

WV-U11300-V2

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

New U-series compact network camera with built-in microphone



- 2MP(1080p) Indoor box camera
- Built-in microphone
- NDAA compliant

SPECIFICATIONS

Camera	
Image Sensor	Approx. 1/2.8 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 : 0.04 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)
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 / Auto1 (Normal) / Auto2 (IR Light) / Auto3 (SCC)
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	
Optical zoom	2.5x (Motorized zoom / Motorized focus)
Extra optical zoom	2.5x - 3.8x (when resolution is 1280x720)
Focal length	2.9 mm - 7.3 mm{1/8inches-9/32inches}
Angular Field of View	[16 : 9 mode] Horizontal : 43° (TELE) - 100° (WIDE), Vertical : 24° (TELE) - 56° (WIDE) [4 : 3 mode] Horizontal : 32° (TELE) - 74° (WIDE), Vertical : 24° (TELE) - 56° (WIDE)
Maximum Aperture Ratio	1 : 2.0 (WIDE) - 1 : 3.0(TELE)
Focus Range	1 m {39-3/8 inches} - ∞
DORI	
Detect (25ppm / 8ppf)	Wide: 32.2 m /105.7 ft, Tele: 97.5 m / 319.8 ft
Observe (62.5ppm / 19ppf)	Wide: 12.9 m / 42.3 ft, Tele: 39.0 m / 127.9 ft
Recognize (125ppm / 38ppf)	Wide: 6.4 m / 21.1 ft, Tele: 19.5 m / 64.0 ft

Identify (250ppm / 76ppf)	Wide: 3.2 m / 10.6 ft, Tele: 9.7 m / 32.0 ft
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Adjusting Angle

Adjusting Angle	-
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Browser GUI

GUI / Setup Menu Language	English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese
Browser	Microsoft Edge, Firefox, Google Chrome *1

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 for each 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 * AUTO VIQS will be automatically Off when Audio is On
Audio Compression	G.726 (ADPCM) 32 kbps/16 kbps, G.711 64 kbps, AAC-LC 64kbps/96kbps/128kbps *2
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, HTTPS, User authentication, Digest authentication, Host authentication, IEEE802.1X, System log, Image transmission log, Brute-force protection
SDXC/SDHC/SD Memory Card *3	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, 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, TCP alarm notification output

Input/Output

Monitor Output	-
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General

Safety	UL (UL62368-1), c-UL (CSA C22.2 No.62368-1), CE, IEC62368-1
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EMC	FCC (Part15 ClassA), ICES003 ClassA, EN55032 ClassB, EN55035
Power Source and Power Consumption	PoE (IEEE802.3af compliant): DC48 V 90 mA, Approx. 4.3 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 *Installing using the base bracket	59 mm (W) x 49 mm (H) x 116 mm (D) {2-5/16 inches (W) x 1-15/16 inches (H) x 4-9/16 inches (D)} (excluding side cover)
Mass (approx.)	Approx. 165 g { 0.36 lbs.}
Finish	Main body : PC / ABS resin, i-PRO white

NOTES

*1 For information on the operation verification of the web browsers, refer to our support website <Control No.: C0132>.

*2 AAC-LC is not available with ONVIF.

When using AAC-LC, no. of stream will be 2 and their max. frame rate will be 15fps or 12.5fps.

*3 Audio recording is not available with memory card.

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 \(i-pro.com\)](http://i-pro.com).

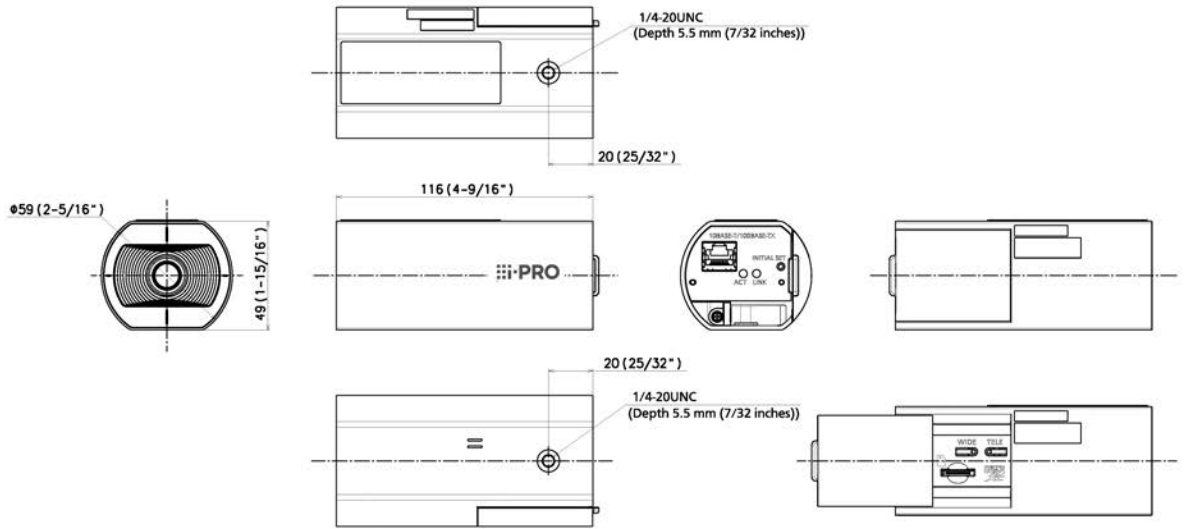


WV-QCL102-W
Universal Camera
Mount Bracket



WV-QLR100-W
Light Rail Mount
Bracket

APPEARANCE



Mass : Approx. 155 g [0.34 lbs]

Unit:mm