

2/3/4/5 Megapixel H.265+ Remote Focus&Zoom Pro Bullet Network Camera



IP67

Motorized Lens

UI-2A62-FIPCV/UI-3B62-FIPCV/
UI-4C62-FIPCV/UI-5D62-FIPCV

DATASHEET

KEY FEATURES

- ▶ **H.265+** (70~80% reduction in bandwidth, storage and bit rate compared with H.264.)
- ▶ **Smart IR II** (Combining the High Beam and Low Beam to adjust IR intensity to fit different lighting conditions.)
- ▶ **HLC** (High Light Compensation. Improving image visibility under strong light sources.)
- ▶ **P-Iris** (Giving you a more clear scene with depth of view.)
- ▶ **Defog** (Defog technology. Restoring clear images in hazy and foggy weather.)
- ▶ **Integrated Cable Management** (Combining the power interface, PoE port, and other interfaces in the base neatly.)
- ▶ **128G** (Supporting ultra-large external microSD/SDHC/SDXC card storage up to 128G.)

Video Content Analysis

Milesight VCA with 8 detection modes provides advanced, accurate smart video analysis for Milesight network cameras, enabling the comprehensive surveillance function and quicker response to different monitoring scenes.



0.002Lux Ultra Low-light

The starlight camera is able to deliver high detailed color images even in low light environment reaching 0.002Lux(Color) or 0Lux(B/W), and near infrared light environments without any supplementary lighting.

140dB Super WDR

Milesight's sensor-based WDR technology allows the camera to record greater scene details with true color reproduction even under the extreme back light and high contrast conditions. The ratio that the brightest light signal values divided by the darkest light signal values is up to 140dB.



60fps

The camera offers super high frame rate up to 60fps@1080P resolution which is double the number of frames offered by conventional HD network cameras. This technology enables the camera to capture stable and latency free clear images on fast moving objects.

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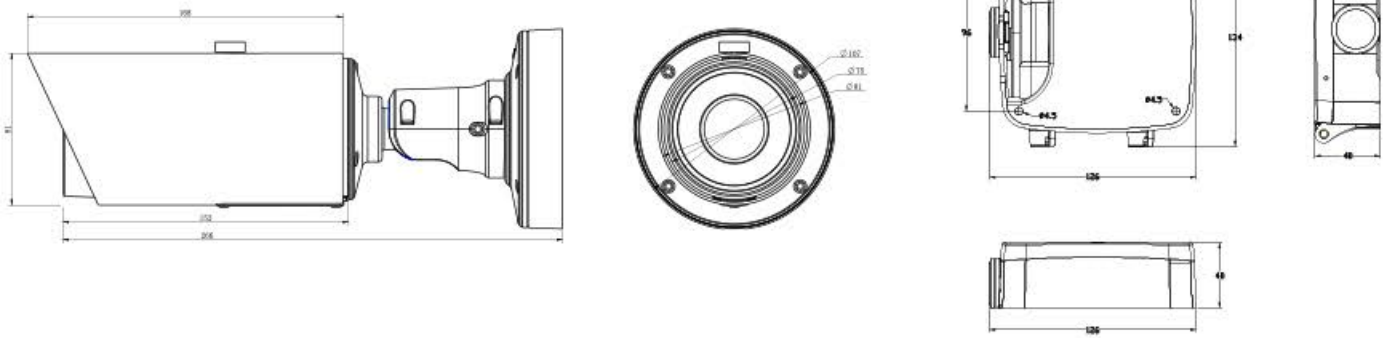
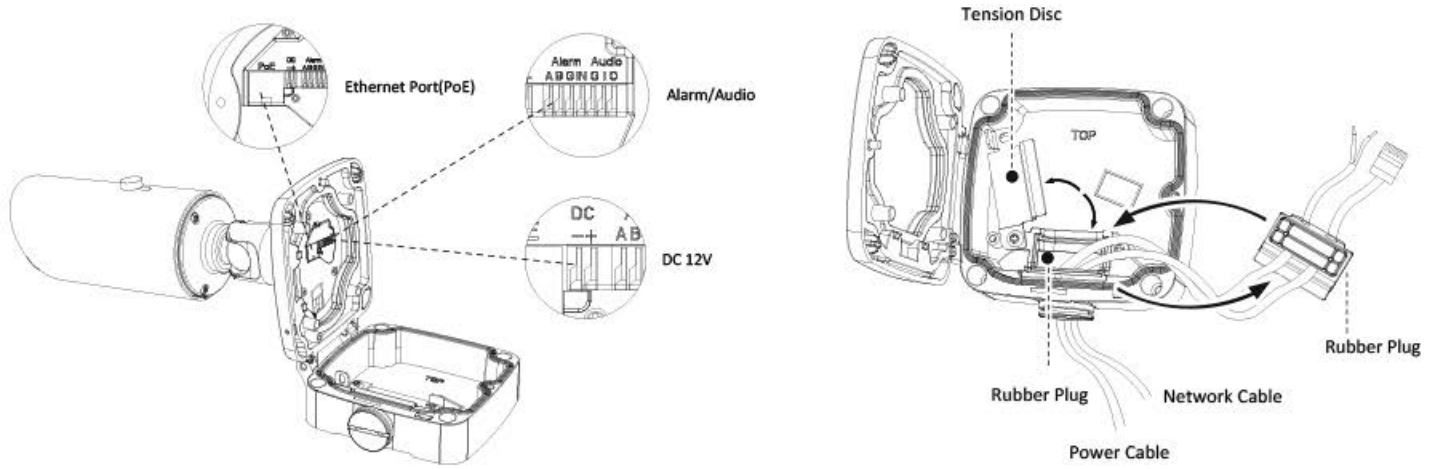


	Model	UI-2A62-FIPCV (2MP)	UI-3B62-FIPCV (3MP)	UI-4C62-FIPCV (4MP)	UI-5D62-FIPCV (5MP)
Camera	Image Sensor	1/2.8" Progressive Scan CMOS		1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS
	Min. Illumination	Color: 0.002Lux@F1.2 B/W: 0Lux with IR on	Color: 0.005Lux@F1.2 B/W: 0Lux with IR on	Color: 0.008Lux@F1.2 B/W: 0Lux with IR on	Color: 0.006Lux@F1.2 B/W: 0Lux with IR on
	WDR	Super WDR up to 140dB	Super WDR up to 120dB		
	Lens	Motorized 3.0-10.5mm/2.8-12mm/7-22mm @F1.4 P-Iris			
	Mount	Φ14			
	Field of View	90.2°~33.3° (3.0-10.5mm) 88.7°~34.5° (2.8-12mm) 37.6°~16.7° (7-22mm) Horizontal FOV	81.1°~30.8°(3.0-10.5mm) 76°~31.1° (2.8-12mm) 35.6°~15.4° (7-22mm) Horizontal FOV	82.9°~30.4° (3.0-10.5mm) 73°~31.3° (2.8-12mm) 33.2°~15.2° (7-22mm) Horizontal FOV	72.8°~29.9° (3.0-10.5mm) 67.2°~30.3° (2.8-12mm) 31.9°~17.4° (7-22mm) Horizontal FOV
	Shutter Time	1/100000s~1/5s			
	IR Distance	Up to			
Day&Night	ICR Filter Auto Switch				
Video	Max. Image Resolution	1920×1080	2048x1536	2592×1520	2560×1920
	Primary Stream	30fps@(1920×1080, 1280×960,1280×720, 704x576)	30fps@(2048x1536, 1920×1080, 1280×960, 1280×720, 704x576)	20fps@(2592×1520), 30fps@(2304x1296, 1920×1080, 1280×960, 1280×720, 704x576)	20fps@(2560×1920, 2592×1520), 30fps@(2304x1296, 1920×1080, 1280×960, 1280×720, 704x576)
	Secondary Stream	30fps@(704x576, 640×480, 640×360, 352x288, 320x240, 320x192, 320x176)			
	Tertiary Stream	30fps@(1920×1080, 1280×720, 704×576, 640×480, 640×360, 320×240, 320x192, 320x176)			
	Video Compression	H.265+/H.265(HEVC)/H.264+/H.264/MJPEG			
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)			
	Image Setting	Brightness/Contrast/Saturation/Sharpness			
Network	Ethernet	1*RJ45 10M/100M Ethernet Port			
	Network Storage	NAS(Support NFS, SMB/CIFS)			
	Protocol	IPv4/IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, SIP, PPPoE, VLAN, 802.1x			
Audio	Audio Compression	G.711/AAC			
	Audio I/O	1/1			
System	Alarm I/O	1/1			
	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 128G			
	Advanced Function	Motion Detection, Privacy Masking, Backlight Compensation, HLC, 3D-DNR, ROI, Anti-fog			
	SIP/VoIP Support	Yes, Voice & Video-over-IP			
	Event Trigger	Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.			
	Event Action	FTP Upload/ SMTP Upload/ SD Card Record/ External Output/ SIP Phone			
	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Human Detection, People Counting			
System Compatibility	ONVIF Profile S				
General	Working Temperature	-30°C ~60°C			
	Working Humidity	0~90%(Non-condensing)			
	Power Supply	PoE/ DC 12V±10%			
	Power Consumption	6W MAX 10.5W MAX (With IR on)	6.5W MAX 10W MAX (With IR on)	5W MAX 9W MAX (With IR on)	
	Weather Proof	Up to IP67-rated for Weather-resistant Performance			
	Weight	1080g			
	Dimensions	Φ107mmX266mm			
Warranty	3 Years				

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Structure Diagrams



Units: mm

Accessories Support

A01-N Pole mount with stainless steel straps
Weight: 730g
Dimensions: 170*51.5*152.6mm



A02 Corner bracket
Weight: 540g
Dimensions: 170*23.2*205.3mm



A03 Corner bracket
Weight: 900g
Dimensions: 170*152.6*76.3mm



A62 Junction box
Weight: 510g
Dimensions: 134*127*40mm



Naming Convention



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