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

IP67 + IK10

Motorized Lens

UI-2A72-FIPCV/UI-3B72-FIPCV/
UI-4C72-FIPCV/UI-5D72-FIPCV

DATASHEET

KEY FEATURES

- **H. 265** (50% reduction in bandwidth, storage and bit rate compared with H.264.)
- **Advanced Functions** (Boasting to support various advanced functions such as HLC, Defog, ROI.)
- **SIP** (Session Initiation Protocol. Providing audio/alarm/intercom and video streaming for mobile phones and video phones.)
- **128G** (Supporting ultra-large external microSD/SDHC/SDXC card storage up to 128G.)

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.

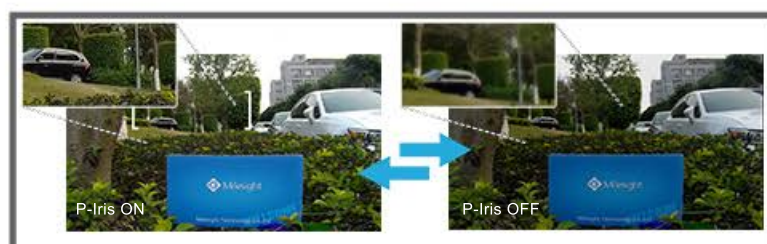by Milesight Camera   by Smart Phone

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.

Milesight Super WDR OFF   Milesight Super WDR ON

Clamshell Design

Aiming to reduce the installation troubles to the least, Milesight creatively introduces the clamshell design to the dome base. This revolutionary innovation enlarges the space to make cable connection a piece of cake, greatly saving efforts for installers.

90°   90°

P-Iris

By adjusting the most suitable aperture position, to fully use the best part of the lens, P-Iris can control iris more precisely, offering no diffraction under strong light to give you a more clear scene with depth of view.
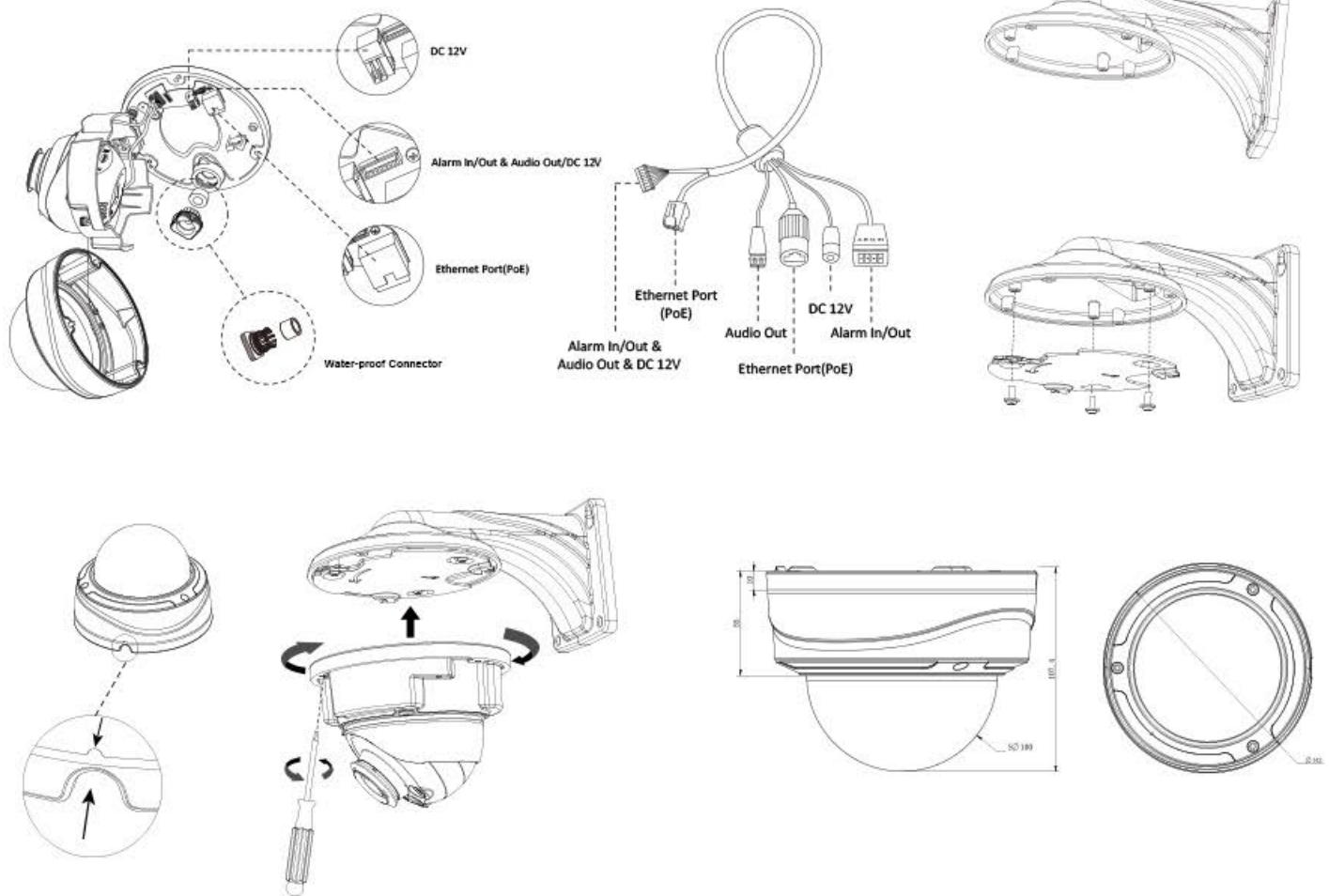
P-Iris ON   P-Iris OFF

Model	UI-2A72-(R)FIPCV	UI-3B72-FIPCV	UI-4C72-(H)FIPCV	UI-5D72-FIPCV
Camera				
Image Sensor	1/2.8" Progressive Scan CMOS		1/3" Progressive Scan CMOS	1/2.8" 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: 0.005Lux@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	H93°~H33°/D107°~D38° /V52°~V18° (3.0~10.5m)	H84°~H30°/ D105°~D37° / V63°~V22°(3.0~10.5mm)	H85°~H30°/ D99°~D35° / V48°~V17°(3.0~10.5mm)	H90°~H31°/ D114°~D38° / V67°~V23°(3.0~10.5mm)
	H91°~H34°/D105°~D39° /V51°~V19° (2.8~12mm)	H79°~H31°/D98°~D38° /V59°~V23° (2.8~12mm)	H76°~H31°/D88°~D36° /V45°~V18° (2.8~12mm)	H87°~H31°/D110°~D39° /V65°~V24° (2.8~12mm)
	H40°~H16°/D46°~D19° /V23°~V9° (7~22mm)	H38°~H15°/D51°~D19° /V28°~V11° (7~22mm)	H36°~H15°/D41°~D17° /V22°~V8° (7~22mm)	H37°~H15°/D47°~D19° /V28°~V11° (7~22mm)
Shutter Time	1/100000s~1/5s			
IR Distance	Up to 50m(3.0~10.5mm)/ 80m(7~22mm)			
Day&Night	ICR Filter Auto Switch			
Video				
Max. Image Resolution	1920×1080	2048x1536	2592×1520	2560×1920
Primary Stream	60fps@(1920×1080)(Optional), 30fps@(1920×1080, 1280×960, 1280×720, 704x576)	30fps@(2048x1536, 1920×1080, 1280×960, 1280×720, 704x576)	30fps@(2592×1520) (Optional), 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, QoS			
Audio				
Audio Compression	G.711/AAC			
Audio I/O	Built-in Microphone and 1 Audio Output interface			
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, Audio Alarm, External Input, 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 & G			
General				
Working Temperature	-40℃~60℃			
Working Humidity	0~90%(Non-condensing)			
Power Supply	PoE/ DC 12V±10%			
Power Consumption	8W MAX / 12W MAX (With IR on)			
Weather Proof	Up to IP67-rated for Weather-resistant Performance			
Housing	Vandal-proof IK10-rated Metal Housing			
Weight	1100g			
Dimensions	Φ143mmX108.4mm			
Warranty	3 Years			

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

A72 Wall mount

Weight: 350g
Dimensions: 106*140*214mm

AC-72 Smoked dome cover

For concealing where a camera is pointed

Naming Convention

UI- **2** **A** **72-** **F** **I** **PC**

2 - 2MP (3 - 3MP/4 - 4MP/5 - 5MP) | Sensor | Pro Dome | Motorized Lens | P-Iris | PoE+H.265

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