

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



IP67 + IK10

Motorized Lens

MS-C2872-(R)F(I)PB/MS-C2972-(T)(R)F(I)PB/  
MS-C3772-F(I)PB/MS-C4472-F(I)PB/  
MS-C5372-(H)F(I)PB

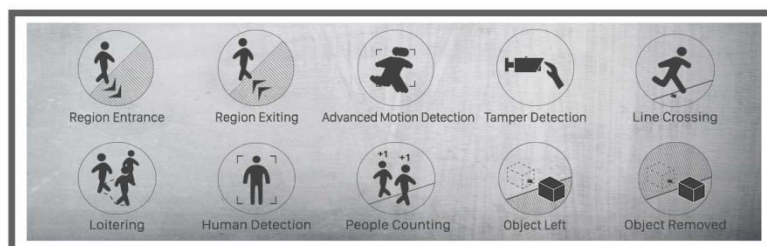
**DATASHEET**

## KEY FEATURES

- ▶ **Smart Stream** (Bandwidth, storage and bit rate are saved with Smart Stream On, eg, H.265+ saves 70%~80% bandwidth that of H.264.)
- ▶ **Smart IR II** (Combining the High Beam and Low Beam to adjust IR intensity to fit different lighting conditions.)
- ▶ **140dB Super WDR** (Excellent performance even when the ratio of the luminosity of brightest and darkest is up to 140dB.)
- ▶ **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 10 detection modes provides advanced, accurate smart video analysis for Milesight network cameras, enabling the comprehensive surveillance function and quicker response to different monitoring scenes.

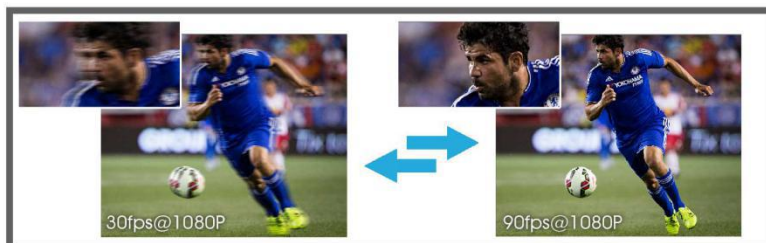


## 0.001Lux Ultra Low-light

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.

## 90fps

The high frame rate up to 90fps@1080P resolution, which triples the number of frames offered by conventional HD network cameras. It enable Milesight cameras to capture real-time and low-latency images of fast moving objects clearly.



## 3 in 1 Super WDR Pro - 140dB

Milesight upgraded 3 in 1 Super WDR Pro outputs three frames each line, which is able to bring more details especially moving subjects. What's more, it greatly improves image quality for reducing smear and noisy points. The ratio that the brightest light signal values divided by the darkest light signal values is up to 140dB.

# H.265 Motorized Pro Dome Network Camera



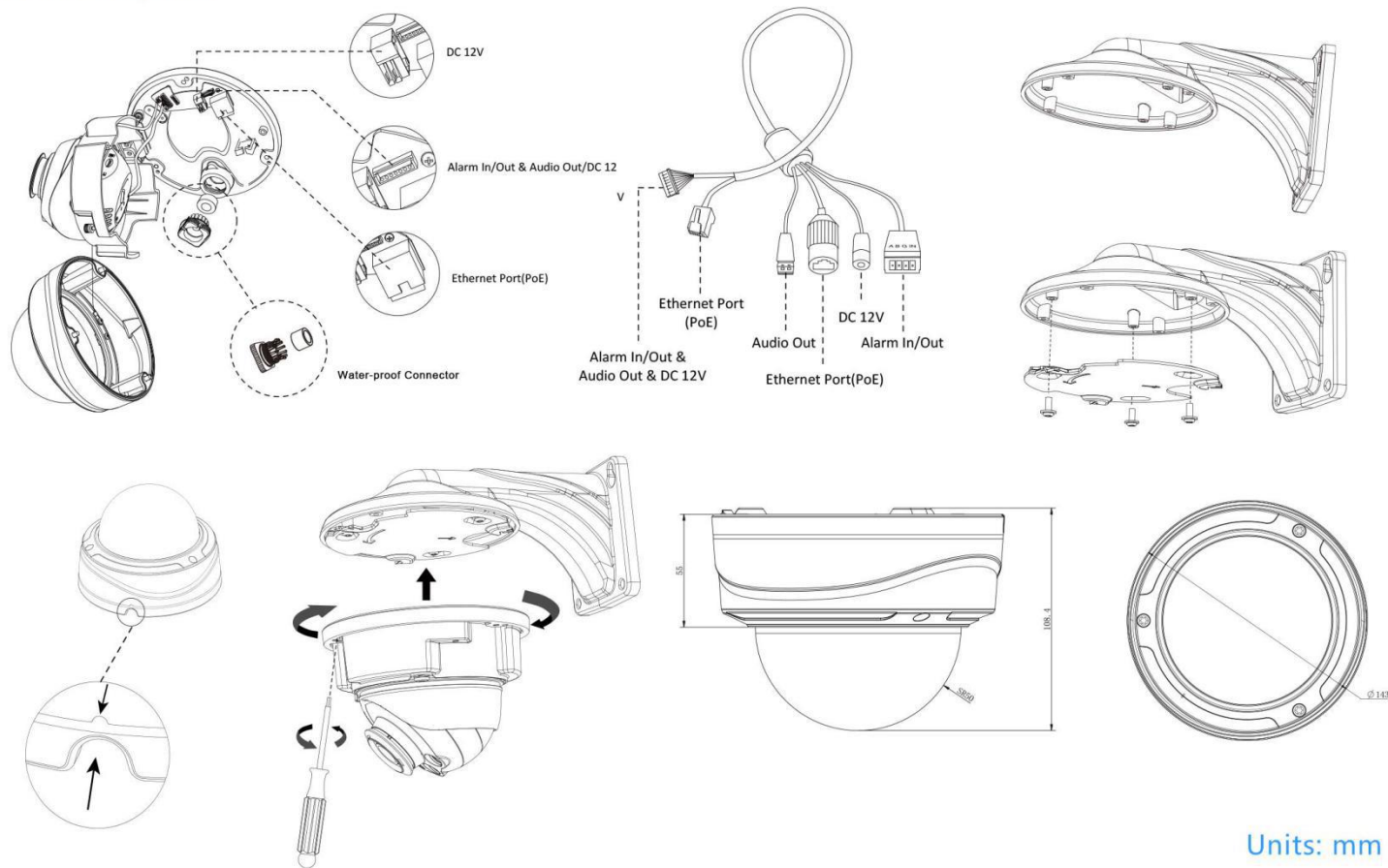
	Model	MS-C2872-(R)F(I)PB (2MP)	MS-C2972-(T)(R)F(I)PB (2MP)	MS-C3772-F(I)PB (3MP)	MS-C4472-F(I)PB (4MP)	MS-C5372-(H)F(I)PB (5MP)
Camera	Image Sensor	1/2" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS		1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
	Min. Illumination	Color: 0.001Lux@F1.2 B/W: 0Lux with IR on	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	140dB Super WDR	140dB Super WDR (Super WDR Pro is optional for T Series)	120dB Super WDR		
	Lens	Motorized 3.6~10mm @F1.4 P-Iris(Optional)	Motorized 3.0~10.5mm/2.8~12mm/7~22mm @F1.4 P-Iris(Optional)			
	Mount	Ø14				
	Field of View	H96°~H42°/ D111°~D48°/ V55°~V23°	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 IR Distance Day&Night	Up to 50m	1/100000s~1s Up to 50m(3.0~10.5mm)/ 80m(7~22mm) ICR Filter Auto Switch				
Video	Max. Image Resolution	1920x1080		2048x1536	2592x1520	2592x1944
	Primary Stream	60fps@(1920x1080) (Optional for R Series), 30fps@(1920x1080, 1280x960, 1280x720, 704x576)	90fps@(1920x1080) (Optional for T Series), 60fps@(1920x1080) (Optional for R Series), 30fps@(1920x1080, 1280x960, 1280x720, 704x576)	30fps@(2048x1536, 1920x1080, 1280x960, 1280x720, 704x576)	20fps@(2592x1520), 30fps@(2304x1296, 1920x1080, 1280x960, 1280x720, 704x576)	30fps@(2592x1944) (Optional for H Series), 20fps@(2592x1944), 30fps@(1920x1080, 1280x960, 1280x720, 704x576)
	Secondary Stream	30fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x176)				
	Tertiary Stream	30fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240, 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, IGMP, ICMP, SSL				
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	Privacy Masking, Backlight Compensation, HLC, 2D DNR, 3D DNR, ROI, Anti-fog, White Balance, EIS, IP Address Filtering				
	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, HTTP Notification, etc.				
	Video Analysis (Optional)	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Human Detection, People Counting, Object Left, Object Removed				
	System Compatibility	ONVIF Profile S & G				
General	Working Temperature	-40℃~60℃				
	Working Humidity	0~90%(Non-condensing)				
	Power Supply	PoE (802.3af)/ 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	Ø143mmX108.4mm				
Warranty	3/5 Years					



# H.265 Motorized Pro Dome Network Camera



## Structure Diagrams



Units: mm

## Accessories Support

### A01 Pole Mount

Weight: 720g  
Dimensions: 170\*51.5\*152.6mm



### A02 Internal Corner Bracket

Weight: 540g  
Dimensions: 170\*23.2\*205.3mm



### A03 External Corner Bracket

Weight: 900g  
Dimensions: 170\*152.6\*76.3mm



### A72 Wall Mount

Weight: 560g  
Dimensions: 240\*160\*136mm



### AC-72 Smoked Dome Cover

For concealing where a camera is pointed



### A75 Junction Box

Weight: 200g  
Dimensions: 155.5\*167\*33.5mm



### A76 Pendant Mount

Weight: 620g  
Dimensions: 136\*L (L is default as 300mm, also can be extended with A76-L)



### A76-L Extension Lever

Weight: 315g  
Dimensions: 34\*300mm



## Naming Convention



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