

KEY FEATURES

- NDAA Compliance (The fully NDAA-compliant products are well suited for government, defense and a range of projects subject to the NDAA.)
- 0.005Lux Starlight (Deliver high detailed color images even in low light environment reaching 0.005Lux.)
- 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.)
- 3-Axis Mechanical Design (Featuring 3-axis mechanical design for fast and easy adjustment of the camera's viewing angle.)
- > 1TB (Supporting ultra-large external microSD/SDHC/SDXC card storage up to 1TB.)
- Smart Stream (Bandwidth, storage and bit rate save with Smart Stream ON, eg, H.265+ saves 70%~80% bandwidth of H.264.)

Al 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.



0.005Lux Ultra Low-light

The starlight camera is able to deliver high detailed color images even in low light environment reaching 0.005Lux(Color) or 0Lux(B/W), and near infrared light environments without any supplementary lighting.



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.



Al Motorized Dome Network Camera



	Model	MS-C2975-(R)FPD	MS-C4575-FPD	
Camera	model	(2MP)	(4MP)	
	Image Sensor	1/2.8" Progressive Scan CMOS		
	Min. Illumination	Color: 0.005Lux@F1.4 B/W: 0Lux with IR on		
	WDR	120dB Super WDR		
	Shutter Time	1/10000s~1s		
	IR Distance	Up to 50m		
	Day/Night Mode	Day/Night/Auto/Customize/Schedule		
	S/N	>55dB		
	Lens	Motorized 2.7~13.5mm/7~22mm@F1.4		
Lens	Field of View	H111°~H34°/D130°~D39°/ V60°~V19°(2.7~13.5mm) H42°~H17°/D48°~D19°/ V24°~V9°(7~22mm)	H97°~H28°/D110°~D32°/ V55°~V16°(2.7~13.5mm) H39°~H16°/D45°~D20°/ V22°~V9°(7~22mm)	
	Mount	Ф14		
	Focus Control	Auto/Manual		
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)		
	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)		

Al Motorized Dome Network Camera



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	
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	
	People Counting &Report	Count the number of people entering or exiting	
System	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 1TB	
	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, External Input, Audio Alarm, etc.	
	Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc.	
	System Compatibility	ONVIF Profile G & S & T, API	
	Working Temperature	-40°℃~60°℃	
	Working Humidity	0~90%(Non-condensing)	
	Power Supply	PoE (802.3af); PoE (802.3af) / DC 12V±10% (Multi-interface Version)	
General	Power Consumption	5.2W MAX5.5W MAX6.4W MAX (With IR on)6.5W MAX (With IR on)	
	Housing	Vandal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance	
	Weight	780g	
	Dimensions	Φ130mmX115mm	
	Warranty	3/5 Years	

Milesight

Al Motorized Dome Network Camera



	Model	MS-C5375-FPD (5MP)	MS-C8175-(S)FPD (4K)	
	Image Sensor	1/2.8" Progressive Scan CMOS		
		1/2.8 Progressive Scan CIVIOS		
	Min. Illumination	Color: 0.008Lux@F1.4	Color: 0.012Lux@F1.4	
		B/W: 0Lux with IR on	B/W: 0Lux with IR on	
Camera	WDR	120dB Super WDR		
	Shutter Time	1/100000s~1s		
	IR Distance	Up to 50m		
	Day/Night Mode	Day/Night/Auto/Customize/Schedule		
	S/N	>55dB		
	Lens	Motorized 2.7~13.5mm/7~22mm@F1.4		
		H99°~H31°/D124°~D38°/		
	Field of View	V72°~V23°(2.7~13.5mm)	H107°~H33°/D125°~D37°	
Lens		H37°~H15°/D46°~D19°/ V28°~V11°(7~22mm)	/V58°~V18°	
	Mount	Φ14		
	Focus Control	Auto/Manual		
	Iris Control	-		
	Max. Image Resolution	2592x1944	3840x2160	
Video	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), 20fps(3840x2160)(Optional for S Series)	
	Secondary Stream	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)		
Interface	Privacy Masking	Up to 4 areas		
	ROI	Up to 8 areas		
	Image Setting	Brightness/Contrast/Saturation/Sharpness		
	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)		

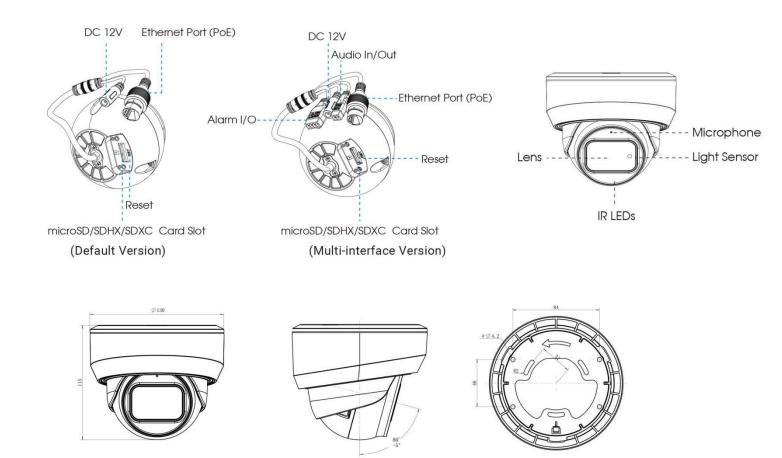




Network Network Storage IPVe/IPV6, ARE, TCP, UDP, RTCP, RTP, RTSP, RTMP, IHTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPNP, Bonjour, SIP, PPP6, VLAN, 802.1x, QoS, IGMP, ICMP, SSL, TLS 1.2 Audio Genomession G. 711/AAC/G.722/G.726 Audio Samping Rate Addo Compression G. 711/AAC/G.722/G.726 Audio Samping Rate G. G. G. G. Support Automation Bergion Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Line Crossing, Line Crossing, Dipt II Stamper Carol Advanced Function Storage G. G. G. G. Support MicroSD/SDHC/SDXC Card Local Storage, up to 1T8 Automation G. G. G. G. Support MicroSD/SDHC/SDXC Card Local Storage, up to 1T8 Automation G. G. G. G. Support MicroSD/SDHC/SDXC Card Local Storage, up to 1T8				
Protocol IPv4/IPv6, ARP, TCQ, UDP, RCP, RTP, RTSP, RTMP, HTTPS, DNS, DONS, DHCP, FTP, NTP, SMTP, SNMP, UPAP, Bonjour, SIP, PPPoE, VLAN, B02, 1X, GoS, IGMP, ICMP, SSL, TLS 1.2 Audio Compression G. C.711/AAC/G.722/G.726 Audio Sampling Rate Audio Sampling Rate Audio Bit Rate SISTER SIGNATION CONSTRUCTION CONSTRUCTI	Network	Network Storage	NAS(Support NFS, SMB/CIFS), ANR	
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Audio Bit Rate 16*256kbps Two-way Audio Support Intelligent Analytics Video Analysis Region Entrance, Region Extiring, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed People Counting Report Storage Count the number of people entering or exiting Storage Storage Storage, up to 1TB Advanced Function Support microSD/SDHC/SDXC Card Local Storage, up to 1TB Storage Storage Storage StP/VoIP Support Count Motion Detection, Network Disconnection, External Input, Audio Alarm, etc. Stern Compatibility ONVIF Profile 6 & S & T, API Power Supply Poet G02.3af); PoE (802.3af); C12V±10% (Multi-interface Version) Power Consumption S.S.SW MAX 6.S.W MAX (With IR on) Rousing Vandal-proof IK10-rated Metal Housing / Up to IF67-rated for Weather-resistant Performance Weight Consumption Housing Vandal-proof IK10-rated Metal Housing / Up to IF67-rated for Weather-resistant Performance Weight Otalamental Housing		Audio Sampling Rate	8/16/32/48KHz	
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System Advanced Function BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur System SIP/VoIP Support Yes, Voice & Video-over-IP Event Trigger Motion Detection, Network Disconnection, External Input, Audio Alarm, etc. Event Action FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc. System Compatibility ONVIF Profile G & S & T, API Working Temperature 40°C*60°C Working Humidity OPOB(NOn-condensing) Power Supply ONVIF Profile G & S & T, API Power Consumption 5.5W MAX 6.5W MAX (With IR on) 7.4W MAX 8.4W MAX (With IR on) Housing Vandal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance Weight Condal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance Weight Motion Set Gate			Count the number of people entering or exiting	
Advanced Function Defog, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur System SIP/VoIP Support Construction Event Trigger Motion Detection, Network Disconnection, External Input, Audio Alarm, etc. Event Action FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc. System Compatibility ONVIF Profile G & S & T, API Vorking Temperature 40°C°60°C Vorking Humidity OPOBE (802.3af); PoE (802.3af) / DC 12V±10% (Multi-interface Version) Power Supply Power Consumption Function 5.5W MAX 6.5W MAX (With IR on) Housing Vandal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance Weight Vandal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance		Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 1TB	
System Revent Trigger Motion Detection, Network Disconnection, External Input, Audio Alarm, etc. Event Action FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc. System Compatibility ONVIF Profile G & S & T, API Vorking Temperature 40°C^60°C Working Humidity Power Supply Power Supply PoE (802.3af); PoE (802.3af) / DC 12V±10% (Multi-interface Version) Power Consumption 5.5W MAX 6.5W MAX (With IR on) 7.4W MAX 8.4W MAX (With IR on) Housing Vandal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance Weight Consumption 780g		Advanced Function		
Finance Finance FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc. System Compatibility General General Working Temperature Vorking Temperature -40°C~60°C Working Humidity OP06 (802.3af); POE (802.3af) / DC 12V±10% (Multi-interface Version) Power Supply PoE (802.3af); POE (802.3af) / DC 12V±10% (Multi-interface Version) Housing Vandal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance Weight Control of K10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance Dimensions Oinensions -400°C	System	SIP/VoIP Support	Yes, Voice & Video-over-IP	
Kind Compatibility Control of the number of th		Event Trigger	Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.	
Working Temperature -40°C~60°C Working Humidity 0~90%(Non-condensing) Power Supply PoE (802.3af); PoE (802.3af) / DC 12V±10% (Multi-interface Version) Power Consumption 5.5W MAX 6.5W MAX (With IR on) 7.4W MAX 8.4W MAX (With IR on) Housing Vandal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance Weight 0 780g		Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc.	
Working Humidity O^90%(Non-condensing) Power Supply Poet (802.3af); PoE (802.3af) / DC 12V±10% (Multi-interface Version) Power Consumption 5.5W MAX 6.5W MAX (With IR on) 7.4W MAX 8.4W MAX (With IR on) Housing Vandal-proof IK10-rated Metal Housing / Up to F-rated for Weather-resistant Performance Weight 6.5W MAX (With IR on) 1000000000000000000000000000000000000		System Compatibility	ONVIF Profile G & S & T, API	
General Power Supply PoE (802.3af); PoE (802.3af) / DC 12V±10% (Multi-interface Version) Power Consumption 5.5W MAX 6.5W MAX (With IR on) 7.4W MAX 8.4W MAX (With IR on) Housing Vandal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance Weight 0 780g Dimensions 0 0 Housing 0 <	General	Working Temperature	-40°℃~60°℃	
General Power Consumption 5.5W MAX 6.5W MAX (With IR on) 7.4W MAX 8.4W MAX (With IR on) Housing Vandal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance Weight 0 1 Dimensions 0 0 Housing 0 </td <td>Working Humidity</td> <td colspan="2">0~90%(Non-condensing)</td>		Working Humidity	0~90%(Non-condensing)	
General Power Consumption 6.5W MAX (With IR on) 8.4W MAX (With IR on) Housing Vandal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance Weight 780g Dimensions Ф130mmX115mm		Power Supply	PoE (802.3af); PoE (802.3af) / DC 12V±10% (Multi-interface Version)	
Weight 780g Dimensions Ф130mmX115mm		Power Consumption		
Dimensions 0130mmX115mm		Housing	Vandal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance	
		Weight	780g	
Warranty 3/5 Years		Dimensions	Φ130mmX115mm	
		Warranty	3/5 Years	



Structure Diagrams



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



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