

True 4K Kuppel-Netzwerk- Überwachungskamera für Außenbereiche – Elite-Produkt

WV-SFV781L

Vandalismussichere 4K-Kuppelkamera mit ClearSight-Beschichtung



KEY FEATURES

- 4K (3.840 x 2.160) Bilder bis 30 fps, 12 Megapixel (4.000 x 3.000) Bilder bis 15 fps
- 6-facher Ultraweitwinkel-Zoom mit neu entwickeltem 3-Drive-Objektivsystem
- Integriertes IR mit ca. 30 m Ausleuchtung, echte Tag-/Nachtfunktion (ICR)
- Intelligenter Schärfetiefen-Modus (DOF): Automatische Fokuserweiterung für nahe und ferne Objekte
- Panasonic VIQS-Technologie liefert Bilder in besonders hoher Auflösung für 8 ausgewählte Bereiche

Vandalismussichere Überwachungskamera für den Außenbereich mit echter 4K Auflösung

- 4K 6fach optisches Zoomobjektiv
- Hochempfindlicher 12-Megapixel-Sensor für 4K Kamera

- Hohe Auflösung, mehr als 2.000 TV-Linien
- Rain-Wash-Beschichtung für klare Sicht bei jedem Wetter
- Intelligente IR-LED für klare Aufnahmen unabhängig von den Lichtverhältnissen
- 4K Ultra Engine
- Intelligenter Schärfetiefen-Modus (DOF)

Jetzt brandneu: Die Ultra-High-Definition-Überwachungskamera WV-SFV781L von Panasonic mit der klarsten und schärfsten Bildqualität. Sie ist vandalismussicher und mit einer Vielzahl bahnbrechender Funktionen bepackt. Ihre innovative 4K-Technologie bietet extrem hohe Bildqualität, die dank unserer Kompressionstechnik gerade einmal ein Siebtel der Dateigröße anderer 4K Kameras beansprucht. Wir wissen, wie wichtig ein großer Bildwinkel bei HD-Kameras ist und haben sichergestellt, dass unsere Kameras mit echter 4K Auflösung in jedem Bildbereich kristallklare Bildschärfe bieten, im Zentrum ebenso wie in den Bildecken.



SPECIFICATIONS

Image Sensor	1/1.7 type MOS image sensor
Effective Pixels	Approx. 12.4 megapixels
Scanning Mode	Progressive scan
Scanning Area	7.40 mm (H) x 5.55 mm (V) {9/32 inches (H) x 7/32 inches (V)}
Minimum Illumination	Color : 0.3 lx, BW : 0.04 lx, BW(with IR LED) : 0 lx (F1.6, Maximum shutter 1/30s), Gain: High), Color : 0.02 lx, BW 0.003 lx (F1.6, Maximum shutter : Max. 16/30s, AGC: High)
IR LED Light	Off/Auto(High/Mid/Low)
IR LED Irradiation Distance	Approx. 30 m {98.43 feet}
White Balance	ATW1 (2,700 - 6,000 K), ATW2 (2,000 - 6,000 K), AWC (2,000 - 10,000 K)
Light Control Mode	Outdoor scene/ Indoor scene (50 Hz)/ Indoor scene (60 Hz)/ Fix shutter
Maximum Shutter	max. 1/1000 s, max. 1/500 s, max. 1/250 s, max. 1/120 s, max. 1/100 s, max. 2/120 s, max. 2/100 s, max. 1/30 s, max. 2/30 s, max. 4/30 s, max. 6/30 s, max. 10/30 s, max. 16/30 s
Shutter Speed	Off(1/30), 3/100, 3/120, 2/100, 2/120, 1/100, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10000
Wide Dynamic Range	On / Off
Adaptive Black Stretch	On / Off (only when Wide dynamic range: off)
Fog Compensation	On / Off (only when Wide dynamic range / Adaptive black stretch : Off)
High Light Compensation (HLC)	On / Off (only when Wide dynamic range / Black light compensation(BLC) : Off)
AGC	On (High) / On(Mid), On(Low) / Off
Day/Night (ICR)	Off / On / Auto1 (Normal) / Auto2 (IR Light) / Auto3 (SCC)
Digital Noise Reduction	High / Low
Privacy Zone	On / Off (up to 8 zones available)
VIQS	On / Off (up to 8 locations)
Camera Title (OSD)	On / Off, Up to 20 characters (alphanumeric characters, marks)
Focus Adjustment	AF/MANUAL(Html only)

Vari Focal Length	4.2 mm - 25.2 mm {5/32 inches – 1 inch}
Angular Field of View	[16 : 9 mode] Horizontal : 17 ° (TELE) - 96 ° (WIDE) Vertical : 9.3 ° (TELE) - 54 ° (WIDE) [4 : 3 mode] Horizontal : 17 ° (TELE) - 100 ° (WIDE) Vertical : 13 ° (TELE) - 75 ° (WIDE)
Maximum Aperture Ratio	1 : 1.6 (WIDE) - 1 : 3.3 (TELE)
Focusing Range	1.0 m - ∞
Cropping	H.264(1) Ch1 - Ch4 Up to 4 image capture areas can be specified. *only when Image capture mode : Cropping [16:9] (30fps mode)
Camera Control	Brightness, AUX On / Off
Display Mode	Spot, Quad: Image from 16 cameras can be displayed in 4 different Quad screens or 16 split screen (JPEG only). 20 characters camera title available.
Digital Zoom	1x, 2x, 4x controlled by browser GUI
Camera Title	Up to 20 alphanumeric characters
Clock Display	Time: 12H/24H, Date: 5 formats on the browser, Summer time (Manual)
Alarm Control	Reset
One Shot Capture	A still picture will be displayed on a newly opened window.
Audio	Mic (Line) Input : On / Off Volume adjustment : Low / Middle / High Audio Output : On / Off Volume adjustment : Low / Middle / High
SD Memory Data Download	Still or motion Images recorded in the SDXC/SDHC/SD memory card can be downloaded.
GUI/Setup Menu Language	English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese
System Log	Up to 100 (Internal) Up to 4,000 (SDXC/SDHC/SD memory) error logs
Supported OS	Microsoft® Windows® 8.1, Microsoft® Windows® 8, Microsoft® Windows® 7, Microsoft® Windows Vista®
Supported Browser	Windows® Internet Explorer® 11 (32 bit), Windows® Internet Explorer® 10 (32 bit), Windows® Internet Explorer® 9 (32 bit), Windows® Internet Explorer® 8 (32 bit), Windows® Internet Explorer® 7 (32 bit)
Network IF	10Base-T / 100Base-TX, RJ45 connector
Image Resolution	<ul style="list-style-type: none"> • 8 mega pixel [16:9] (30fps mode) H.264(1): 3,840 x 2,160, up to 30 fps JPEG(2): 640 x 360, up to 30 fps • 8 mega pixel [16:9] (15fps mode) H.264(1): 3,840 x 2,160, up to 15 fps H.264(2): 1,920 x 1,080 / 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps JPEG(1): Enables the setting of the resolution in the same way as for H.264 (1), H.264 (2), or JPEG (2). JPEG(2): 640 x 360 • 12 mega pixel [4:3] (15fps mode) H.264(1): 4,000 x 3,000, up to 15 fps H.264(2): 640 x 480 / 320 x 240, up to 5 fps JPEG(1): Enables the setting of the resolution in the same way as for H.264 (1), H.264 (2), or JPEG (2). JPEG(2): 640 x 480 • 5 mega pixel [4:3] (30fps mode) H.264(1): 2,560 x 1,920 / 2,048 x 1,536 / 1,280 x 960 / 800 x 600, up to 30 fps H.264(2): 1,600 x 1,200 / 1,280 x 960 / 800 x 600 / 640 x 480 / 320 x 240, up to 30 fps JPEG(1): Enables the setting of the resolution in the same way as for H.264 (1), H.264 (2), or JPEG (2). JPEG(2): 640 x 480 • 4 mega pixel [16:9] (30fps mode) H.264(1): 2,560 x 1,440 / 1,920 x 1,080 / 1,280 x 720, up to 30 fps H.264(2): 1,920 x 1,080 / 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps H.264(3): 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps H.264(4): 640 x 360, up to 30 fps JPEG(2): up to 30 fps • Cropping [16:9] (30fps mode) H.264(1): Ch1 1,280 x 720 / 640 x 360, up to 30 fps Cropping H.264(1): Ch2 1,280 x 720 / 640 x 360, up to 30 fps Cropping H.264(1): Ch3 1,280 x 720 / 640 x 360, up to 30 fps Cropping H.264(1): Ch4 1,280 x 720 / 640 x 360, up to 30 fps Cropping H.264(2): 1,920 x 1,080 / 1,280 x 720 / 640 x 360 / 320 x 180, up to 30 fps

	<p>JPEG(1): Enables the setting of the resolution in the same way as for H.264 (2) or JPEG (2). JPEG(2): 640 x 360</p>
H.264	<p>[Transmission priority] Constant bit rate / Variable bit rate / Frame rate / Best effort / Advanced VBR [Frame Rate]</p> <p>1 / 3 / 5* / 7.5* / 10* / 12* / 15* / 20* / 30* fps * The frame rate is limited to "bit rate". When a value with an asterisk (*) is selected, the actual frame rate may be lower than the value selected.</p> <p>[Bit Rate/Client] 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 / 4,096 / 6,144 / 8,192 / 10,240 / 12,288 / 14,336 / 16,384 / 20,480 / 24,576 / 30,720 / 40,960 kbps * The available range of the H.264 bit rate varies depending on the setting selected for "image capture size".</p> <p>[Image Quality] Low / Normal / Fine</p> <p>0 Super Fine / 1 Fine / 2 / 3 / 4 / 5 Normal / 6 / 7 / 8 / 9 Low [Refresh Interval] 0.2 / 0.25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5 s [Transmission Type] Unicast / Multicast</p>
JPEG	<p>[Image Quality] 10 steps [Refresh Interval] 0.1 fps - 30 fps (JPEG frame rate will be restricted when displaying both JPEG and H.264 images.) [Transmission Type] Pull / Push</p>
Audio Compression	G.726 (ADPCM) 32 kbps / 16 kbps, G.711 64 kbps / AAC-LC 64 kbps / 96 kbps / 128 kbps
Audio Mode	Off / Mic (Line) input / Audio output / Interactive (Half duplex) / Interactive (Full duplex)
Authentication for Audio	Level 1 only / Level 2 higher / All users
Supported Protocol	<p>IPv6: TCP/IP, UDP/IP, HTTP, HTTPS, FTP, SMTP, DNS, NTP, SNMP, DHCPv6, RTP, MLD, ICMP, ARP IPv4: TCP/IP, UDP/IP, HTTP, HTTPS, RTSP, RTP, RTP/RTCP, FTP, SMTP, DHCP, DNS, DDNS, NTP, SNMP, UPnP, IGMP, ICMP, ARP</p>
FTP Client	Alarm image transmission, FTP periodic transmission (When the FTP transmission is failed, backup on an optional SDXC/SDHC/SD memory card is available.)
SDXC/SDHC/SD Memory Card (Option)	<p># Manufactured by Panasonic (SD speed class 4 or higher) # Use the SD memory card that complies with UHS-1 (Ultra High Speed-1) in the case of SD Speed Class 10. H.264 recording: Manual REC / Alarm REC (Pre/Post) / Schedule REC / Backup upon network failure JPEG recording: Manual REC / Alarm REC (Pre/Post) / FTP error / Backup upon network failure Compatible SD (SDHC/SDXC) card: Panasonic 2 GB, 4 GB*, 8 GB*, 16 GB*, 32 GB*, 64GB** model *SDHC card, ** SDXC card (except miniSD card and microSD card)</p>
Cellular Phone Compatibility	JPEG image, AUX control (by access level)
Mobile Terminal Compatibility	iPad, iPhone, iPod touch (iOS 4.2.1 or later), Android™ mobile terminals
Alarm Source	3 terminals input, VMD, Command alarm
Alarm Actions	SDXC/SDHC/SD memory recording, E-mail notification, Indication on browser, FTP image transfer, Panasonic protocol output
Alarm Log	With SDXC/SDHC/SD memory card: 50,000 logs
Schedule	Alarm / VMD / Access permission / H.264 recording / Scene file / FTP periodic image transmission
Monitor Output (for Adjustment)	VBS: 1.0 V [p-p] / 75 Ω, NTSC / PAL composite, RCA jack
Audio Output	<p>ø3.5 mm stereo mini jack Output impedance: Approx. 600 Ω (unbalanced) / Output level: -20 dBV Can be used as the monitor output by switching browser GUI.</p>
External I/O Terminals	ALARM IN1 (DAY/NIGHT IN), ALARM IN2 (ALARM OUT), ALARM IN3 (AUX OUT, DAY/NIGHT OUT)

Safety	UL (UL60950-1, UL60950-22), C-UL (CAN/CSA C22.2 No.60950-1), CE, IEC60950-1
EMC	FCC (Part15 ClassA), ICES003 ClassA, EN55023 ClassB, EN55022 ClassB, EN55024
Power Source and Power Consumption	DC 12V : 1050 mA / Approx. 12.6 W PoE (IEEE802.3af compliant) / PoE DC 48 V: 265 mA /Approx. 12.95 W (Class 0 device) * FOR UL LISTED MODEL(S), ONLY CONNECT 12 V DC CLASS 2 POWER SUPPLY.
Ambient Operating Temperature	-45 °C to +50 °C {-49 °F to 122 °F}
Ambient Operating Humidity	10 to 90 % (no condensation)
Impact Protection	Compliant with IK10 (IEC 62262)
Water and Dust Resistance	Main body : IP66 (IEC60529), Type 4X(UL50), NEMA 4X compliant
Dimensions	When using the attachment plate : ø228 mm x 189 mm (H) {ø8-31/32 inches x 7-7/16 inches (H)}, Dome radius 80 mm {3-5/32 inches} When using the base bracket: ø228 mm x 225 mm (H) {ø8-31/32 inches x 8-27/32 inches (H)}, Dome radius 80 mm {3-5/32 inches}
Mass (Approx.)	When using the attachment plate : Approx. 3.2 kg {7.05 lbs} When using the base bracket : Approx. 3.7 kg {8.16 lbs}
Finish	Main body : Aluminum die cast, light gray, Dome section : Clear polycarbonate resin (Rain wash coating)
Others	Tamper-resistant enclosure
Microphone/Line Input	[For microphone input] Recommended applicable microphone: Plug-in power type Supply voltage: 2.5 V ±0.5 V Recommended sensitivity of microphone: -48 dB±3 dB (0 dB=1 V/Pa, 1 kHz) [For line input] Input level: Approx. -10 dBV
Adjusting Angle	Horizontal: ±180 °, Vertical: 0 to 85 ° Image tilt adjustment range: -45° (Left) to +300° (Right)
Maximum Concurrent Access Number	Up to 14 users (Depends on network conditions)
Video Motion Detection (VMD)	On / Off, 4 areas available

URL: https://business.panasonic.de/sicherheitslosungen/4k_kuppel-netzwerk-ueberwachungskamera-aussenbereiche/WV-SFV781

CONTACT

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