



iA (intelligent Auto) H.265 Compact Dome Camera

Panasonic WV-S3531L is a compact & simple design multifunction camera that achieves high visibility even under extreme conditions and can be placed in a small space without damaging the landscape. Intelligent Auto (iA) allows the camera to automatically adjust the key settings in real-time depending on the scenery and movement, reducing distortion such as motion blur and moving objects. New industry-leading 144dB dynamic range delivers balanced scene exposure in dynamic and extreme-backlit lighting environments. In addition, oldor night vision provides outstanding low-light performance with accurate color rendition and saturation from I-Pro's 1/3" sensor, rivaling the performance of costlier 1/2" sensor ameras in the market. The adopted H.265 Smart Coding technology, intelligently reduces bandwidth efficiency of up to 95% more than conventional H.264 for longer recording and less storage. Cameras out-of-the-box, support full data encryption streaming and is compliant to FIPS 140-2 Level 1 standards to keep your video secured.

"Value in Advanced mode with Smart Facial Coding depends on scene.

Extreme image quality allows evidence to be captured even under challenging conditions

- Auto Shutter speed control for fast moving objects with Intelligent Auto
 Sharp and clear images of a walking person day & night
 Outstanding low light performance in true color with low noise for night time applications
- Super Dynamic 144dB for backlit situations involving headlights and shadows on night streets
 Built-in IR LED to produce a clear monochrome image in 0 lux conditions with 15 m (49 feet) irradiation distance
- Wide area surveillance even in compact design. moreover, corridor mode to survey vertically long area. - Environmental durability : IP66, IK10

Extreme H.265 compression with new Smart Coding

- Longer recording and less storage compared to any H.264 based compression techniques
 New self-learning ROI* encoding (Auto VIQS) detects movement within the image and compresses the areas with little motion in order to reduce transmitted data while maintaining the quality of the image.

Bank (ATM)

- New "Smart Facial Coding" adds more bandwidth reduction for ID camera applications mainly capturing faces "Region of Interest

Extreme Data Security

- Full encryption microSDXC/microSDHC/microSD card edge recording to keep your data safe
 FIPS 140-2 Level 1 compliant

- Tall charto-cha system charyption with supported vivio and devices to protect
from IP snooping/spoofing and detect data alteration

- Key Features • Full HD 1080p 60fps
- iA (intelligent Auto)Extreme Super Dynamic 144dB
- Color night vision (0.0019 to 0.03 lx) H.265 Smart Coding
- Built-in IR LED









amera	ra Image Sensor		Approx. 1/3 type CMCS image sensor Color: 0.03 tx, BW: 0.015 tx (P2.3, Macertum shutter: Off (1/30s), AGC: 11) BW: 0.tx (P2.3, Macertum shutter: Off (1/30 s), AGC: 11, when the IR LED is 16)	Network	Audio Compression	G.726 (ADPCM): 16 kbps / 32 kbps		
	Minimum Bumination					G.711 : 64 kbps		
						AAC-LC ⁻⁷ : 64 kbps / 96 kbps / 128 kbps		
					Supported Protocol	IPv6: TCP/IP, UDP/IP, HTTP, HTTPS, RTP, FTP, SMTP, DNS,		
						SNMP, DHCPv6, MLD, ICMP, ARP, IEEE 802.1X, DiffSe		
			Color: 0.0019 k, BW: 0.0009 k (F2.3, Maximum shutter: max. 16/30s, AGC: 11) '1			IPv4: TCP/IP, UDP/IP, HTTP, HTTPS, RTSP, RTP, RTP/RTCP		
						SMTP, DHCP, DNS, DDNS, NTP, SNMP, UPnP, IGMP, I		
	White Balance		AWC (2,000 - 10,000 K), ATW1 (2,700 - 6,000 K), ATW2 (2,000 - 6,000 K)			ARP, IEEE 802.1X, DiffServ		
	Maximum s		Max. 1/10000 s to Max. 16/30 s			Up to 14 users (Depends on network conditions)		
	Intelligent Auto		On/Off		microSD Memory Card***	H.265 / H.264 recording: Marius REC / Marm REC (Phi-Post) / Schiedule REC / Backsp upon network slaive. JEC necording: Marius REC / Marm REC (Phi-Post) / Backup upon network fall: Marius REC / Marm REC (Phi-Post) / Backup upon network fall: Compatible microSDXC/microSSDX-MicrosSD Memory Cerd : Philisenic 2 GB, 4 GB * GB * 32 GB * 64 GB * model **PrinceSDHC and ***PrinceSDXC and *** **MicroSDHC and ** **MicroSDHC and ***		
	Super Dynamic ¹² Dynamic Range Adaptive Black Stretch Back light compensation / High light compensation Fog compensation		On / Off, the level can be set in the range of 0 to 31.					
			144 dB typ. (Super Dynamic : On)					
			The level can be set in the range of 0 to 255.					
			BLC (Back light compensation) / HLC (High light compensation) / Off					
			(only when Super dynamic / Intelligent Auto : Off)					
			On / Off (only when Intelligent auto / auto contrast adjust : Off)					
	Maximum gain		The level can be set in the range of 0 to 11.					
	Color/BW (ICR)		Off / On (R Light Off) / On (R Light On) / Auto1 (R Light Off) / Auto2 (R Light On) / Auto2 (SOC)			iPad, iPhone, Android™ mobile terminals		
	IR LED Light		High / Middle / Low / Off, Maximum irradiation distance : 15 m (Approx. 49 ft)	Alarm	Alarm Source	VMD alarm ¹¹³ , Command alarm, Audio detection alarm		
	Digital Noise Reduction		The level can be set in the range of 0 to 255. On / Off, 4 areas available		Alarm Actions	microSDXC/microSDHC/microSD memory recording, E-mail notif		
						HTTP alarm notification Indication on browser, FTP image transfe		
	Intelligent VMD (i-VMD)*3		Type 4 "optional plug-in software WV-SAE200			Panasonic alarm protocol output		
	Privacy Zone		On / Off (up to 8 zones available)	Input/	Built-in microphone	Nondirectional electret condenser microphone		
	Image rotation'4		0 ° / 90 ° / 180 '(Upside-down) / 270 °	Output				
	Mirror		On / Off			UL (UL60950-1 2Ed), c-UL (CAN/CSA C22. NO.60950-1-07), CE, IECI		
	Camera Title (OSD)		On / Off Up to 20 characters (alphanumeric characters, marks)		EMC	FCC (Part15 Subpart B, ClassA, SDoC), ICES-003 ClassA,		
.ens	Zoom Ratio		1 x Optical			EN55032 ClassB, EN55024, ECE-R10, EN50498, EN50121		
	Digital (electronic) zoom		Choose from 3 levels of x1, x2, x4		Power Source and	PoE (IEEE802.3af compliant) Device :		
	Focal length		2.8 mm (1/8 inches)		Power Consumption	DC48 V 80 mA, Approx. 3.8 W (Class 2 device)		
	Angular Field of View		[16 : 9 mode] Horizontal : 108" Vertical : 60" [4 : 3 mode] Horizontal : 69" Vertical : 66"		Ambient Operating	-30 °C to +50 °C (-22 °F to 122 °F)		
					Temperature	(Power on range : -20 °C to +50 °C (-4 °F to +122 °F))		
						10 to 100 % (no condensation)		
						IP66 (EC60529), Type 4X(UL50), NEMA 4X compliant		
	Maximum Aperture Ratio		1:23		Shock Resistance	IK10 (EC 62262)		
	Focus range g Angle		0.5 m (19-11/16 inches) - = Horizontal (PAN) angle : ±46°, Vertical (TILT) angle : 0 to +90°,		Railway Application	EN50155: 2017 Class OT2/ST2 (EN 50155: 2007 Class TX), IEO622		
Adjusting					Dimensions	a109 mm x 53 mm (H) (a4-9/32 inches x 2-3/32 inches (H))		
			Azimuth (YAW) angle : ±90"			Dome radius 27 mm (1-1/16 inches)		
	Camera Control		Brightness		Mass (approx.)	Approx. 410 g (0.91 lbs)		
JUE	GUI /		English, Italian, French, German, Spanish, Portuguese, Russian,		Finish	Main body : Aluminum die cast, Light gray		
	Setup Menu Language		Chinese, Japanese			Dome section : Polycarbonate resin, Clear		
letwork	Network IF		10Base-T / 100Base-TX, RJ45 connector	"I Converted value				
	Resolution		+2 mega pixel [16 : 9] (30/60 fps)	"2 Super Dynamic function is automatically set off on 00 fps mode. "3 Smart Facial Coding, HVMD can not be used at the same time, "4 Settings of [80] and [270] are only available for the [16 : 9 mode]. "5 Used by tuper resolution techniques				
	H.265/ H.264 JPEG (MJPEG)		1,920 x 1,080 / 1,280 x 720 / 640 x 360 / 320 x 180					
			+3 mega pixel [4 : 3] (30 fps)					
			2,048 x 1,536% / 1,280 x 960 / 800 x 600 / 640 x 480 / 400 x 300 / 320 x 240					
			Constant bit rate / VBR / Frame rate / Best effort		rission for 4 streams can be it			
		nsmission Type	Unicast / Multicast	"7 When recording audio on an mid		DXC/microSDHC/microSD memory card,		
	JPEG Image Quality		10 steps	only use AAC-LC (Advanced Audio Coding - Low Complexity). The replacement cycle (tagged of a microSS memory caid offlers from that of a standard size SD memory and offlers from that of a standard size SD memory of the script is excurbly parasonic comfusipport/risfor (Control Not. C0117>). For distallar, check the content of the Planasonic Support Web Size				
	Smart Coding		GOP(Group of pictures) control					
			[When H.264 is selected] Off / On(Low) / On(Mid)					
			[When H.265 is selected] Off / On(Low) / On(Mid) /					
			On(Advanced) / On(Frame rate control)					
			Smart Facial Coding*		(https://security.panasonic.com/support/info/ «Control No.: C0107» «Control No.: C0306» «Control No.:			
			Off / On(AUTO WQS) / On(Smart Facial Coding)	*10 Including alarms from Plug-in Software				
			"Smart Facial Coding is only available with Stream(1).					







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