAL signal can be outputted from camera Audio input ### Sternal I/O Terminals ALARM IN 1 (Alarm input 1/ Black & white input/ Auto time adjustment input) (x1) ALARM IN 3 (Alarm input 2/ ALARM OUT) (x1) General Safety UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1	Alarm Source	3 terminals input, VMD alarm, Command alarm, Audio detection alarm
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 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: Approx10 dBV Audio Output Ø3.5 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) General UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1	Alarm Actions	
An NTSC or PAL signal can be outputted from camera 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 : Approx10 dBV Audio Output Ø3.5 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	Input/Output	
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: Approx10 dBV Audio Output Ø3.5 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	Monitor Output (for Adjustment)	
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	Audio input	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 k Ω (unbalanced) Supply voltage: 2.5 V ±0.5 V
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	Audio Output	Output impedance : Approx. 600 Ω (unbalanced)
Safety UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1	External I/O Terminals	ALARM IN 2 (Alarm input 2/ ALARM OUT) (x1)
	General	
EMC FCC (Part15 ClassA), ICES-003 ClassA, EN55032 ClassB, EN55035	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 480 mA, Approx. 5.8 W PoE (IEEE802.3af compliant) Device: DC48 V 130 mA, Approx. 6.3 W (Class 2 device)
Ambient Operating Temperature	-10 °C to +50 °C (14 °F to 122 °F)
Ambient Operating Humidity	10 to 90 % (no condensation)
Dimensions	75 mm (W) x 57 mm (H) x 146 mm (D) {2-15/16 inches (W) x 2-1/4 inches (H) x 5-3/4 inches (D)} (excluding lens / power cord plug)
Mass (approx.)	370 g { 0.82 ibs.}
Finish	Main body : PC / ABS resin (i-PRO white)

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.
- Specications are subject to change without notice.

Trademarks and registered trademarks

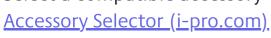
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- ONVIF is a trademark of ONVIF, Inc.
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OPTIONAL ACCESSORIES

Select a compatible accessory





WV-QLR100-W Light Rail Mount Bracket



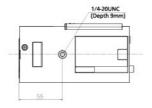
WV-QCL102-W Universal Camera Mount Bracket



WV-PM500 Compact microphone unit for surveillance cameras



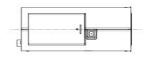
APPEARANCE

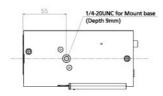




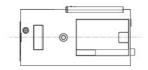




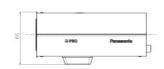




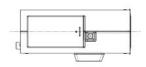
Neight : Approx. 370 g (0.82 lbs) WV-S1136

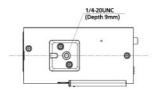












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