Milesight

2/4/5 Megapixel 12x H.265 AF Motorized Pro Bullet Network Camera

H.265+ HEVC · Starlight · Super WDR · IR · Weather Proof · 3-Axis · Privacy Masking · SD XC · PoE · Profile S Onvif · VCA

MS-C2962-(R)EPB/MS-C4462-EPB/
MS-C5362-EPB

DATASHEET

KEY FEATURES

- Smart Stream (Bandwidth, storage and bit rate save with Smart Stream ON, eg, H.265+ save 70%~80% bandwidth of H.264.)
- Smart IR II (Combining the High Beam and Low Beam to adjust IR intensity to fit different lighting conditions.)
- HLC (High Light Compensation. Improving image visibility under strong light sources.)
- P-Iris (Giving you a more clear scene with depth of view.)
- Defog (Defog technology. Restoring clear images in hazy and foggy weather.)
- Integrated Cable Management (Combining the power interface, PoE port, and other interfaces in the base neatly.)
- 128G (Supporting ultra-large external microSD/SDHC/SDXC card storage up to 128G.)

Video Content Analysis

Milesight VCA with 8 detection modes provides advanced, accurate smart video analysis for Milesight network cameras, enabling the comprehensive surveillance function and quicker response to different monitoring scenes.

0.002Lux Ultra Low-light

The starlight camera is able to deliver high detailed color images even in low light environment reaching 0.002Lux(Color) or 0Lux(B/W), and near infrared light environments without any supplementary lighting.

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.

60fps

The camera offers super high frame rate up to 60fps@1080P resolution which is double the number of frames offered by conventional HD network cameras. This technology enables the camera to capture stable and latency free clear images on fast moving objects.

12x H.265 AF Motorized Pro Bullet Network Camera

	Model	MS-C2962-(R)EPB (2MP)	MS-C4462-EPB (4MP)	MS-C5362-EPB (5MP)
Camera	Image Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS
	Min. Illumination	Color: 0.002Lux@F1.2 B/W: 0Lux with IR on	Color: 0.008Lux@F1.2 B/W: 0Lux with IR on	Color: 0.006Lux@F1.2 B/W: 0Lux with IR on
	WDR	Super WDR up to 140dB	Super WDR up to 120dB	
	Lens	5.3~64mm@F1.6~F2.8, 12x AF Lens		
	Mount	Φ14		
	Field of View	H61°~H5°/D69°~D5°/ V36°~V2°	H57°~H4°/D65°~D5°/ V35°~V2°	H49°~H3°/D59°~D4°/ V38°~V2°
	Shutter Time	1/100000s~1/5s		
	IR Distance	Up to 80m		
	Day&Night	ICR Filter Auto Switch		
Video	Max. Image Resolution	1920×1080	2592×1520	2560×1920
	Primary Stream	30fps@(1920×1080, 1280×960,1280×720, 704x576) (60fps available for -R series)	20fps@(2592×1520), 30fps@(2304x1296, 1920×1080, 1280×960, 1280×720, 704x576)	20fps@(2560×1920, 2592×1520), 30fps@(2304x1296, 1920×1080, 1280×960, 1280×720, 704x576)
	Secondary Stream	30fps@(704x576, 640×480, 640×360, 352x288, 320x240, 320x192, 320x176)		
	Tertiary Stream	30fps@(1920×1080, 1280×720, 704×576, 640×480, 640×360, 320×240, 320x192, 320x176)		
	Video Compression	H.265+/H.265(HEVC)/H.264+/H.264/MJPEG		
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)		
	Image Setting	Brightness/Contrast/Saturation/Sharpness		
Network	Ethernet	1*RJ45 10M/100M Ethernet Port		
	Network Storage	NAS(Support NFS, SMB/CIFS)		
	Protocol	IPv4/IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, SIP, PPPoE, VLAN, 802.1x		
Audio	Audio Compression	G.711/AAC		
	Audio I/O	1/1		
System	Alarm I/O	1/1		
	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 128G		
	Advanced Function	Motion Detection, Privacy Masking, Backlight Compensation, HLC, 3D-DNR, ROI, Anti-fog		
	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		
	Video Analysis (Optional)	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Human Detection, People Counting		
	System Compatibility	ONVIF Profile S		
General	Working Temperature	-30℃~60℃		
	Working Humidity	0~90%(Non-condensing)		
	Power Supply	PoE/ DC 12V±10%		
	Power Consumption	5.5W MAX 11.1W MAX (With IR on)		
	Weather Proof	Up to IP67-rated for Weather-resistant Performance		
	Weight	1080g		
	Dimensions	Φ107mmX266mm		
	Warranty	3/5 Years		

V7.2

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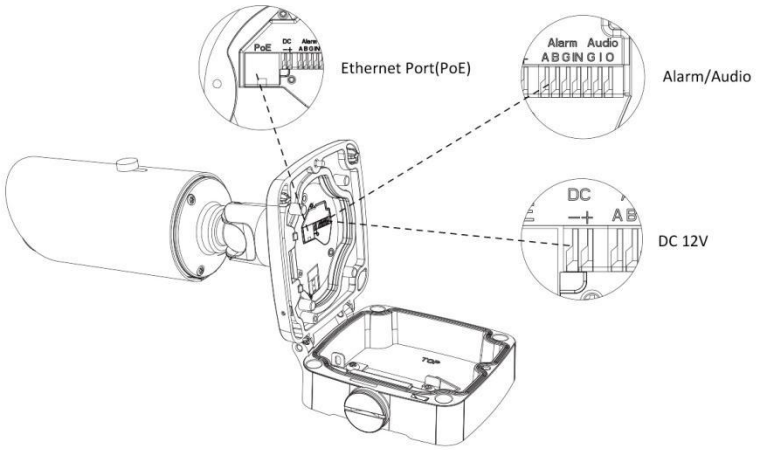
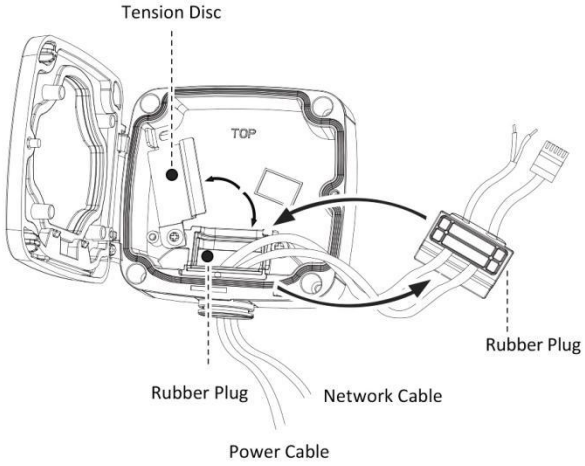
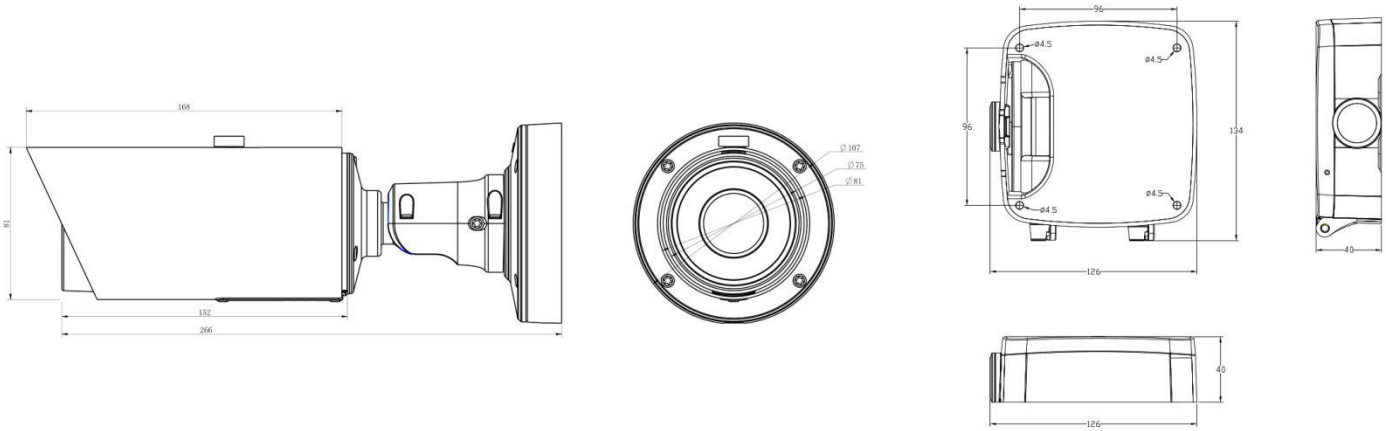
Structure Diagrams







Units: mm

Accessories Support

A01-N Pole mount with stainless steel straps

Weight: 730g
Dimensions: 170*51.5*152.6mm

A02 Corner bracket

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

A03 Corner bracket

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

A62 Junction box

Weight: 510g
Dimensions: 134*127*40mm

Naming Convention

MS-C	2	9	62-	R	E	PB
	2 - 2MP (4 - 4MP/ 5 - 5MP)	Sensor	Pro Bullet	High Frame	Enterprise Edition	PoE+H.265

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