

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.
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)
Digital (Electronic) Zoom	16 x
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)	<ul style="list-style-type: none"> • [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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OPTIONAL ACCESSORIES

Select a compatible accessory

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



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



PWM25GS
Gooseneck Wall Mount



PWM25AGS
Gooseneck Wall Mount



PWM25AW
Gooseneck Wall Mount



PPRM35AW
Parapet Mount Bracket



PAPM4W
Pole Mount Bracket

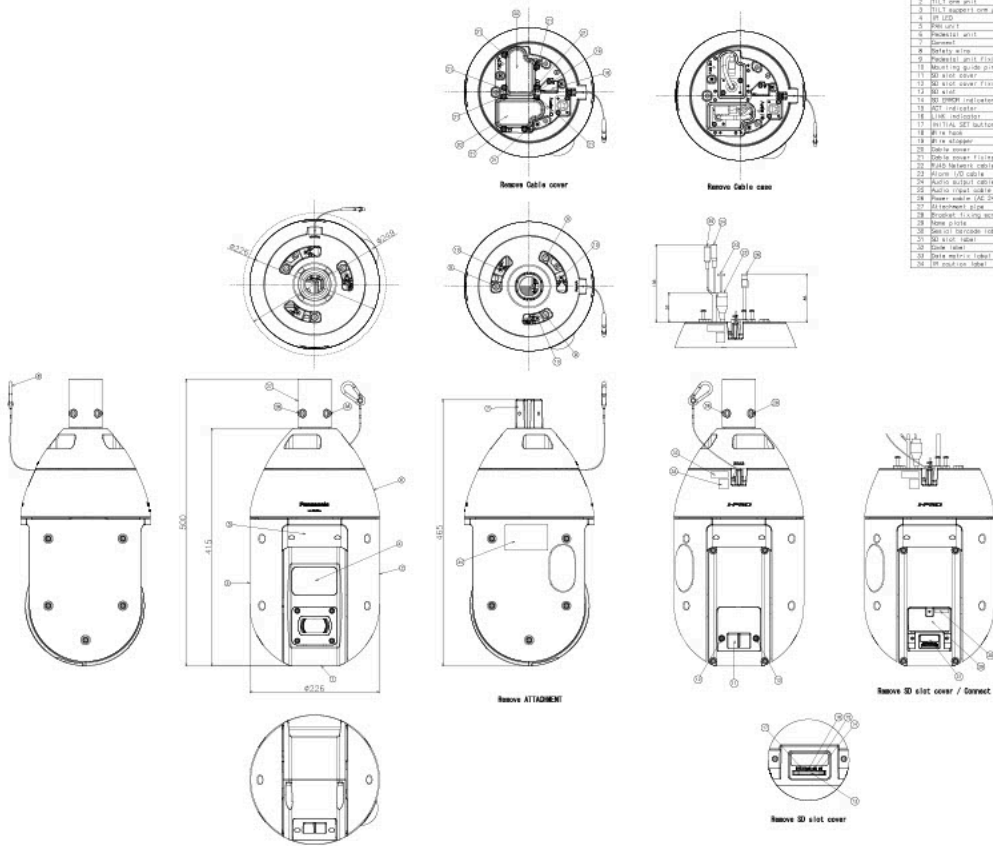


PACA4W
Corner Mount Adapter
Bracket



WV-X65F1
Unit

APPEARANCE



No.	PART NAME	Material	Process/Sheet
1	Bottom shell	-	-
2	Top shell	-	-
3	Top shell gasket	-	-
4	Top LCD	-	-
5	Top cap	-	-
6	Bottom shell	-	-
7	Bottom	Stainless steel	-
8	Bottom wire	Stainless Steel	-
9	Bottom shell fixing screw	Stainless Steel M3 (Depth)	-
10	Mounting guide pin	Steel (Sheet)	-
11	Bottom cover	PC/ABS	-
12	ID slot cover fixing screw	Stainless Steel M3 (Depth)	-
13	ID slot	-	-
14	ID display indicator	-	-
15	ID indicator	-	-
16	Light indicator	-	-
17	Initial SET button	-	-
18	Pin tool	Stainless Steel	-
19	ID pin stopper	ABS	-
20	Bottom cover	PC/ABS (Sheet)	-
21	Bottom cover fixing screw	Stainless Steel M3 (Depth)	-
22	Audio output cable (3.5mm)	-	Wire
23	Audio input cable (3.5mm)	-	Wire
24	Power cable (DC 5V)	-	Wire
25	Attachment plate	Aluminum plate	-
26	Attachment fixing screw	Stainless Steel M3 (Depth)	-
27	Home slide	Polycarbonate (Pin)	Printing
28	Home stop (tab)	Polycarbonate (Pin)	Printing
29	ID slot rubber (tab)	Polycarbonate (Pin)	Printing
30	ID slot rubber	Polycarbonate (Pin)	Printing
31	Slot cover	Polycarbonate (Pin)	Printing
32	Slot rubber (tab)	Polycarbonate (Pin)	Printing
33	Slot rubber	Polycarbonate (Pin)	Printing
34	ID indicator label	-	Label
35	ID indicator label	-	Label