

2/3/4/5 Megapixel H.265 Motorized Pro Dome Network Camera



IP67 + IK10

Motorized Lens

MS-C2972-(R)F(I)PBM/MS-C3772-F(I)PBM/
MS-C4472-F(I)PBM/MS-C5372-F(I)PBM

DATASHEET

KEY FEATURES

- ▶ **Smart Stream** (Bandwidth, storage and bit rate save with Smart Stream ON, eg. H.265+ save 70%~80% bandwidth of H.264.)
- ▶ **Smart IR II** (Combining the High Beam and Low Beam to adjust IR intensity to fit different lighting conditions.)
- ▶ **P-Iris** (Giving you a more clear scene with depth of view.)
- ▶ **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.)

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.



0.001Lux Ultra Low-light

The starlight camera is able to deliver high detailed color images even in low light environment reaching 0.001Lux(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.



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.

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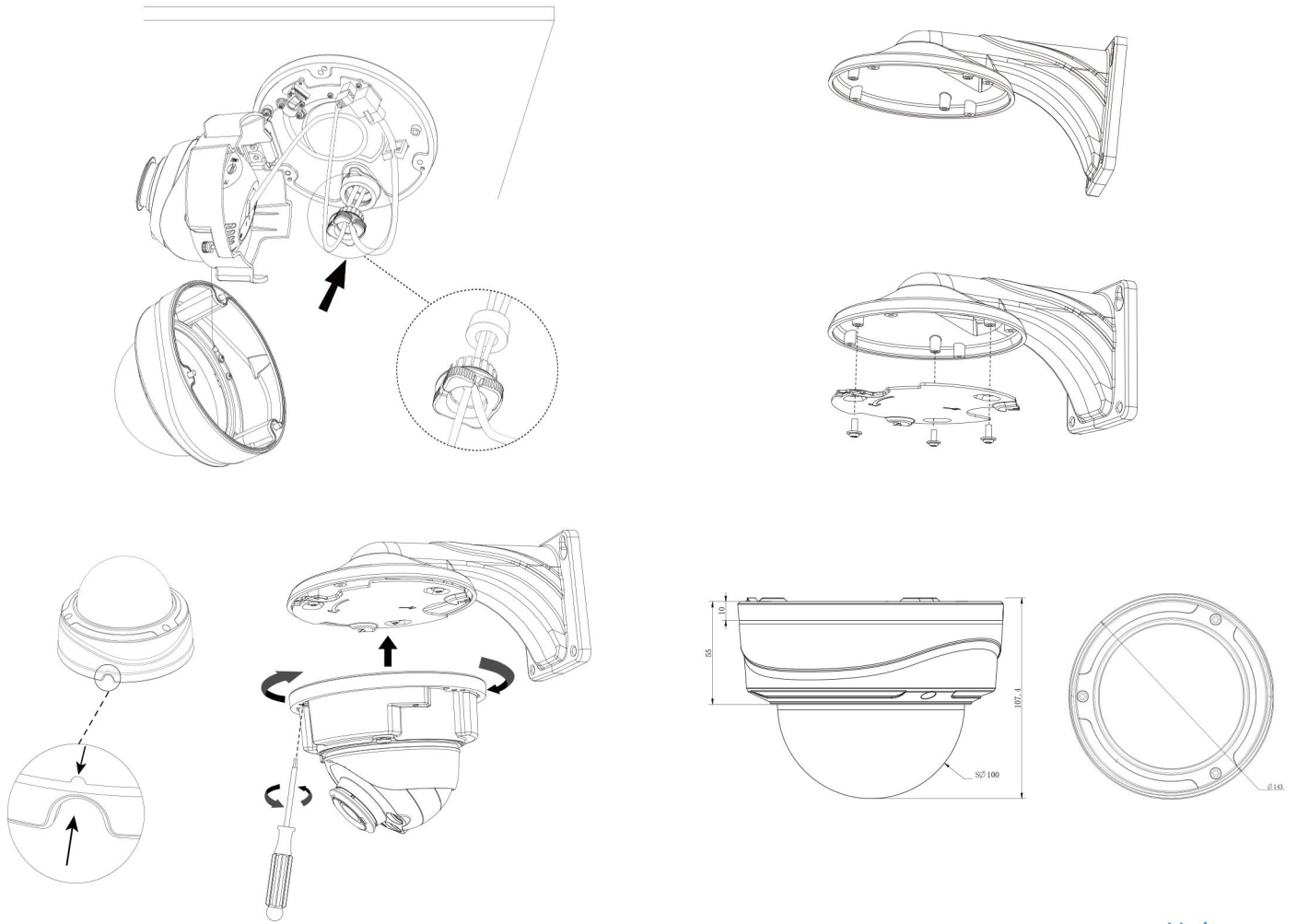


	Model	MS-C2972-(R)F(I)PBM (2MP)	MS-C3772-F(I)PBM (3MP)	MS-C4472-F(I)PBM (4MP)	MS-C5372-F(I)PBM (5MP)
Camera	Image Sensor	1/2.8" Progressive Scan CMOS		1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS
	Min. Illumination	Color: 0.002Lux@F1.2 B/W: 0Lux with IR on	Color: 0.005Lux@F1.2 B/W: 0Lux with 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 2.8~12mm @F1.4 P-Iris(Optional)			
	Mount	Φ14			
	Field of View	H91°~H34°/ D105°~D39°/ V51°~V19°	H79°~H31°/ D98°~D38°/ V59°~V23°	H76°~H31°/ D88°~D36°/ V45°~V18°	H67°~H25°/ D83°~D31°/ V51°~V19°
	Shutter Time	1/100000s~1/5s			
	IR Distance	Up to 50m			
Day&Night	ICR Filter Auto Switch				
Video	Max. Image Resolution	1920×1080	2048×1536	2592×1520	2560×1920
	Primary Stream	30fps@(1920×1080, 1280×960, 1280×720, 704×576) (60fps available for -R series)	30fps@(2048×1536, 1920×1080, 1280×960, 1280×720, 704×576)	20fps@(2592×1520), 30fps@(2304×1296, 1920×1080, 1280×960, 1280×720, 704×576)	20fps@(2560×1920, 2592×1520), 30fps@(2304×1296, 1920×1080, 1280×960, 1280×720, 704×576)
	Secondary Stream	30fps@(704×576, 640×480, 640×360, 352×288, 320×240, 320×192, 320×176)			
	Tertiary Stream	30fps@(1920×1080, 1280×720, 704×576, 640×480, 640×360, 320×240, 320×192, 320×176)			
	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	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 (Optional)	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℃~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	Φ143mmX107.4mm			
	Warranty	3/5 Years			

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Structure Diagrams



Units: mm

Accessories Support

A01 Pole mount with stainless steel straps
Weight: 720g
Dimensions: 170*51.5*152.6mm



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



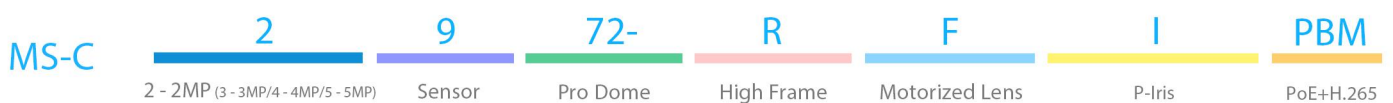
A72 Wall mount
Weight: 350g
Dimensions: 106*140*214mm



AC-72 Smoked dome cover
For concealing where a camera is pointed



Naming Convention



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