

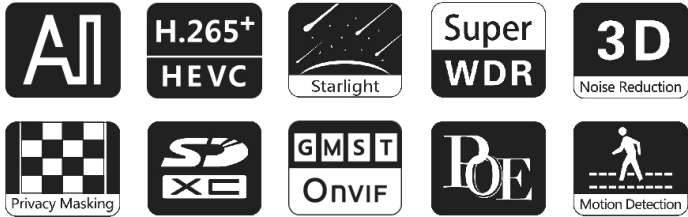
# Milesight

## NDAA

# AI 180° Panoramic Mini Dome Network Camera

IP67

IK10



### DATASHEET

## Key Features

- ▶ NDAA Compliance (The fully NDAA-compliant products are well suited for government, defense and a range of projects subject to the NDAA.)
- ▶ 120dB Super WDR (Excellent performance even when the ratio of the luminosity of brightest and darkest is up to 120dB.)
- ▶ Advanced Functions (Boasting to support various advanced functions such as HLC, ROI.)
- ▶ 1 TB (Supporting ultra-large external microSD/SDHC/SDXC card storage up to 1TB.)
- ▶ Integrated Junction Box (Ensuring the hassle-free installation and reliable operation with neat cable management.)
- ▶ Built-in Microphone (Using advanced codecs to provide clearer voice and robust performance.)
- ▶ Smart Stream (Bandwidth, storage and bit rate are saved with Smart Stream On, e.g. H.265+ saves 70%~80% bandwidth that of H.264.)

## AI Video Analytics

- 8 intelligent VCA modes powered by AI engine, which can intelligently filter objects to focus on human and vehicle detection.
- Object Counting technology provides high accuracy and real-time data based on AI algorithm with statistic reports, optionally human and vehicle.



## 4K Video Viewing Experience

The camera performs well in catching detailed image with 4K HD resolution regardless of the moving speed.



## 180° Panoramic View

The camera is perfect for whole picture viewing experience. It catches 180° horizontal coverage and 95° vertical coverage, achieving 180° panoramic viewing with only single sensor, which is a revolutionary creation in the dome model.



## Integrated Junction Box

Coming with the integrated junction box, The Network Camera not only brings a simplified installation with better aesthetics and professional look of the video surveillance system, but also provides higher operation stability.



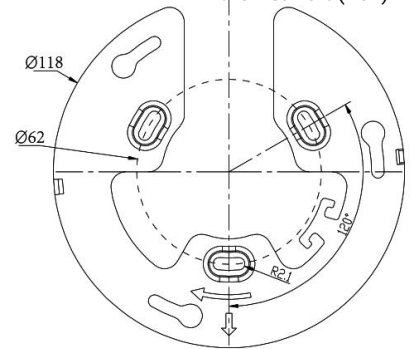
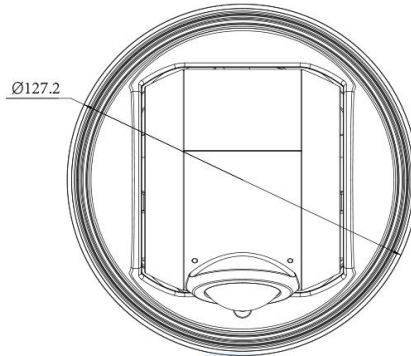
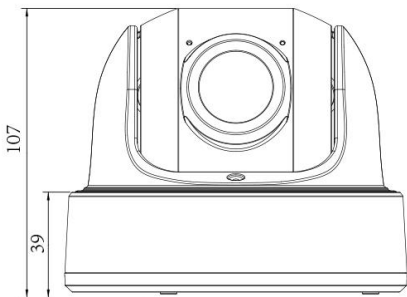
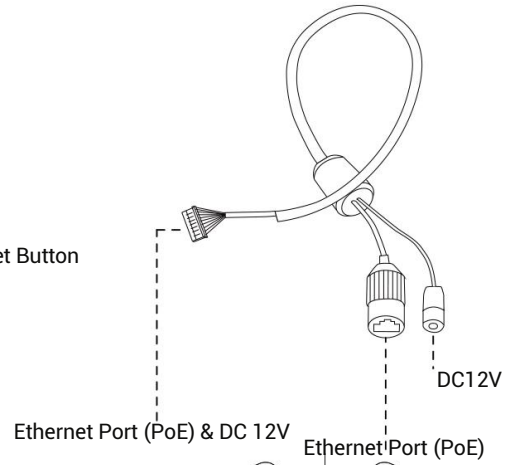
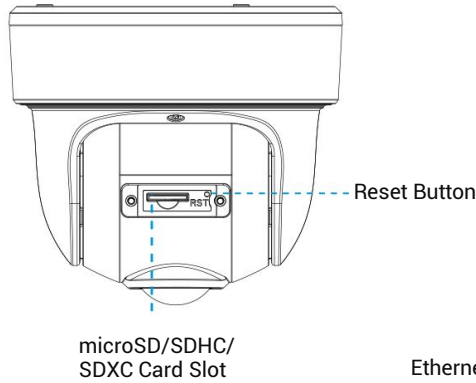
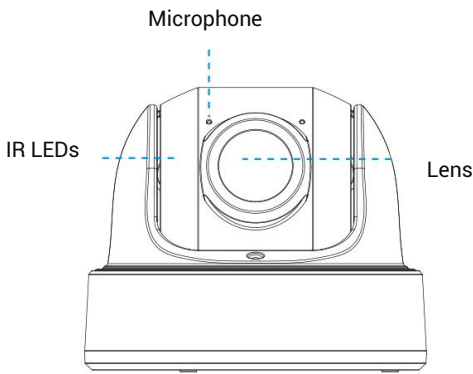
# AI 180° Panoramic Mini Dome Network Camera



	Model	MS-C5376-PE (5MP)	MS-C8176-PE (4K)
<b>Camera</b>	Image Sensor	1/2.8" Progressive Scan CMOS	
	Min. Illumination	Color: 0.008Lux@F2.0, B/W: 0Lux with IR on	Color: 0.012Lux@F2.0, B/W: 0Lux with IR on
	WDR	120dB Super WDR	
	Lens	1.68mm@F2.0	
	Mount	M12	
	Field of View	H180°/V95°	H180°/V86°
	Shutter Time	1/100000s~1s	
	DORI Distance	D: 37.5m O: 15m R: 7.5m I: 3.5m	D: 56.5m O: 22m R: 11m I: 5.5m
	IR Distance	Up to 15m	
	Day/Night Mode	Day/Night/Auto/Customize/Schedule	
	S/N	>55dB	
<b>Video</b>	Max. Image Resolution	2592x1944 (Original)	3840x2160
	Primary Stream	60Hz: 30fps@(2560x1440, 1920x1080,1280x720) 50Hz: 25fps@(2560x1440, 1920x1080,1280x720)	60Hz/50Hz: 25fps@(3840x2160,3440x1936, 3200x1800, 2880x1624, 2560x1440, 1920x1080, 1280x720)
	Secondary Stream	60Hz: 30fps@(704x576, 640x480, 640x360, 352x288, 320x240) 50Hz: 25fps@(704x576, 640x480, 640x360, 352x288, 320x240)	60Hz/50Hz:25fps@(704x576, 640x480, 640x360)
	Tertiary Stream	60Hz: 30fps@(2048x1536, 1920x1080, 1600x1200, 1280x720, 704x576, 640x480, 640x360,352x288, 320x240) 50Hz: 25fps@(2048x1536, 1920x1080, 1600x1200, 1280x720, 704x576, 640x480, 640x360,352x288, 320x240)	60Hz/50Hz: 25fps@(1280x720, 704x576, 640x480, 640x360)
	Video Compression	H.265+/H.265(HEVC)/H.264+/H.264/MJPEG	
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)	
	<b>Image</b>	Privacy Masking	Up to 8 Areas (Mask Area and Mosaic Area are optional)
ROI		Up to 8 areas	
Image Setting		Brightness/Contrast/Saturation/Sharpness	
Image Enhancement		BLC, HLC, 2D DNR, 3D DNR, AGC, Defog, AWB, Deblur, Anti-flicker, Corridor Mode	
<b>Interface</b>	Ethernet	1*RJ45 10M/100M Ethernet Port	
	Audio Interface	Built-in Microphone	
<b>Network</b>	Network Storage	NAS(Support NFS, SMB/CIFS), ANR	
	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, LLDP, SIP, VPN, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL,TLS 1.2	



# AI 180° Panoramic Mini Dome Network Camera



Units: mm

