

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

2MP (1080p) Indoor Box 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.

- 2MP (1080p) up to 30fps
- 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)
- ONVIF® Profile G / S / T
*ONVIF is a trademark of ONVIF, Inc.
- Genetec Stratocast compatible

Industry examples

- Retail
- Education
- Public safety
- Bank / Hospital / Building



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) 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	The level can be set in the range of 0 to 255.				
	Back light compensation / High light compensation	BLC (Back light compensation) / HLC (High light compensation) / Off The level can be set in the range of 0 to 31. (only when Super dynamic / Intelligent Auto: Off)				
	Fog compensation	On / Off (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 area available				
	Privacy Zone	On / Off, Up to 8 zones available				
	VIQS	On / Off, Up to 8 zones available				
Lens	Image rotation ²⁾	0° (Off) / 90° 180° (Upside-down) / 270°				
	Camera Title (OSD)	On / Off, Up to 20 characters (alphanumeric characters, marks)				
	Focal length	3.2 mm(1/8 inches)				
	Optical zoom	1x				
	Extra zoom	1.0x - 1.5x(when resolution is 1280x720)				
	Digital (electronic) zoom	Choose from 3 levels of x1, x2, x4				
	Angular Field of View	[16 : 9 mode] Horizontal : 102°, Vertical : 55° [4 : 3 mode] Horizontal : 83°, Vertical : 61°				
	Maximum Aperture Ratio	1 : 2.0				
	Focus range	1 m (39-3/8 inches) ~ ∞				
	Detect (25ppm / 8ppf)	36.2 m / 118.7 ft				
DORI	Observe (62.5ppm / 19ppf)	14.5 m / 47.5 ft				
	Recognize (125ppm / 38ppf)	7.2 m / 23.7 ft				
	Identify (250ppm / 76ppf)	3.6 m / 11.9 ft				
	Camera Control	Brightness				
Browser GUI	GUI / Setup Menu Language	English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese				
	Network IF	10Base-T / 100Base-TX, RJ45 connector				
Network	Resolution	[16 : 9 mode] 1920×1080, 1280×720, 640×360, 320×180 [4 : 3 mode] 1600×1200, 1280×960, VGA, QVGA				
	H.265/H.264	Constant bit rate / VBR / Frame rate / Best effort				
	H.265/H.264	Transmission Mode	Unicast port(AUTO) / Unicast port(MANUAL) / Multicast			
	Max. frame rate for each stream ³⁾	Stream(1)	Stream(2)	Stream(3)	JPEG(1)	JPEG(2)
		1920x1080(30fps)	640x360(30fps)	Off	1920x1080(1fps)	1280x720(1fps)
		1280x720(30fps)	1280x720(30fps)	Off	1920x1080(1fps)	1280x720(1fps)
		1600x1200(30fps)	640x480(30fps)	Off	1600x1200(1fps)	1280x960(1fps)
JPEG	Image Quality	10 steps				

*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 It may be necessary to upgrade the firmware to use these protocols.

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