WV-U2132LA

2MP (1080p) Varifocal Lens Indoor Dome Network Camera

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

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.



- 2MP (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
- NDAA Compliant

SPECIFICATIONS

Camera	
Image Sensor	Approx. 1/3 type CMOS image sensor
Minimum Illumination	Color : 0.07 lx (30IRE, F2.0, 1/30s, AGC:11)* 0.1 lx (50IRE, F2.0, 1/30s, AGC:11) 0.006 lx (50IRE, F2.0, 16/30s, AGC:11)* BW : 0 lx (50IRE, F2.0, 1/30s, AGC:11, IR LED: On) 0.04 lx (50IRE, F2.0, 1/30s, AGC:11) 0.0025 lx (50IRE, F2.0, 16/30s, AGC:11)* *Converted value
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/High Light Compensation	BLC (Back light compensation) / HLC (High light compensation) / Off (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}
Digital Noise Reduction	The level can be set in the range of 0 to 255.
Video Motion Detection (VMD)	On / Off, 4 areas available
Scene Change Detection(SCD)	On / Off, 1 areas available
Privacy Zone	On / Off (up to 8 zones available)
Image Rotation	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 Optical zoom (Motorized zoom / Motorized focus) 3.3x FHD Extra Optical Zoom (when resolution is 1920x1080)
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] Horizontal : 42° (TELE) – 97° (WIDE) , Vertical : 23° (TELE) – 54° (WIDE) [4 : 3 mode] Horizontal : 31° (TELE) – 72° (WIDE) , Vertical : 23° (TELE) – 54° (WIDE)
Maximum Aperture Ratio	1 : 2.0 (WIDE) – 1 : 3.0 (TELE)
Focusing Range	1 m {39-3/8 inches} – ∞

DORI	
Detect (25ppm / 8ppf)	Wide: 36.2 m /118.7 ft, Tele: 98.5 m / 323.1 ft
Observe (62.5ppm / 19ppf)	Wide: 14.5 m / 47.5 ft, Tele: 39.4 m / 129.2 ft
Recognize (125ppm / 38ppf	Wide: 7.2 m / 23.7 ft, Tele: 19.7 m / 64.6 ft
Identify (250ppm / 76ppf)	Wide: 3.6 m / 11.9 ft, Tele: 9.8 m / 32.3 ft

Adjusting Angle	
Adjusting Angle	Horizontal (PAN) angle: ±180°, Vertical (TILT) angle: -30 °– +85 ° Azimuth (YAW) angle: ±100°

Browser GUI	
Camera Control	Brightness
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	[16 : 9 mode] 1920×1080, 1280×720, 640×360, 320×180 [4 : 3 mode] 1600×1200, 1280×960, VGA, QVGA
H.265/H.264	[Transmission Mode] Constant bit rate / VBR / Frame rate / Best effort [Transmission Type] Unicast / Multicast [Max. frame rate foreach stream] Stream(1) : 1920x1080(30fps) / 1280x720(30fps) / 1600x1200(30fps) Stream(2) : 640x360(30fps) / 1280x720(30fps) / 640x480(30fps) Stream(3) : Off / Off / Off JPEG(1) : 1920x1080(1fps) / 1920x1080(1fps) / 1600x1200(1fps) JPEG(2) : 1280x720(1fps) / 1280x720(1fps) / 1280x960(1fps)
JPEG	[Image Quality] 10 steps
Smart Coding	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 VIQS: On/ Off
Audio Compression	-
Audio Transmission Mode	-
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, DiffServ, MQTT, LLDP 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, DiffServ, MQTT, LLDP
No. of Simultaneous Users	Up to 14 users (Depends on network conditions)
Secure	Device Certificate GlobalSign® pre-installed, User authentication,Host authentication, HTTPS, 802.1X Support, Data encryption
SDXC/SDHC/SD Memory Card (Option)	H.265/H.264 recording: Manual REC / Alarm REC (Pre/Post) / Schedule REC Compatible 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, AndroidTM 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, TCP alarm notification output

Input/Output	
Audio input	-
Audio Output	-
External I/O Terminals	-
Monitor Output	-

General	
Safety	UL (UL60950-1), c-UL (CSA C22.2 No.60950-1), CE, IEC60950-1
EMC	FCC (Part15 ClassA), ICES003 ClassA, EN55032 ClassB, EN55035
Power Source and Power Consumption	PoE (IEEE802.3af compliant) Device : DC48 V 120 mA, Approx. 5.8 W (Class 2 device)
Ambient Operating Temperature	-10 °C to +50 °C (+14 °F to +122 °F) {Power On range: 0 °C to +50 °C (+32°F to +122 °F)}
Ambient Operating Humidity	10 to 90 % (no condensation)
Dimensions	ø129.5 mm x 101 mm (H) {ø5-3/32 inches x 3-31/32 inches (H)} Dome radius 40 mm {1-9/16 inches}
Mass (Approx.)	Approx. 350 g {0.77 lbs}
Finish	Main body : ABS resin, i-PRO white Dome cover : acrylic resin, 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)



WV-QWL506-W
4-screw Wall Mount Bracket



WV-QWL506M1-W
ANSI Male Wall Mount Bracket
(1.5"NPT)



WV-QWL500-W
Mount Bracket



WV-QSR100-W
Sun Shade



WV-QPL500-W
Mount Bracket



WV-QJB500-W
Mount Bracket



WV-QEM100-W
Mount Bracket



WV-QCN500-W
Mount Bracket



WV-QCL101-W
Mount Bracket



WV-QCL100-W
Mount Bracket



WV-Q105A
Mount Bracket



WV-QDC101C
Dome Cover



WV-CF5SA
Dome Cover



WV-SDB256G
i-PRO SD Memory Card



WV-SDB128G
i-PRO SD Memory Card

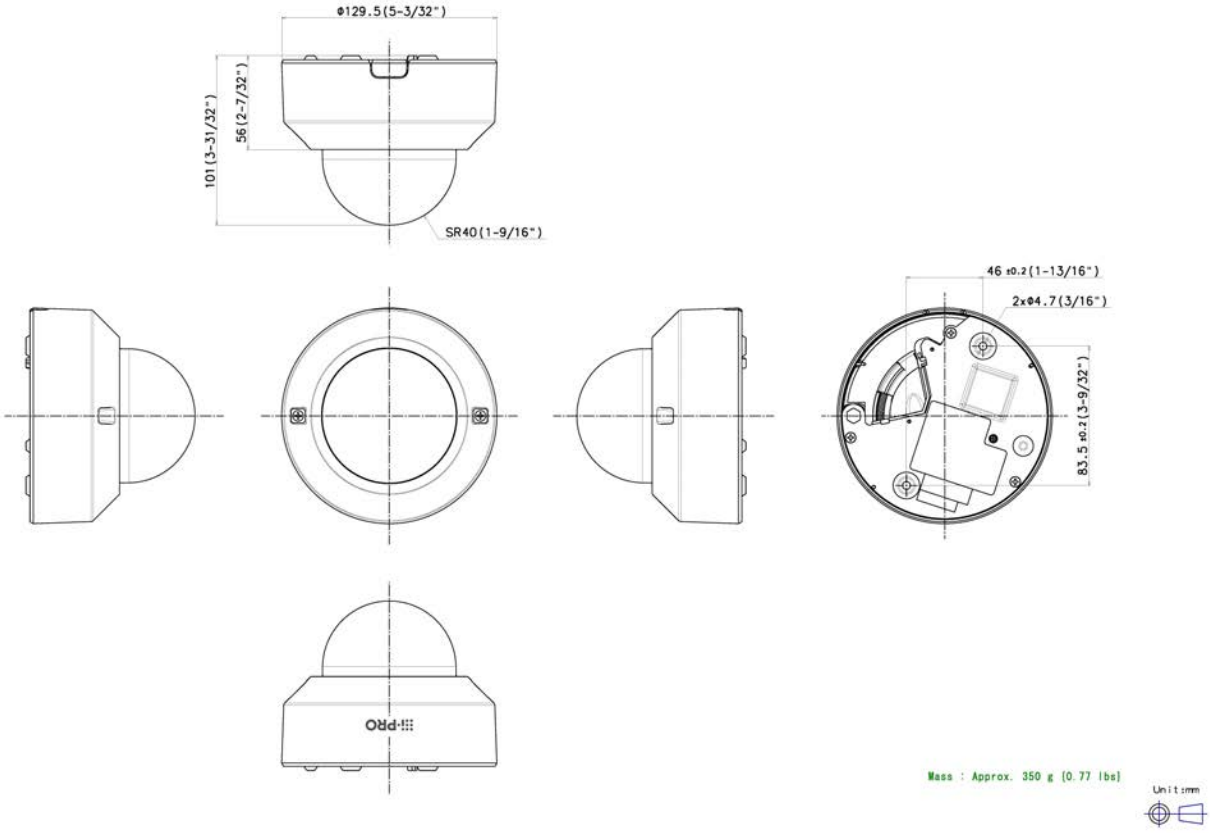


WV-SDB064G
i-PRO SD Memory Card



WV-SDB032G
i-PRO SD Memory Card

APPEARANCE


Φ129.5(5-3/32")
101(3-31/32")
56(2-7/32")
SR40(1-9/16")
46 ±0.2(1-13/16")
2xΦ4.7(3/16")
83.5 ±0.2(3-9/32")
Mass : Approx. 350 g (0.77 lbs)
Unit:mm