Milesight

AI Vandal-proof Mini Dome Network Camera

NDAA ✓

IP67

IK10

AI | H.265⁺ HEVC | Starlight | Super WDR | Mic

GQST Onvif | POE | Weather-proof | Vandal-proof
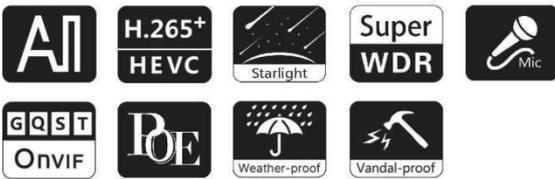
KEY FEATURES

► NDAA Compliance (The fully NDAA-compliant products are well suited for government, defense and a range of projects subject to the NDAA.)

► Advanced Functions (Boasting to support various advanced functions such as HLC, Defog, ROI.)

► Built-in Microphone (Supporting audio function to hear what is happening in front of the camera.)

► 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.)

► 0.005Lux Starlight (Deliver high detailed color images even in low light environment reaching 0.005Lux.)

► Smart Stream (Bandwidth, storage and bit rate are saved with Smart Stream On, eg, H.265⁺ saves 70%~80% bandwidth that of H.264.)

AI Video Analytics

The AI Camera Series can intelligently filter objects to focus on human and vehicle detection in multiple events such as Region Entrance, Region Exiting, Loitering, Advanced Motion Detection, etc.

120dB Super WDR

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.

4K Video Viewing Experience

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

Reliable Anti-vibration Performance

Complying with the transportation-industry regulations of EN50155 standard, Vandal-proof Mini Dome Network Camera is able to offer train specific rugged features to protect the system against environmental factors.

	Model	MS-C2973-(R)PD (2MP)	MS-C5373-PD (5MP)	MS-C8173-(S)PD (4K)
Camera	Image Sensor	1/2.8" Progressive Scan CMOS		
	Min. Illumination	Color: 0.005Lux@F1.6 B/W: 0Lux with IR on	Color: 0.008Lux@F1.6 B/W: 0Lux with IR on	Color: 0.012Lux@F1.6 B/W: 0Lux with IR on
	WDR	120dB Super WDR		
	Lens	2.8mm/4mm/6mm@F1.6		
	Mount	M12		
	Field of View	H111°/D128°/V61°(2.8mm) H91°/D106°/V50°(4mm) H55°/D63°/V32°(6mm)	H105°/D131°/V78°(2.8mm) H86°/D108°/V63°(4mm) H52°/D63°/V40°(6mm)	H110°/D126°/V60°(2.8mm) H91°/D106°/V50°(4mm) H55°/D63°/V32°(6mm)
	Shutter Time	1/100000s~1s		
	IR Distance	Up to 30m		
	Day/Night Mode	Day/Night/Auto/Customize/Schedule		
	S/N	>55dB		
Video	Max. Image Resolution	1920x1080	2592x1944	3840x2160
	Primary Stream	60Hz: **60fps@(1920x1080)(Optional for R Series),** 30fps@(1920x1080, 1280x960, 1280x720, 704x576) 50Hz: **50fps@(1920x1080)(Optional for R Series),** 25fps@(1920x1080, 1280x960, 1280x720, 704x576)	60Hz: 30fps@(2592x1944, 2048x1536, 1920x1080, 1280x960, 1280x720, 704x576) 50Hz: 25fps@(2592x1944, 2048x1536, 1920x1080, 1280x960, 1280x720, 704x576)	60Hz/50Hz: 30fps@(3840x2160, 3072x2048, 2592x1944, 2592x1520, 2048x1536, 1920x1080, 1280x960, 1280x720, 704x576), 20fps@(3840x2160)(Optional for S Series)
	Secondary Stream	60Hz: 30fps@(704x576, 640x480, 640x360, 352x288) 50Hz: 25fps@(704x576, 640x480, 640x360, 352x288)	60Hz: 30fps@(704x576, 640x480, 640x360, 352x288) 50Hz: 25fps@(704x576, 640x480, 640x360, 352x288)	
	Tertiary Stream	60Hz: 30fps@(1280x720, 704x576, 640x480, 640x360, 352x288) 50Hz: 25fps@(1280x720, 704x576, 640x480, 640x360, 352x288)		
	Video Compression	H.265+/H.265(HEVC)/H.264+/H.264/MJPEG		
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)		
	Privacy Masking	Up to 4 areas		
	ROI	Up to 8 areas		
	Image Setting	Brightness/Contrast/Saturation/Sharpness		
Interface	Ethernet	1*RJ45 10M/100M Ethernet Port		
	Audio I/O	Built-in Microphone; 1/1 (Multi-interface Version)		
	Alarm I/O	1/1 (Multi-interface Version)		
Network	Network Storage	NAS(Support NFS, SMB/CIFS), ANR		
	Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL		

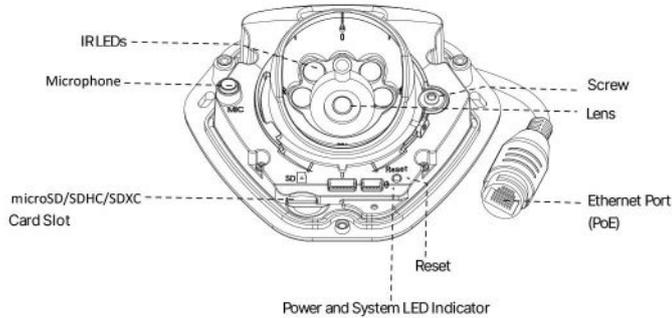|		
Audio	Audio Compression	G.711/AAC/G.722/G.726
	Audio Sampling Rate	8/16/32/48KHz
	Audio Bit Rate	16~256kbps
	Two-way Audio	Support
Intelligent Analytics	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed
System	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 256G
	Advanced Function	BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, 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, etc.; Motion Detection, Network Disconnection, External Input, Audio Alarm, etc. (Multi-interface Version)
	Event Action	FTP Upload, SMTP Upload, SD Card Record, SIP Phone, HTTP Notification, etc.; FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc. (Multi-interface Version)
	System Compatibility	ONVIF Profile G & Q & S & T, API
General	Working Temperature	-40℃~60℃
	Working Humidity	0~90%(Non-condensing)
	Power Supply	PoE (802.3af); PoE (802.3af) / DC 12V±10% (Multi-interface Version)
	Power Consumption	3W MAX / 4.7W MAX (With IR on) 4W MAX / 6W MAX (With IR on) 4.4W MAX / 6.1W MAX (With IR on)
	Housing	Up to IP67-rated for Weather-resistant Performance; Vandal-proof IK10-rated Metal Housing
	Weight	500g
	Dimensions	118.5mmX110.8mmX65mm
	Warranty	3/5 Years

V8.02

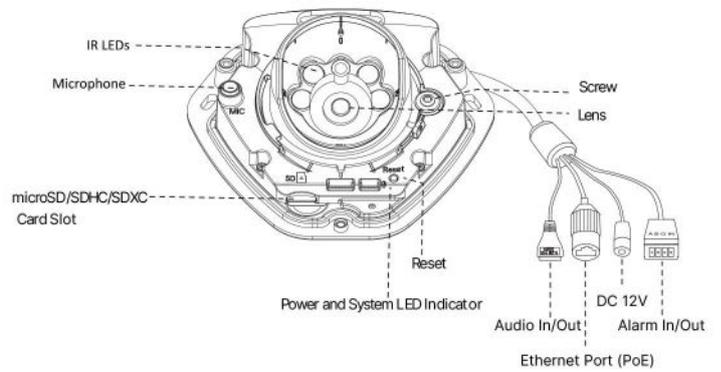## Structure Diagrams

IRLEDs
Microphone
microSD/SDHC/SDXC Card Slot
Reset
Power and System LED Indicator
Screw
Lens
Ethernet Port (PoE)

(Default Version)

IR LEDs
Microphone
microSD/SDHC/SDXC Card Slot
Reset
Power and System LED Indicator
Screw
Lens
Audio In/Out
Ethernet Port (PoE)
DC 12V
Alarm In/Out

(Multi-interface Version)

110.8
36.6
8°
65
SR30.4

118.5
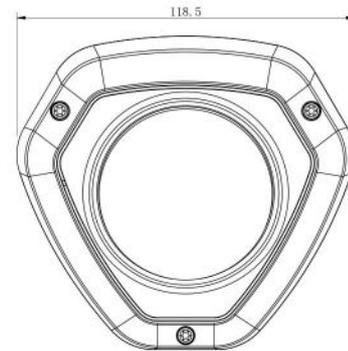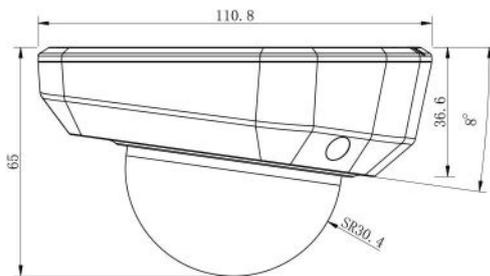
Units: mm

Accessories Support

A01 Pole Mount

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

A03 External Corner Bracket

Weight: 900g
Dimensions: 170*152.5*76.3mm

A71 Wall Mount

Weight: 530g
Dimensions: 162*124*78 mm

A73 Adapter Plate

Weight: 28g
Dimension: 115*122.5*10mm

A74 Junction Box

Weight: 60g
Dimensions: 121.5*116.5*37.2