

WV-S6532LN

2MP (1080p) 22x IR PTZ Network Camera

H.265 Outdoor PTZ dome network camera with iA (intelligent Auto)

The WV-S6532LN IR-PTZ camera has a powerful 22x optical zoom with infrared light (LED), plus a built in imaging stabilizer enabling Pan/Tilt 360 degree video surveillance up to 100 m under total darkness.



- Full-HD 1920x1080 up to 60fps
- Long distance IR illumination
- 22x optical zoom
- ClearSight Coating
- Durable Pan/Tilt gear mechanism
- iA (intelligent Auto)
- Color night vision (0.001 to 0.015 lx)
- IP66, IK10 certified, Defroster
- i-VMD License Bundled
- Fiber Optic Media Converter Unit (Optional WV-X65F1)
- NDAA Compliant



SPECIFICATIONS

Camera	
Image Sensor	Approx. 1/2.8 type CMOS image sensor
Minimum Illumination	Color : 0.015 lx, BW : 0.006 lx (F1.6, Maximum shutter : Off (1/30s), AGC : 11) BW : 0 lx (F1.6, Maximum shutter : Off (1/30 s), AGC : 11, when the IR LED is lit) Color : 0.001 lx, BW : 0.0004 lx (F1.6, Maximum shutter : max. 16/30s, AGC : 11)
Intelligent Auto	On / Off
Shutter Speed	1/30 Fix to 1/10000 Fix *1/30 Fix to 2/120 Fix is available during 30 fps mode only. *1/60 Fix is available during 60 fps mode only.
Maximum Shutter	Max. 1/4000 s to Max. 16/30 s
Super Dynamic	On / Off, The level can be set in the range of 0 to 31.
Dynamic Range	Max.144 dB (Super Dynamic : On)
Image Settings	Gain (AGC), White balance
Image Compensation	Adaptive black stretch, Back light compensation (BLC), Fog compensation, High light compensation (HLC), Digital noise reduction
Color/BW (ICR)	Off / On (IR Light Off) / On (IR Light On) / Auto1 (IR Light Off) / Auto2 (IR Light On)
IR LED Light	High / Middle / Low / Off Maximum irradiation distance 100 m {approx. 330 ft}
Video Motion Detection (VMD)	On / Off, 4 areas available
Intelligent VMD (i-VMD)	Type4 *Bundled License
Stabilizer	On / Off (available only in the 30 fps mode)
Privacy Zone	Filling / Pixelate / Off (up to 32 zones available)
Camera Title (OSD)	On / Off, Up to 20 characters (alphanumeric characters, marks)
Lens	
Zoom Ratio	22 x Optical zoom (Motorized zoom / Motorized focus) 34x HD Extra Optical Zoom (when resolution is 1280x720)
Extra Zoom	34x HD Extra optical zoom is available (when resolution is 1280x720).
Digital (Electronic) Zoom	34x - 358x
Focal Length	4.25 mm - 95 mm {5/32 inches - 3-3/4 inches}
Maximum Aperture Ratio	1 : 1.6 (WIDE) - 1 : 3.7 (TELE)
Focus Range	3.0 m {9 ft 10-1/8 inches} - ∞

Angular Field of View	[16 : 9 mode] Horizontal : 3.4 ° (TELE) – 66 ° (WIDE) Vertical : 2.0 ° (TELE) – 39 ° (WIDE) [4 : 3 mode] Horizontal : 2.6 ° (TELE) – 51 ° (WIDE) Vertical : 2.0 ° (TELE) – 39 ° (WIDE)
Pan/tilt	
Panning Range	360° Endless panning
Panning Speed	Manual : Approx. 0.065°/s – 150°/s Preset : Up to approx. 300°/s
Tilting Range	Operational range : –30° – +210° Recommended range : 0° – 180°
Tilting Speed	Manual : Approx. 0.065°/s – 150°/s Preset : Up to approx. 300°/s
Preset Positions	256 positions
Auto Mode	Auto track / Auto pan / Preset sequence / Patrol
Self Return	10 s / 20 s / 30 s / 1 min / 2 min / 3 min / 5 min / 10 min / 20 min / 30 min / 60 min
Browser GUI	
Camera Control	Pan/Tilt, Zoom, Focus, Auto mode, Brightness, Preset, AUX, Rec. on SD, Log, Viewer software
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
Network	
Network IF	10Base-T / 100Base-TX, RJ45 connector
Resolution H.265/H.264/JPEG (MJPEG)	•[16 : 9] 1920×1080 / 1280×720 / 640×360 / 320×180 •[4 : 3] 2048×1536* / 1280×960 / 800×600 / VGA / 400×300 / QVGA *Used by super resolution techniques
H.265/H.264 -	Transmission Mode Constant bit rate / VBR / Frame rate / Best effort Transmission Type Unicast / Multicast
JPEG - Image Quality	10 steps
Smart Coding	Smart Facial Coding* : On(Smart Facial Coding) / On(AUTO VIQS) / Off *Smart Facial Coding is only available with Stream(1). 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.
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, RTP, FTP, SMTP, DNS, NTP, SNMP, DHCPv6, MLD, ICMP, ARP, IEEE 802.1X, DiffServ, SRTP, MQTT, LLDP IPv4: TCP/IP, UDP/IP, HTTP, HTTPS, RTSP, RTP, RTP/RTCP, FTP, SMTP, DHCP, DNS, DDNS, NTP, SNMP, UPnP, IGMP, ICMP, ARP, IEEE 802.1X, DiffServ, SRTP, MQTT, LLDP
Maximum concurrent access number	14 (Number of sessions that can connect to cameras at the same time) *Depends on network conditions
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 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, Command alarm, Audio detection alarm, Auto track alarm
Alarm Actions	SDXC/SDHC/SD memory recording, E-mail notification, HTTP alarm notification, Indication on browser, FTP image transfer, TCP alarm notification output

Input/Output	
Audio Input	ø3.5 mm stereo mini jack (Audio input is monaural.) Input impedance: Approx. 2 kΩ (unbalanced) (Applicable microphone : Plug-in power type) Supply voltage : 4.0 V ±0.5 V
Audio Output	ø3.5 mm stereo mini jack (Audio output is monaural.), Output impedance : Approx. 600 Ω (unbalanced)
External I/O Terminals	ALARM IN1(Alarm input 1/ Black & white input/ Auto time adjustment input), ALARM IN2(Alarm input 2/ ALARM OUT), ALARM IN3 (Alarm input 3/ AUX OUT) (x1 for each)
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 ClassA, EN55035
Power Source and Power Consumption	AC24 V 3.4 A, Approx. 55 W PoE+ (IEEE802.3at compliant): DC 54V 470 mA, Approx. 25 W(Class4 device) Tested POE Injector (60 W) : DC 54V 1.0 A, Approx. 50 W
Ambient Operating Temperature	-40 °C to +60 °C {-40 °F to +140 °F} (AC 24 V/ Tested PoE injector (60 W)) -30 °C to +60 °C {-22 °F to +140 °F} (PoE+ device) {Power On range: -30 °C to +60 °C (-22 °F to +140 °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 (IEC62262)
Wind Resistance	Up to 40 m/s {approx. 89 mph}
Salt Damage Resistance	ISO14993 compliant
Dimensions	Maximum ø249 mm × 465 mm (H){ø9-13/16 inches × 18-5/16 inches (H)}
Mass (Approx.)	Approx. 8.2kg {18.10 lbs} (including attachment pipe : Approx. 200 g {0.44 lbs} and cable cover.)
Finish	Main body : Aluminum die cast, Fine silver Outer fixing screws : Stainless steel (Corrosion-resistant treatment) Front Panel : Polycarbonate resin(with ClearSight coating),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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 - ONVIF is a trademark of ONVIF, Inc.
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OPTIONAL ACCESSORIES

Select a compatible accessory

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



WV-QWL504-W
Mount Bracket



WV-QCL500-S
Mount Bracket



WV-QCL101-W
Mount Bracket



WV-QAT501-S
Attachment pipe



WV-Q189
Mount Bracket



WV-Q188
Mount Bracket



WV-Q122A
Mount Bracket



WV-Q121B
Mount Bracket



WV-X65F1
Unit



WV-SDA512G
i-PRO SD Memory Card



WV-SDA256G
i-PRO SD Memory Card



WV-SDA128G
i-PRO SD Memory Card



WV-SDA064G
i-PRO SD Memory Card



WV-SDA032G
i-PRO SD Memory Card

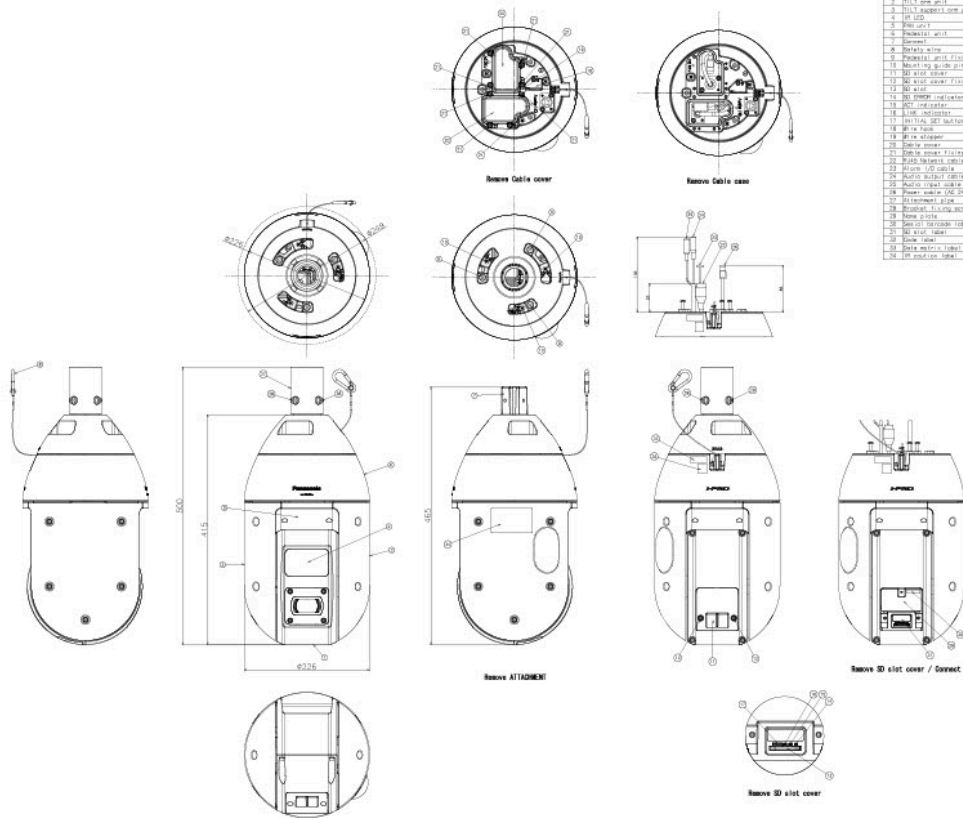


WJ-PU201P
PoE Injector



WJ-PU201/G
PoE Injector

APPEARANCE



No.	Part Name	Material	Process Remark
1	Temple unit	-	
2	Ball screw pin	-	
3	Ball screw cover pin	-	
4	IR LED	-	
5	Spacer	-	
6	Hex nut	-	
7	Spacer	Aluminum die cast	
8	Bracket screw	Stainless Steel	
9	Bracket pin / fixing screw	Stainless Steel M3 (Screw)	
10	Mounting guide pin	Steel (Screw)	
11	IR filter screw	Package	
12	ID slot cover / fixing screw	Stainless Steel M3 (Screw)	
13	ID card	-	
14	ID SWEEP indicator	-	
15	IR indicator	-	
16	Light indicator	-	
17	IR filter / IR indicator	-	
18	IR LED	Stainless Steel	
19	IR LED	ABS	
20	Spacer screw	SP-308 (Screw)	
21	Spacer screw / fixing screw	Stainless Steel M3 (Screw)	
22	Ball screw cover	-	
23	Mounting guide pin	-	
24	Ball screw cover / fixing screw	-	
25	Ball screw cover / fixing screw	-	
26	Power cable (AC 220V)	-	
27	Attachment plate	Aluminum die cast	
28	Bracket fixing screw	Stainless Steel M3 (Screw)	
29	Ball screw	Plastic / P.V.C	Printing
30	Ball screw (right)	Plastic / P.V.C	Printing
31	ID card	Plastic / P.V.C	Printing
32	Ball screw	Plastic / P.V.C	Printing
33	Ball screw	Plastic / P.V.C	Printing
34	ID card	Plastic / P.V.C	Printing
35	ID card	Plastic / P.V.C	Printing
36	ID card	Plastic / P.V.C	Printing
37	ID card	Plastic / P.V.C	Printing
38	ID card	Plastic / P.V.C	Printing
39	ID card	Plastic / P.V.C	Printing
40	ID card	Plastic / P.V.C	Printing
41	ID card	Plastic / P.V.C	Printing
42	ID card	Plastic / P.V.C	Printing
43	ID card	Plastic / P.V.C	Printing
44	ID card	Plastic / P.V.C	Printing
45	ID card	Plastic / P.V.C	Printing
46	ID card	Plastic / P.V.C	Printing
47	ID card	Plastic / P.V.C	Printing
48	ID card	Plastic / P.V.C	Printing
49	ID card	Plastic / P.V.C	Printing
50	ID card	Plastic / P.V.C	Printing
51	ID card	Plastic / P.V.C	Printing
52	ID card	Plastic / P.V.C	Printing
53	ID card	Plastic / P.V.C	Printing
54	ID card	Plastic / P.V.C	Printing
55	ID card	Plastic / P.V.C	Printing
56	ID card	Plastic / P.V.C	Printing
57	ID card	Plastic / P.V.C	Printing
58	ID card	Plastic / P.V.C	Printing
59	ID card	Plastic / P.V.C	Printing
60	ID card	Plastic / P.V.C	Printing
61	ID card	Plastic / P.V.C	Printing
62	ID card	Plastic / P.V.C	Printing
63	ID card	Plastic / P.V.C	Printing
64	ID card	Plastic / P.V.C	Printing
65	ID card	Plastic / P.V.C	Printing
66	ID card	Plastic / P.V.C	Printing
67	ID card	Plastic / P.V.C	Printing
68	ID card	Plastic / P.V.C	Printing
69	ID card	Plastic / P.V.C	Printing
70	ID card	Plastic / P.V.C	Printing
71	ID card	Plastic / P.V.C	Printing
72	ID card	Plastic / P.V.C	Printing
73	ID card	Plastic / P.V.C	Printing
74	ID card	Plastic / P.V.C	Printing
75	ID card	Plastic / P.V.C	Printing
76	ID card	Plastic / P.V.C	Printing
77	ID card	Plastic / P.V.C	Printing
78	ID card	Plastic / P.V.C	Printing
79	ID card	Plastic / P.V.C	Printing
80	ID card	Plastic / P.V.C	Printing
81	ID card	Plastic / P.V.C	Printing
82	ID card	Plastic / P.V.C	Printing
83	ID card	Plastic / P.V.C	Printing
84	ID card	Plastic / P.V.C	Printing
85	ID card	Plastic / P.V.C	Printing
86	ID card	Plastic / P.V.C	Printing
87	ID card	Plastic / P.V.C	Printing
88	ID card	Plastic / P.V.C	Printing
89	ID card	Plastic / P.V.C	Printing
90	ID card	Plastic / P.V.C	Printing
91	ID card	Plastic / P.V.C	Printing
92	ID card	Plastic / P.V.C	Printing
93	ID card	Plastic / P.V.C	Printing
94	ID card	Plastic / P.V.C	Printing
95	ID card	Plastic / P.V.C	Printing
96	ID card	Plastic / P.V.C	Printing
97	ID card	Plastic / P.V.C	Printing
98	ID card	Plastic / P.V.C	Printing
99	ID card	Plastic / P.V.C	Printing
100	ID card	Plastic / P.V.C	Printing