Milesight

AI Vandal-proof Mini Dome Network Camera

NDAA

IP67

IK10



AI | H.265+ HEVC | Super WDR | Mic | GMST ONVIF | PoE | Vandal-proof | Weather-proof

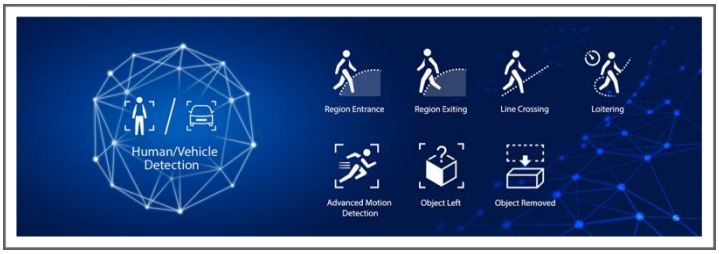
DATASHEET

KEY FEATURES

- NDAA Compliance (The fully NDAA-compliant products are well suited for government, defense and a range of projects subject to the NDAA.)
- 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.)
- 1TB (Supporting ultra-large external microSD/SDHC/SDXC card storage up to 1TB.)
- 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.



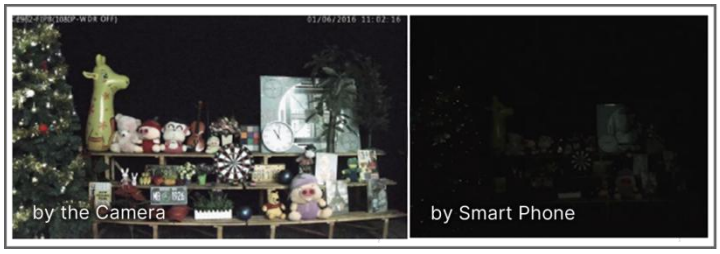
4K Video Viewing Experience

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



0.005Lux Low Light

Allows the network cameras to provide reliable and high quality images, even in the low light illumination.



AI Vandal-proof Mini Dome Network Camera



	Model	MS-C2973-(R)PD (2MP)	MS-C4573-PD (4MP)
Camera	Image Sensor	1/2.8" Progressive Scan CMOS	
	Min. Illumination	Color: 0.005Lux@F1.6, B/W: 0Lux with IR on	
	WDR	120dB Super WDR	
	Lens	2.8mm/4mm@F1.6	
	Mount	M12	
	Field of View	H111°/D128°/V61°(2.8mm) H91°/D106°/V50°(4mm)	H106°/D124°/V58°(2.8mm) H88°/D104°/V48°(4mm)
	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	2688x1520
	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@(2688x1520, 2304x1296, 1920x1080, 1280x720) 50Hz: 25fps@(2688x1520, 2304x1296, 1920x1080, 1280x720)
	Secondary Stream	60Hz: 30fps@(704x576, 640x480, 640x360, 352x288) 50Hz: 25fps@(704x576, 640x480, 640x360, 352x288)	60Hz: 30fps@(1280x720, 704x576, 640x480) 50Hz: 25fps@(1280x720, 704x576, 640x480)
	Tertiary Stream	60Hz: 30fps@(1280x720, 704x576, 640x480, 640x360, 352x288) 50Hz: 25fps@(1280x720, 704x576, 640x480, 640x360, 352x288)	60Hz: 30fps@(1280x720, 704x576, 640x480) 50Hz: 25fps@(1280x720, 704x576, 640x480)
	Video Compression	H.265+/H.265(HEVC)/H.264+/H.264/MJPEG	
	Video Bit Rate	16Kbps~16Mbps (CBR/VBR Adjustable)	
Image	Privacy Masking	Up to 4 Areas	
	ROI	Up to 8 Areas	
	Image Setting	Brightness/Contrast/Saturation/Sharpness	
	Advanced Function	BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur	
Interface	Ethernet	1*RJ45 10M/100M Ethernet Port	
	Audio I/O	1/1	
	Alarm I/O	1/1	
Network	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, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL, TLS 1.2	

AI Vandal-proof Mini Dome Network Camera



Audio	Audio Compression	G.711/AAC/G.722/G.726
	Audio Sampling Rate	8/16/32/48KHz
	Audio Bit Rate	16~256kbps
	Built-in Microphone	Support
Intelligent Analytics	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Line Crossing, Loitering, Object Left, Object Removed
	People Counting & Report	Count the number of people entering or exiting
Event	Basic Event	Motion Detection, Tamper Detection, External Input, External Output, Audio Alarm
	Exception	Network Disconnection, IP Address Filtering, Record Failed, SD Card Full, SD Card Uninitialized, SD Card Error, No SD Card
	Event Action	FTP Upload Record, SMTP Upload Record, SD Card Record, Snapshot, SIP Phone, Play Audio, HTTP Notification,External Output
System	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 1TB
	SIP/VoIP Support	Yes, Voice & Video-over-IP
	System Compatibility	ONVIF Profile G & S & T & M, API
General	Working Temperature	-40℃~60℃
	Working Humidity	0~90% (Non-condensing)
	Power Supply	PoE (802.3af) / DC 12V±10%
	Power Consumption	3W MAX, 4.7W MAX (With IR on) / 4W MAX, 6W MAX (With IR on)
	Housing	Up to IP67-rated for Weather-resistant Performance / Vandal-proof IK10-rated Metal Housing
	Weight	Approx. 500g
	Dimensions	118.5mmX110.8mmX65mm
	Warranty	3 Years/5 Years (Optional)

AI Vandal-proof Mini Dome Network Camera



	Model	MS-C5373-PD (5MP)	MS-C8173-PD (4K)
Camera	Image Sensor	1/2.8" Progressive Scan CMOS	
	Min. Illumination	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@F1.6	
	Mount	M12	
	Field of View	H105°/D131°/V78°(2.8mm) H86°/D108°/V63°(4mm)	H110°/D126°/V60°(2.8mm) H91°/D106°/V50°(4mm)
	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	2592x1944	3840x2160
	Primary Stream	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)
	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)	
Image	Privacy Masking	Up to 4 Areas	
	ROI	Up to 8 Areas	
	Image Setting	Brightness/Contrast/Saturation/Sharpness	
	Advanced Function	BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur	
Interface	Ethernet	1*RJ45 10M/100M Ethernet Port	
	Audio I/O	1/1	
	Alarm I/O	1/1	
Network	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, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL, TLS 1.2	

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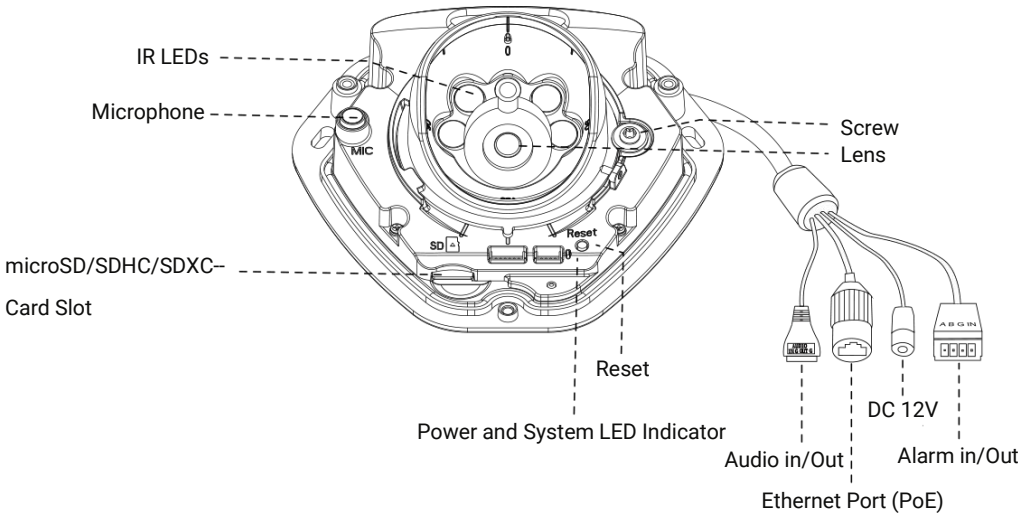


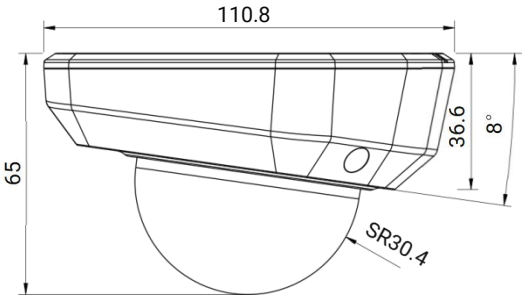
Audio	Audio Compression	G.711/AAC/G.722/G.726	
	Audio Sampling Rate	8/16/32/48KHz	
	Audio Bit Rate	16~256kbps	
	Built-in Microphone	Support	
Intelligent Analytics	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Line Crossing, Loitering, Object Left, Object Removed	
	People Counting &Report	Count the number of people entering or exiting	
Event	Basic Event	Motion Detection, Tamper Detection, External Input, External Output, Audio Alarm	
	Exception	Network Disconnection, IP Address Filtering, Record Failed, SD Card Full, SD Card Uninitialized, SD Card Error, No SD Card	
	Event Action	FTP Upload Record, SMTP Upload Record, SD Card Record, Snapshot, SIP Phone, Play Audio, HTTP Notification, External Output	
System	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 1TB	
	SIP/VoIP Support	Yes, Voice & Video-over-IP	
	System Compatibility	ONVIF Profile G & S & T & M, API	
General	Working Temperature	-40℃~60℃	
	Working Humidity	0~90% (Non-condensing)	
	Power Supply	PoE (802.3af) / DC 12V±10%	
	Power Consumption	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	Approx. 500g	
	Dimensions	118.5mmX110.8mmX65mm	
	Warranty	3 Years/5 Years (Optional)	

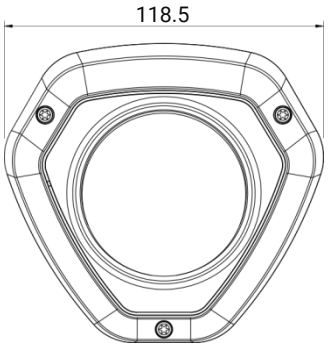
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Structure Diagrams

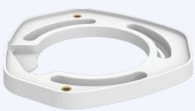






Accessories Support

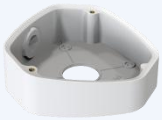




A73 Adapter Plate



A71 Wall Mount



A74 Junction



A03 External Corner Bracket



A01 V3 Pole Mount

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