Panasonic BUSINESS

WV-U2532LA

New U-series compact network camera with enhanced functions and affordability

Full HD Varifocal Lens Outdoor Dome Network Camera

The new U series is an entry model that achieves high quality and reliability at an affordable price to meet the needs of a wide range of customers. The compact and slim design allows it to be installed in a various locations.

It newly supports ONVIF G / S / T profile and H.265 / H.264, and can be widely used for connecting various VMS and recorders. It also comes pre-installed with secure certificates, enabling device authentication and end-to-end communication encryption to counter the threat of advanced cyberattacks.

Key features

- Compact and slim design allows installation in various locations
- Compliant with ONVIF G / S / T profile and H.265 / H.264, and can support a wide range of connections to VMS and recorders
- Uses "Easy Kitting Packing" that allows you to set the camera without removing it from the box
- Strengthen cyber security by pre-installing digital certificates issued by a third party organization (GlobalSign)

Key i-PRO Spec.

- Full HD 1080p up to 30fps
- 2.5x built-in motorized zoom and motorized focus lens
- iA (intelligent Auto)
- Super Dynamic 120dB
- Color night vision (0.006 to 0.1 lx)
- H.265 Smart Coding
- Corridor mode

(90 degrees or 270 degrees in image rotation)

- Built-in IR LED
- ONVIF Profile G / S / T

Industry examples

- Safe Cities
- Transportation (Airport / Train, Subway station)
- Bank (ATM, Entrance)
- Retail / Logistics / Education / Hospital / Building







Specifications

spec	ifications						
Camera	Image Sensor	Approx. 1/3 type CMOS image sensor					
	Minimum Illumination	Color: 0.1 lx, BW: 0.04 lx					
		(50IRE, F2.0, Maximum shutter: Off (1/30s), AGC: 11)					
		BW : 0 lx {0 footcandle}					
		(50IRE, F2.0, Maximum shutter: OFF (1/30 s), AGC: 11, when the IR LED is lit)					
		Color: 0.006 lx, BW: 0.0025 lx					
		(50IRE, F2.0, Maximum shutter: max. 16/30s, AGC: 11) *1					
	White Balance	ATW1/ ATW2/ AWC					
	Maximum shutter	[30fps mode] Max. 1/10000 s to Max. 16/30 s					
		[25fps mode] Max. 1/10000 s to Max. 16/25 s					
	Intelligent Auto	On / Off					
	Super Dynamic	On / Off, The level can be set in the range of 0 to 31.					
	Dynamic Range	Max.120 dB (Super Dynamic: On, Level: 31)					
	Adaptive Black Stretch	_					
	Back light compensation /	BLC/ HLC/ Off					
	High light compensation	(only when Super Dynamic/ Intelligent auto: Off)					
	Fog compensation	On / Off, The level can be set in the range of 0 to 8.					
		(only when Intelligent auto / auto contrast adjust: Off)					
	Maximum gain (AGC)	The level can be set in the range of 0 to 11.					
	Color/BW (ICR)	Off/ On (IR Light Off) / On (IR Light On) / Auto1 (IR Light Off) / Auto2 (IR Light On) / Auto3 (SCC)					
	IR LED Light	High/ Middle/ Low/ Off Maximum irradiation distance: 30 m {Approx. 100 ft} The level can be set in the range of 0 to 255.					
	Digital Noise Reduction						
	Video Motion Detection (VMD)						
	Scene Change Detection(SCD)						
Privacy Zone		On / Off, Up to 8 zones available					
	Image rotation *2	0° (Off) / 90° / 180° (Upside-down) / 270°					
	Camera Title (OSD)	On / Off, Up to 20 characters (alphanumeric characters, marks)					
Lens	Focal length	2.9 mm - 7.3 mm {1/8inches-9/32inches}					
	Optical zoom	2.5x (Motorized zoom / Motorized focus)					
	Extra optical zoom	2.5x - 3.8x (when resolution is 1280x720)					
	Digital (electronic) zoom	Choose from 3 levels of x1, x2, x4					
	Angular Field of View	[16 : 9 mode]					
	J	Horizontal : 43° (TELE) – 100° (WIDE), Vertical : 24° (TELE) – 55° (WIDE)					
Maximum Aperture Ratio		[4:3 mode]					
		Horizontal: 35° (TELE) – 82° (WIDE), Vertical: 27° (TELE) – 61° (WIDE)					
		1: 2.0 (WIDE) -1: 3.0 (TELE)					
	Focusing Range	1 m {39-3/8 inches} - ∞					
DORI	Detect (25ppm / 8ppf)	Wide: 36.8 m /120.8 ft, Tele: 101.5 m / 333.0 ft					
	Observe (62.5ppm / 19ppf)	Wide: 14.7 m / 48.3 ft, Tele: 40.6 m / 133.2 ft					
	Recognize (125ppm / 38ppf)	Wide: 7.4 m / 24.2 ft, Tele: 20.3 m / 66.6 ft					
	Identify (250ppm / 76ppf)	Wide: 3.7 m / 12.1 ft, Tele: 10.1 m / 33.3 ft					
Adjusting	Ceiling mounting	_					
Angle	Wall mounting	_					
Browser	Camera Control	Brightness					
GUI	GUI /	English, Italian, French, German, Spanish, Portuguese, Russian,					
201	Setup Menu Language	Chinese, Japanese					
	mena canguage						

[&]quot;1 Converted value

1 Converted value

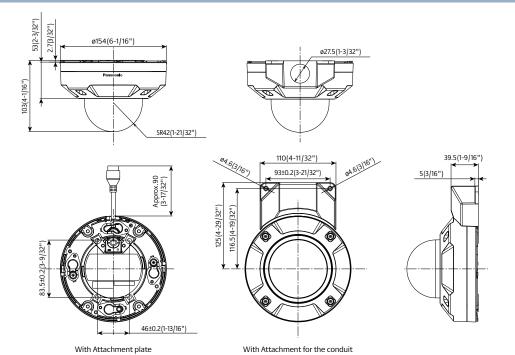
2 When "4:3(30fps mode)" or "4:3(25fps mode)" is selected for "Image capture mode", "90 °" and "270 °" cannot be selected.

3 Smart Coding(GOP and AUTO VIQS) is not available when setting 30fps.

4 Only when installation work is properly performed according to the Installation Guide and appropriate waterproof treatment is performed.

Network	Network IF		10Base-T / 100Base-TX, RJ45 connector						
	Resolution		[16 : 9 mode] 1920×1080, 1280×720, 640×360, 320×180						
	H.265/H.264		[4:3 mode] 1600×1200, 1280×960, VGA, QVGA						
	H.265/		Constant bit rate / VBR / Frame rate / Best effort						
	H.264	Transmission Mode							
		Transmission Type	Stream(1)	Stream(2)	Stream(3)	JPEG(1)	JPEG(2)		
		Max. frame rate for	1920x1080(30fps)		Off	1920x1080(1fps)	1280x720(1fps		
		each stream*3		1280x720(30fps)	Off	1920x1080(1fps)	1280x720(1fps		
		cacii sacaiii s			Off	1600x1200(1fps)			
	JPEG	Image Quality	1600x1200(30fps) 640x480(30fps) Off 1600x1200(1fps) 1280x960(1fps) 10 steps						
	Smart C	J (,		f nictures) con	trol:				
	, , , , , , , , , , , , , , , , , , ,		GOP(Group of pictures) control: On(Frame rate control) / On(Advanced) / On(Mid) / On(Low) / Off						
			*Frame rate control and Advanced are only available with H.265. AUTO VIOS: On / Off						
			AUTO VIQS. O	11/ 011					
	Audio Compression								
	Audio transmission mode		ID-C - TCD/ID	UDD/ID LITTE	LITTEC CCL/TL	C CMTD DNC	NTD		
	Supported Protocol		IPv6 : TCP/IP, UDP/IP, HTTP, HTTPS, SSL/TLS, SMTP, DNS, NTP,						
			SNMPv1/v2/v3, DHCPv6, RTP, MLD, ICMP, ARP, IEEE 802.1X, DiffSer						
			IPV4 : TCP/IP, UDP/IP, HTTP, HTTPS, SSL/TLS, RTSP, RTP, RTP/RTCP, SMTP, DHCP,						
			DNS, DDNS, NTP, SNMPv1/v2/v3, UPnP, IGMP, ICMP, ARP, IEEE 802.1X, DiffSer						
		imultaneous Users	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 RE						
			Available SDXC/SDHC/SD Memory Card :						
			microSDXC memory card: 64 GB, 128 GB, 256 GB, 512 GB						
			microSDHC memory card: 4 GB, 8 GB, 16 GB, 32 GB						
			microSD memory card: 2 GB						
	Mobile Terminal Compatibility		iPad, iPhone, Android™ terminals						
	ONVIF Profile		G/S/T						
Alarm	Alarm Source		VMD alarm, SCD alarm, Command alarm						
	Alarm Actions		SDXC/SDHC/SD memory recording, E-mail notification,						
			HTTP alarm notification Indication on browser, Panasonic alarm protocol output						
Input/	Monitor Output(for adjustment)		_						
Output	Audio input / Audio Output		_						
	External I/O Terminals		-						
General	Safety		UL (UL60950-1), c-UL (CSA C22.2 No.60950-1), CE, IEC60950-1						
	EMC		FCC (Part15 ClassA), ICESO03 ClassA, EN55032 ClassB, EN55024						
	Power S	ource and	PoE (IEEE802.3af compliant) Device:						
	Power C	Consumption	DC48 V 140 mA, Approx. 6.7 W (Class 0 device)						
	Ambien	t Operating	-30 °C to +50 °C (-22 °F to +122 °F)						
	Temper	ature	{Power On range: -20 °C to +50 °C (-4°F to +122 °F)}						
	Ambient Operating Humidity		10 to 100 % (no condensation)						
	Anti-Condensation System		Temish element						
	Water and Dust Resistance*4		IP66 (IEC 60529), Type 4X (UL50E), NEMA 4X compliant						
	Shock Resistance Dimensions		IK10 (IEC 62262)						
			ø154 mm (W) x 103 mm (H) {ø6-1/16 inches × 4-1/16 inches (H)}						
			Dome radius 42 mm {1-21/32 inches}						
	Mass (approx.)		1.0 kg {2.21 lbs.}						
	Finish		Main body: Aluminum die cast/ PC resin, i-PRO white						
			Outer fixing screws: Stainless steel (Corrosion-resistant treatment)						
			Outer fixing sc	rews: Stainless	teel (Corrosion	-resistant treat	ment)		

Appearance



Unit: mm (inches)

Optional Accessories

■ Mount Bracket / Other

	WALL			POLE		CORNER	HANGING			
	1	2	3	1		1	1	2		
	Wall Mount Bracket WV-QWL501-W (i-PRO white)	Wall Mount Bracket WV-QWL500-W (i-PRO white)	Sun Shade WV-QSR500-W (i-PRO white)	Pole Mount Bracket WV-QPL500-W (i-PRO white)		Corner Mount Bracket WV-QCN500-W (i-PRO white)	Ceiling Mount Bracket WV-QCL501-W (i-PRO white)	Ceiling Mount Bracket WV-QCL100-W '1 (i-PRO white)		
bination	- 0.							*For indoor installation only.		
com	Mount Bracket WV-QSR501-W (i-PRO white)	Adapter Box WV-QJB500-W (i-PRO white)	Base Bracket WV-QJB501-W (i-PRO white)	Wall Mount Bracket WV-QWL500-W (i-PRO w (+ wv-QJB500-W)	vhite)	Wall Mount Bracket WV-QWL500-W (i-PRO white) (+ WV-QJB500-W)	Mount Bracket WV-QSR501-W (i-PRO white)			
	8	*If needed.)) •	+		+ 0	4	3rd.parties pipe		
		05111110		071150	*1: It's possible to be used on the camera side and ceiling side. If used on both side, 2pieces are					

		OTHER		
	1	2	3	1
combination	Ceiling Mount Bracket (Embedded) WV-QEM500-W (i-PRO white)	Base Bracket WV-QJB501-W (i-PRO white)	Ceiling Mount Bracket WV-Q105A *For indoor installation only.	Attachment pipe (For 3rd party bracket) WV-QAT500-W (i-PRO white)
		Mount Bracket WV-QSR501-W (i-PRO white)		

Dome Cover



Dome Cover (Smoke type with ClearSight coating) WV-CW7SN



Dome Cover (Clear type with ClearSight coating) **WV-CW7CN**

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- Safety Precautions : Carefully read the Basic Information, Installation Guide and
- Operating Instructions before using this product.

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- Masses and dimensions are approximate. Specifications are subject to change without notice.

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Panasonic i-PRO Sensing Solutions Co., Ltd.

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