

Full-HD PTZ dome Network Camera

WV-S6131

40x iA(intelligent Auto) H.265 PTZ Camera



KEY FEATURES

- Extreme image quality for evidence capturing under challenging conditions
- Extreme H.265 compression with new Smart Coding
- Extreme Data Security
- Full-HD 1920x1080 60fps
- 40x optical zoom

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- 40x optical zoom
- Durable Pan/Tilt gear mechanism
- Intelligent Auto (iA) feature provides increased discernibility even in environments with poor visibility
- Extreme Super Dynamic technologies deliver 144 dB wide dynamic range
- Color night vision (0.001 to 0.015 lx)

Extreme image quality for evidence capturing under challenging conditions

- Long-distance vision with high power 40x zoom lens
- Sharp and clear image of fast moving vehicles with Intelligent Auto
- Outstanding low light performance in true color with low noise for night time applications
- Super Dynamic 144dB for backlit situation by headlights and shadows on the streets at night
- Long life Pan/Tilt gear mechanism

Extreme H.265 compression with new Smart Coding

- Longer recording, less storage compared to H.264 based compression techniques
- New self-learning ROI* encoding (Auto VIQS) dynamically detect motion areas to keep vehicles and human in good picture quality while lowering your bandwidth

* Region of Interest

Extreme Data Security

- Full encryption SD card edge recording to keep your data safe
- FIPS 140-2 Level 1 compliant
- Full end-to-end system encryption with supported VMS and devices to protect from IP snooping/spoofing and detect data alteration

SPECIFICATIONS

Image Sensor	Approx. 1/2.8 type MOS image sensor
Minimum Illumination	Color : 0.015 lx, BW : 0.006 lx (F1.6, Maximum shutter : Off (1/30s), AGC : 11) 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	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 / Auto1 (Normal) / Auto2 (IR Light) / Auto3 (SCC)
Video Motion Detection (VMD)	On / Off, 4 areas available
Intelligent VMD (i-VMD)	Type 4 *optional plug-in software WV-SAE200
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)
Zoom Ratio	40x Optical 60x with HD Extra Optical Zoom (Resolution 1280×720.)
Digital (Electronic) Zoom	16x
Focal Length	4.25 mm – 170 mm {5/32 inches – 6-11/16 inches}
Maximum Aperture Ratio	1 : 1.6 (WIDE) – 1 : 4.95 (TELE)
Focus Range	3.0 m {9 ft 10-1/8 inches} – ∞
Angular Field of View	[16 : 9 mode] Horizontal : 1.9 ° (TELE) – 66 ° (WIDE) Vertical : 1.1 ° (TELE) – 39 ° (WIDE) [4 : 3 mode] Horizontal : 1.4 ° (TELE) – 51 ° (WIDE) Vertical : 1.1 ° (TELE) – 39 ° (WIDE)
Panning Range	360° Endless panning
Panning Speed	Manual : Approx. 0.065°/s – 120°/s Preset : Up to approx. 300°/s
Tilting Range	–25° to 205° (level-downward-level)
Tilting Speed	Manual : Approx. 0.065°/s – 120°/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
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 IF	10Base-T / 100Base-TX, RJ45 connector
Resolution H.265/ H.264 JPEG (MJPEG)	•2 mega pixel [16 : 9] (30/60 fps) 1920×1080, 1280×720, 640×360, 320×180 •3 mega pixel [4 : 3] (30 fps) 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(Advanced)* / On(Low)/ On(Mid)/ Off * On(Advanced) is 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 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
Maximum Concurrent Access Number	Up to 14 users (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™ mobile terminals
Alarm Source	3 terminals input, VMD alarm*6, 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, Panasonic protocol output
Audio Input	ø3.5 mm stereo mini jack (monaural input) 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 (monaural output) Output impedance : Approx. 600 Ω (unbalanced)
External I/O Terminals	ALARM IN 1 (Black & white input, Auto time adjustment input) (x1), ALARM IN 2 (ALARM OUT) (x1), ALARM IN 3 (AUX OUT) (x1)
Power Source and Power Consumption	DC12 V 1 A, Approx. 12 W PoE(IEEE802.3af compliant) DC48 V 250 mA, Approx. 12 W (Class0 device)
Ambient Operating Temperature	-10°C to +50°C (14 °F to 122 °F)
Ambient Operating Humidity	10 to 90 % (no condensation)
Dimensions	Maximum ø185 mm × 214 (H) mm {ø7-9/32 inches × 8-7/16 inches (H)} (including the decorative covers)
Mass (Approx.)	Approx. 1.74 kg {3.84 lbs} Including camera mount bracket, decorative cover : Approx. 240 g {0.53 lbs}
Finish	Camera : ABS resin (Coating color : Black) Decorative cover : ABS resin (Resin color : Sail white)

Web: <https://business.panasonic.com.vn/security-solutions/contact-us>