

AI 3X AF Motorized Dome Network Camera



IP67

IK10



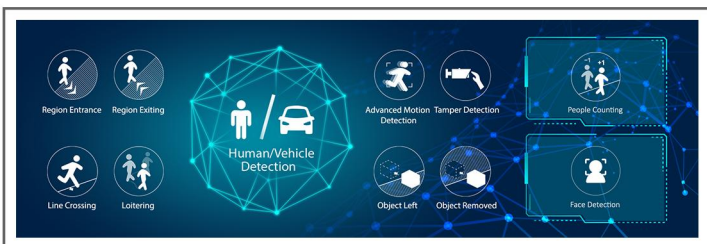
DATASHEET

KEY FEATURES

- ▶ Smart IR II (Combining the High Beam and Low Beam to adjust IR intensity to fit different lighting conditions.)
- ▶ Advanced Functions (Boasting to support various advanced functions such as HLC, Defog, ROI.)
- ▶ Multi-Interface (Easy installation with built-in Microphone, PoE and DC12V.)
- ▶ 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.)
- ▶ 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

- 8 intelligent VCA modes powered by AI engine, which can intelligently filter objects to focus on human and vehicle detection.
- People Counting technology provides high accuracy and real-time data based on AI algorithm with statistic reports.
- Face Detection function detects human faces in the monitoring scene and captures the snapshots, which greatly enhances the monitoring efficiency.



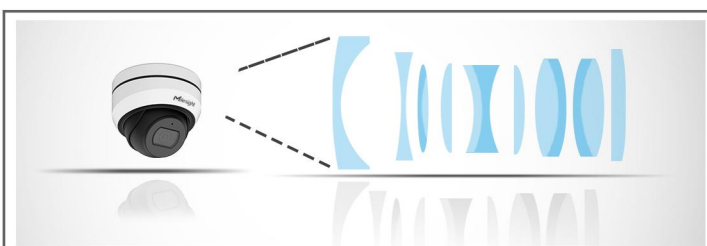
140dB Super WDR & 0.005Lux Ultra Low-light

Equipped with 140dB WDR technology, the cameras capture greater scene details with true colors even in extreme backlight or overexposure conditions. Meanwhile, the cameras are able to capture full-color images in extremely low-light conditions reaching 0.005Lux without extra light supplement.



3X Optical Zoom

The 3X optical zoom(2.8~8.4mm@F1.8~F2.7) can zoom up to distant subjects while still maintaining the clarity, delivering high quality video over the entire zoom range.



IP67&IK10

Supporting IP67-rated weather proofing and IK10-rated vandal proof which are the leading level of the industry, the camera is well protected against adverse impact to ensure the performance.



AI 3X AF Motorized Dome Network Camera



Camera	Model	MS-C2975-REPC (2MP)	MS-C5375-EPC (5MP)
	Image Sensor	1/2.8" Progressive Scan CMOS	
	Min. Illumination	Color: 0.005Lux@F1.8 B/W: 0Lux with IR on	Color: 0.008Lux@F1.8 B/W: 0Lux with IR on
	WDR	140dB Super WDR	120dB Super WDR
	Shutter Time	1/100000s~1s	
	IR Distance	Up to 35m	
	Day/Night Mode	Day/Night/Auto/Customize/Schedule	
	S/N	>55dB	
Lens	Lens	2.8~8.4mm, 3X Optical Zoom	
	Field of View	H111°~H48°/D130°~D55°/V60°~V27°	H101°~H42°/D129°~D53°/V74°~V31°
	Focus Control	Auto/Manual	
	Minimum Working Distance	200~500mm (Wide-Tele)	
	Aperture	F1.8~F2.7	
	Iris Control	Auto	
Video	Max. Image Resolution	1920x1080	2592x1944
	Primary Stream	60Hz: 60fps@(1920x1080, 1280x960, 1280x720, 704x576) 50Hz: 50fps@(1920x1080, 1280x960, 1280x720, 704x576)	60Hz: 30fps@(2592x1944), 45fps@(2048x1536), 60fps@(1920x1080, 1280x960, 1280x720, 704x576) 50Hz: 25fps@(2592x1944), 45fps@(2048x1536), 50fps@(1920x1080, 1280x960, 1280x720, 704x576)
	Secondary Stream	60Hz: 60fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x180) 50Hz: 50fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x180)	60Hz: 30fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x180) 50Hz: 25fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x180)
	Tertiary Stream	60Hz: 30fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240, 320x192, 320x180) 50Hz: 25fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240, 320x192, 320x180)	
	Video Compression	H.265+/H.265(HEVC)/H.264+/H.264/MJPEG	
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)	
	Privacy Masking	Up to 28 areas(24 mask areas and 4 mosaic areas)	
	ROI	Up to 8 areas	
	Image Setting	Brightness/Contrast/Saturation/Sharpness	
Interface	Ethernet	1*RJ45 10M/100M Ethernet Port	
	Audio Interface	Built-in Microphone	
	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, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL	

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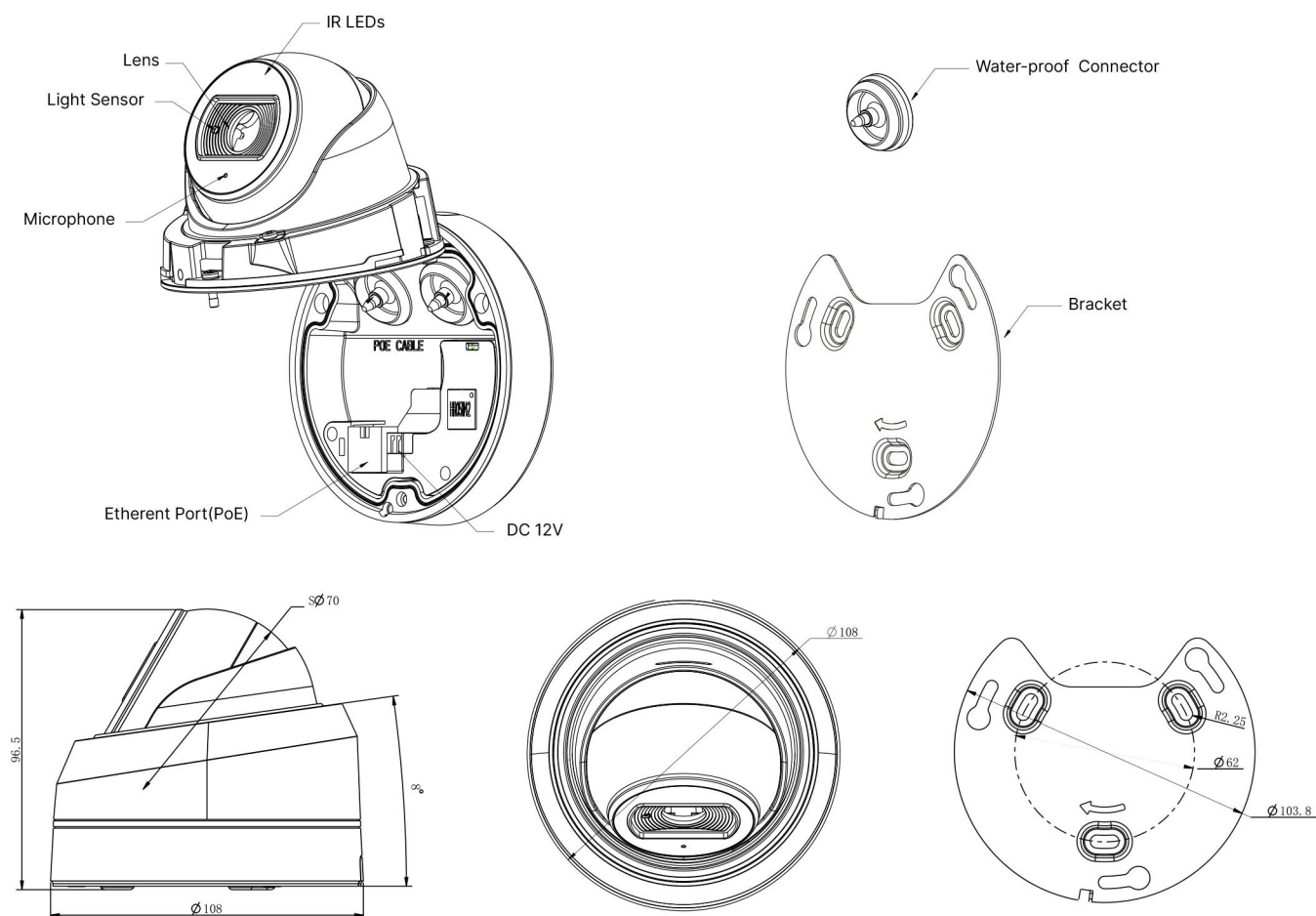


Audio	Audio Compression	G.711/AAC/G.722/G.726
	Audio Sampling Rate	8/16/32/44.1/48KHz
	Audio Bit Rate	16~256kbps
	Two-way Audio	N/A
Intelligent Analytics	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed
	Face Detection	Detect and capture faces, get real-time snapshots
	People Counting&Report	Count the number of people entering or exiting, up to 4 detection areas for regional people counting
System	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 256G
	Advanced Function	Heat Map, BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark
	SIP/VoIP Support	Yes, Voice & Video-over-IP
	Event Trigger	Motion Detection, Network Disconnection, Audio Alarm, etc.;
	Event Action	Motion Detection, Network Disconnection, External Input, Audio Alarm, etc. (Multi-interface Version)
		FTP Upload, SMTP Upload, SD Card Record, SIP Phone, HTTP Notification, etc.;
General	System Compatibility	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc. (Multi-interface Version)
	Working Temperature	ONVIF Profile G & Q & S & T, API
	Working Humidity	-40℃~60℃
	Power Supply	0~90%(Non-condensing)
	Power Consumption	PoE (802.3af) / DC 12V±10%
	Weather Proof	6W MAX
	Housing	8W MAX (With IR on)
	Weight	Up to IP67-rated for Weather-resistant Performance
	Dimensions	Vandal-proof IK10-rated Metal Housing
	Warranty	620g
		Φ108mmX96.5mm
		3/5 Years

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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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