AI Motorized Pro Dome Network Camera

IP67 + IK10

Motorized Lens

AI | H.265+ HEVC | Starlight | Super WDR | IR | 3-Axis | Mic | SD XC | GQST ONVIF | PoE | Weather-proof | Vandal-proof

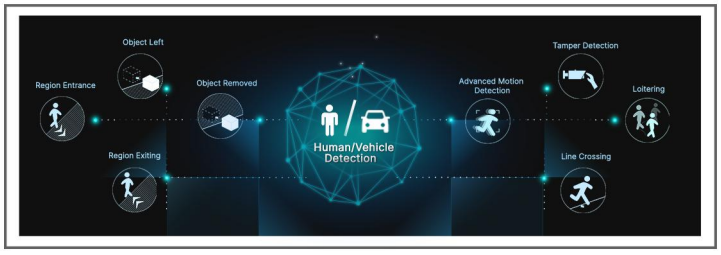
DATASHEET

KEY FEATURES

- Smart Stream (Bandwidth, storage and bit rate are saved with Smart Stream On, eg, H.265+ saves 70%~80% bandwidth that of H.264.)
- Smart IR II (Combining the High Beam and Low Beam to adjust IR intensity to fit different lighting conditions.)
- 0.001Lux Starlight (Deliver high detailed color images even in low light environment reaching 0.001Lux.)
- P-Iris (Giving you a more clear scene with depth of view.)
- 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.)

AI Video Analytics

Powered by advanced AI engine, Milesight new generation video analytics boasts with higher accuracy via a pre-trained deep learning model and continuously training to algorithms automatically. Milesight cameras can intelligently filter objects to focus on human and vehicle detection, together with multiple event rules including face detection, people counting, loitering, etc. to meet diverse scenarios for building a smarter and safer world.



20fps@4K

Providing 4K HD resolution with frame rate of 20fps, the camera performs well in catching detailed image regardless of the moving speed.

140dB Super WDR

Milesight's 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 140dB.

Clamshell Design

Aiming to reduce the installation troubles to the least, Milesight creatively introduces the clamshell design to the dome base. This revolutionary innovation enlarges the space to make cable connection a piece of cake, greatly saving efforts for installers.

AI Motorized Pro Dome Network Camera

	Model	MS-C2972-RF(I)PC (2MP)	MS-C5372-F(I)PC (5MP)
Camera	Image Sensor	1/2.8" Progressive Scan CMOS	
	Min. Illumination	Color: 0.002Lux@F1.2 Color: 0.005Lux@F1.4 B/W: 0Lux with IR on	Color: 0.005Lux@F1.2 Color: 0.008Lux@F1.4 B/W: 0Lux with IR on
	WDR	140dB Super WDR	120dB Super WDR
	Shutter Time	1/100000s~1s	
	IR Distance	Up to 50m(3.0~10.5mm/2.7~13.5mm) Up to 90m(7~22mm)	
	Day/Night Mode	Day/Night/Auto/Customize/Schedule	
	S/N	>55dB	
Lens	Lens	Motorized 3.0~10.5mm/2.7~13.5mm/7~22mm@F1.4 P-Iris(Optional)	
	Field of View	H93°~H33°/D107°~D38° /V52°~V18° (3.0~10.5m) H92°~H32°/D107°~D37° /V51°~V18° (2.7~13.5mm) H40°~H16°/D46°~D19° /V23°~V9° (7~22mm)	H90°~H31°/ D114°~D38° / V67°~V23°(3.0~10.5mm) H89°~H30°/D111°~D37° /V66°~V22° (2.7~13.5mm) H37°~H15°/D47°~D19° /V28°~V11° (7~22mm)
	Mount	Φ14	
	Focus Control	Auto/Manual	
	Iris Control (Optional for I Series)	Auto/Manual	
Video	Max. Image Resolution	1920x1080	2592x1944
	Primary Stream	60fps@(1920x1080, 1280x960, 1280x720, 704x576)	30fps@(2592x1944), 45fps@(2048x1536), 60fps@(1920x1080, 1280x960, 1280x720, 704x576)
	Secondary Stream	30fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x180)	
	Tertiary Stream	30fps@(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 8 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 and 1 Audio Output interface	
	Alarm I/O	1/1	

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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	
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	
System	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 256G	
	Advanced Function	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, External Input, etc.	
	Event Action	FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc.	
	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing,Loitering, Human Detection, People Counting, Object Left, Object Removed	
	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) / DC 12V±10%	
	Power Consumption	6.6W MAX 8.5W MAX (With IR on)	6.6W MAX 8.6W MAX (With IR on)
	Housing	Vandal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance	
	Weight	1100g	
	Dimensions	Φ143mmX108.4mm	
	Warranty	3/5 Years	

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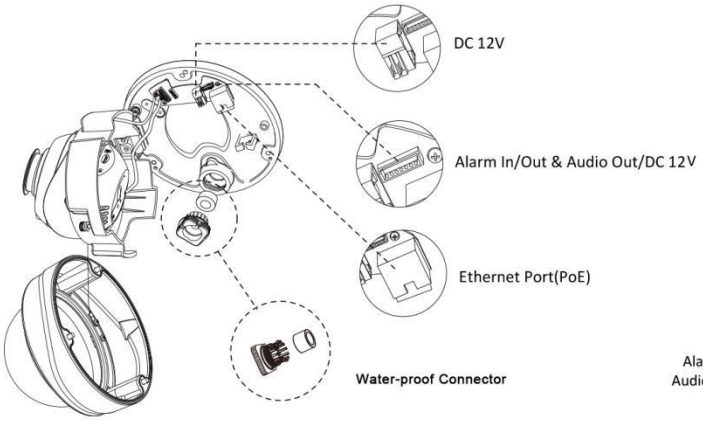
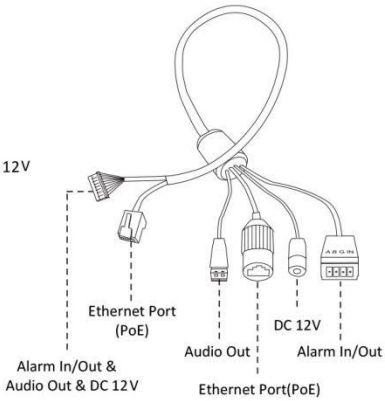
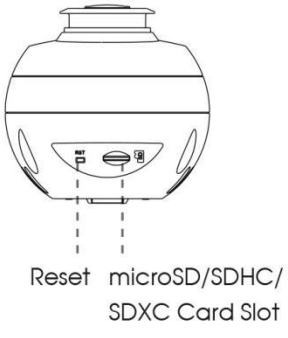
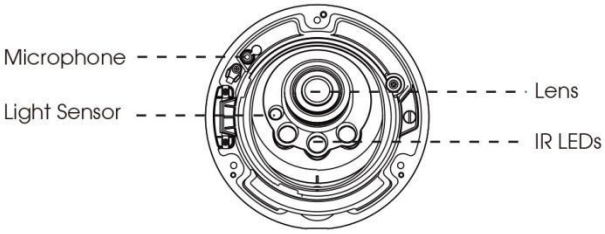
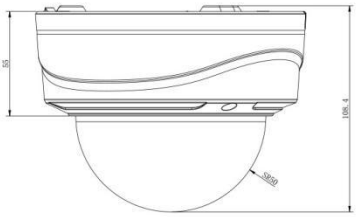
Structure Diagrams

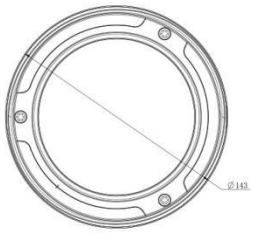












Units: mm

Accessories Support

A01 Pole Mount

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

A02 Internal Corner Bracket

Weight: 540g
Dimensions: 170*23.2*205.3mm

A03 External Corner Bracket

Weight: 900g
Dimensions: 170*152.6*76.3mm

A72 Wall Mount

Weight: 560g
Dimensions: 240*160*136mm

AC-72 Smoked Dome Cover

For concealing where a camera is pointed

A75 Junction Box

Weight: 200g
Dimensions: 155.5*167*33.5mm

A76 Pendant Mount

Weight: 620g
Dimensions: 136*L (L is default as 300mm, also can be extended with A76-L)

A76-L Extension Lever

Weight: 315g
Dimensions: 34*300mm

Milesight Technology Co.,Ltd. | www.milesight.com

Contact Us: sales@milesight.com support@milesight.com

Add: 220 NE 51st Street, Oakland Park, Florida 33334, USA
Tel: +1-800-561-0485

Add: 925, Anyang SK V1 Center, LS -ro 116beon-gil, Dongan-gu, Anyang-si, Korea
Tel: +82-31-990-7732

Add: No.23 Wanghai Road, 2nd Software Park, Xiamen, China
Tel: +86-592-5922772