Milesight

4K H.265 Motorized Pro Dome Network Camera

IP67 + IK10

Motorized Lens

H.265+ HEVC	Super WDR	Weather Proof	Vandal-proof	IR	SDXC
Mic	Privacy Masking	3-Axis	POE	Profile S G T Onvif	VCA

MS-C8172-F(I)PB/MS-C8272-F(I)PB
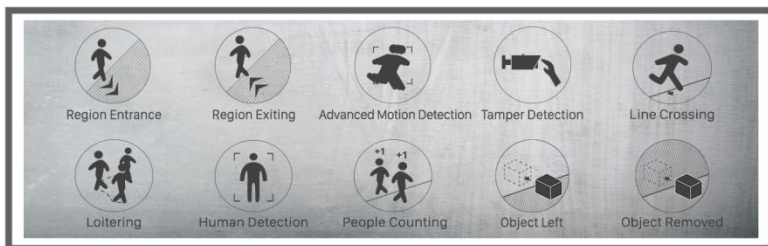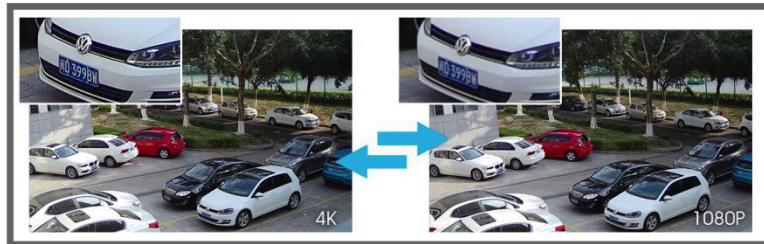
KEY FEATURES

▶ **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.)

▶ **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.)

▶ **256G** (Supporting ultra-large external microSD/SDHC/SDXC card storage up to 256G.)

30fps@4K

Providing 4K HD resolution with frame rate of 30fps, the camera performs well in catching detailed image regardless of the moving speed.

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.

Region Entrance · Region Exiting · Advanced Motion Detection · Tamper Detection · Line Crossing · Loitering · Human Detection · People Counting · Object Left · Object Removed

120dB 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 120dB.

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.

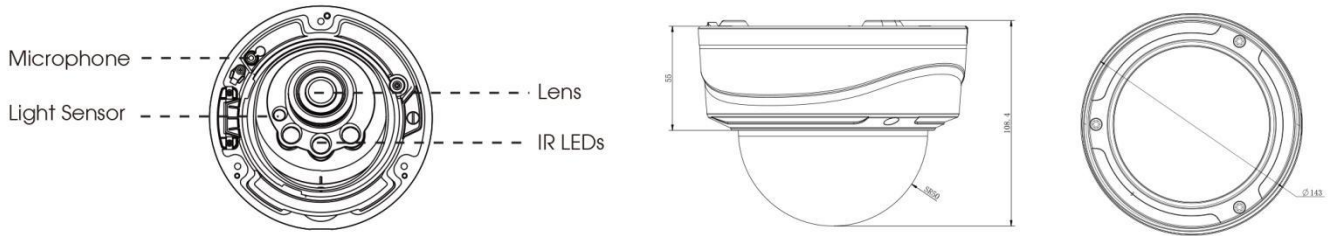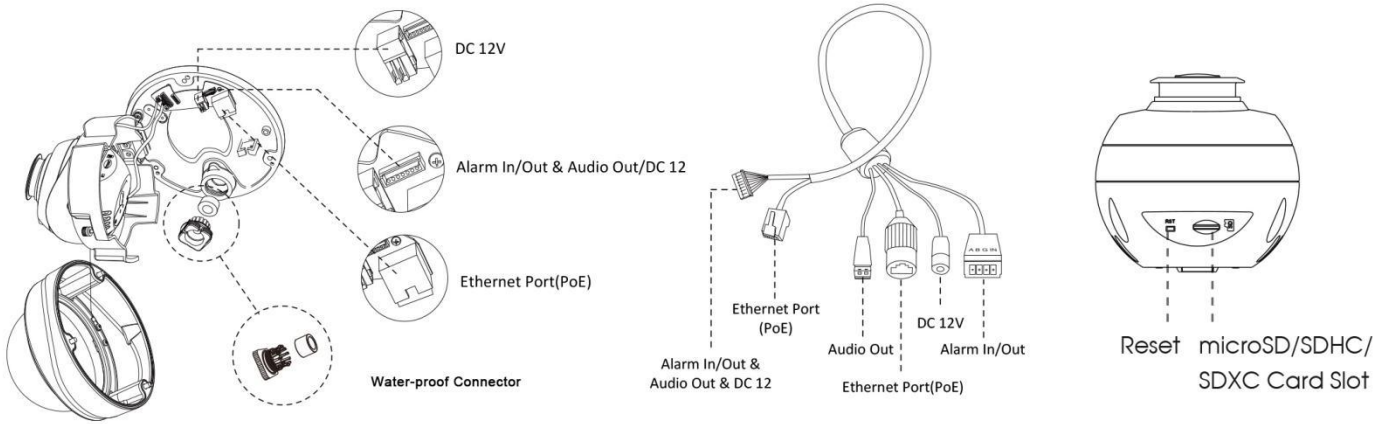# 4K H.265 Motorized Pro Dome Network Camera

	Model	MS-C8172-F(I)PB (4K)	MS-C8272-F(I)PB (4K)
Camera	Image Sensor	1/2.5" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
	Min. Illumination	Color: 0.01Lux@F1.2 B/W: 0Lux with IR on	Color: 0.006Lux@F1.2 B/W: 0Lux with IR on
	WDR	120dB Super WDR	
	Lens	Motorized 3.3~12mm @F1.4 P-Iris(Optional)	Motorized 3.6~10mm @F1.4 P-Iris(Optional)
	Mount	Φ14	
	Field of View	H101°~H39°/D116°~D46°/V56°~V21°	H110°~H46°/D126°~D54°/V61°~V25°
	Shutter Time	1/100000s~1s	
	IR Distance	Up to 50m	
	Day&Night	ICR Filter Auto Switch	
	S/N	>55dB	
Video	Max. Image Resolution	3840x2160	
	Primary Stream	15fps@(3840x2160), 30fps@(3072x2048, 2592x1944, 2592x1520, 2048x1536, 1920x1080, 1280x960, 1280x720, 704x576)	30fps@(3840x2160, 3072x2048, 2592x1944, 2592x1520, 2048x1536, 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 256G	
	Advanced Function	Privacy Masking, BLC, HLC, 2D DNR, 3D DNR, ROI, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur	
	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 & T	
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)	6.2W MAX 9.4W 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	3/5 Years	

Structure Diagrams

DC 12V

Alarm In/Out & Audio Out/DC 12

Ethernet Port(PoE)

Water-proof Connector

Ethernet Port (PoE)

Alarm In/Out & Audio Out & DC 12

Audio Out

Ethernet Port(PoE)

DC 12V

Alarm In/Out

Reset   microSD/SDHC/ SDXC Card Slot

Microphone

Light Sensor

Lens

IR LEDs

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

MS-C	8	1	72-	F	I	PB
	8 - 4K	Sensor	Pro Dome	Motorized Lens	P-Iris	PoE+H.265