

# 4K H.265 Motorized Pro Dome Network Camera



IP67 + IK10

Motorized Lens

MS-C8172-F(I)PB

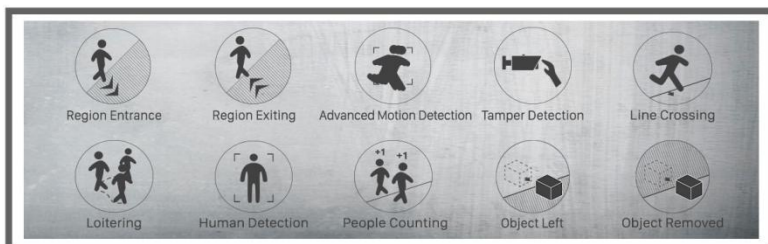
DATASHEET

## 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.)
- ▶ **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.)

## 4K Video Viewing Experience

Milesight 4K H.265 Network Camera delivers up to 4K resolution (3840\*2160), effectively four times that of Full HD) at 15 frames per second (fps), providing users with ultra-high-definition video viewing experience.



## 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.

## 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.



## 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

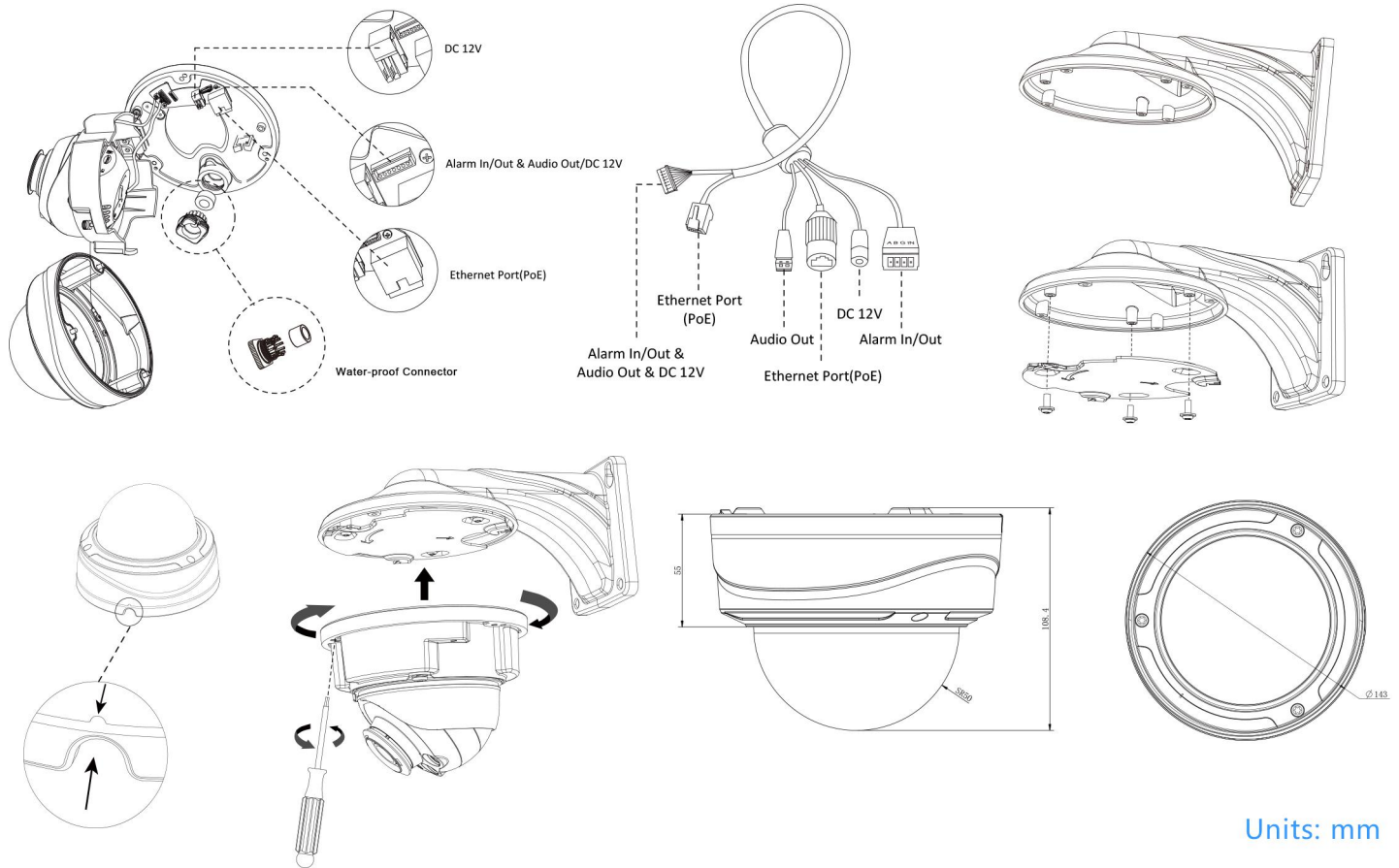


	Model	MS-C8172-F(I)PB (4K)
Camera	Image Sensor	1/2.5" Progressive Scan CMOS
	Min. Illumination	Color: 0.01Lux@F1.2 B/W: 0Lux with IR on
	WDR	120dB Super WDR
	Lens	Motorized 3.3~12mm @F1.4 P-Iris(Optional)
	Mount	Φ14
	Field of View	H100°~H38°/D115°~D44°/V56°~V21°
	Shutter Time	1/100000s~1s
	IR Distance	Up to 50m
	Day&Night	ICR Filter Auto Switch
Video	Max. Image Resolution	3840x2160
	Primary Stream	15fps@(3840x2160), 30fps@(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 Protocol	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	Motion Detection, 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
	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	Φ143mmX108.4mm
	Warranty	3/5 Years

# 4K 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



Milesight Technology Co.,Ltd. | [www.milesight.com](http://www.milesight.com)

Contact Us: [sales@milesight.com](mailto:sales@milesight.com) | [support@milesight.com](mailto:support@milesight.com)



Add: 220 NE 51st Street, Oakland Park, Florida 33334, USA  
Tel: +1-800-561-0485

Add: 9F/901, Star Valley B/D Digital-ro 9gil 99, Geumcheon-gu, Seoul, Korea  
Tel: +82-2-839-3335

Add: No.23 Wanghai Road, 2nd Software Park, Xiamen, China  
Tel: +86-592-5922772