Milesight

2/3/4/5 Megapixel H.265 Motorized Mini Bullet Network Camera

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

MS-C2963-(R)F(I)PB/MS-C3763-F(I)PB/
MS-C4463-F(I)PB/MS-C5363-F(I)PB

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.)
- Powerful IR LEDs (Equipped with 3rd generation dot matrix IR LEDs, guaranteeing excellent image quality, long lifespan and energy efficiency.)
- Advanced Functions (Boasting to support various advanced functions such as HLC, Defog, ROI.)
- 128G (Supporting ultra-large external microSD/SDHC/SDXC card storage up to 128G.)
- Adjustable 3-Axis Bracket (Providing a robust mounting platform for angle adjustments on a 3-axis plane.)

Video Content Analysis

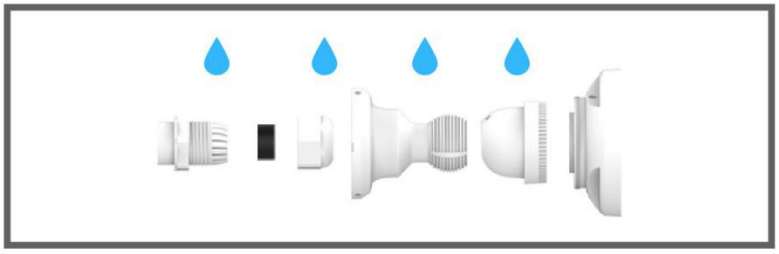
Milesight VCA with 8 detection modes provides advanced, accurate smart video analysis for Milesight network cameras, enabling the comprehensive surveillance function and quicker response to different monitoring scenes.

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.



Weather-proof Design

For easy management and weather resistant, the camera is also equipped with a mounting bracket that conceals the cable within, offering a well-rounded protection of the cable from any water, dust or shock damages.

H.265 Motorized Mini Bullet Network Camera

	Model	MS-C2963-(R)F(I)PB (2MP)	MS-C3763-F(I)PB (3MP)	MS-C4463-F(I)PB (4MP)	MS-C5363-F(I)PB (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: 0.005Lux@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	Motorized 2.8~12mm @F1.4 P-Iris(Optional)			
	Mount	Φ14			
	Field of View	H86°~H33°/ D99°~D38°/ V48°~V19°	H77°~H30°/ D96°~D38°/ V58°~V23°	H80°~H31°/ D93°~D36°/ V47°~V18°	H67°~H25°/ D84°~D31°/ V51°~V19°
	Shutter Time	1/100000s~1/5s			
	IR Distance	Up to 45m			
	Day&Night	ICR Filter Auto Switch			
Video	Max. Image Resolution	1920×1080	2048x1536	2592×1520	2560×1920
	Primary Stream	30fps@(1920×1080, 1280×960, 1280×720, 704x576) (60fps available for -R series)	30fps@(2048x1536, 1920×1080, 1280×960, 1280×720, 704x576)	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			
	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, etc.			
	Event Action	FTP Upload/ SMTP Upload/ SD Card Record/ 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 9.5W MAX (With IR on)	6W MAX 9.5W MAX (With IR on)	4.5W MAX 7W MAX (With IR on)	
	Weather Proof	Up to IP67-rated for Weather-resistant Performance			
	Weight	820g			
	Dimensions	Φ76mmX236mm			
	Warranty	3/5 Years			

V7.2

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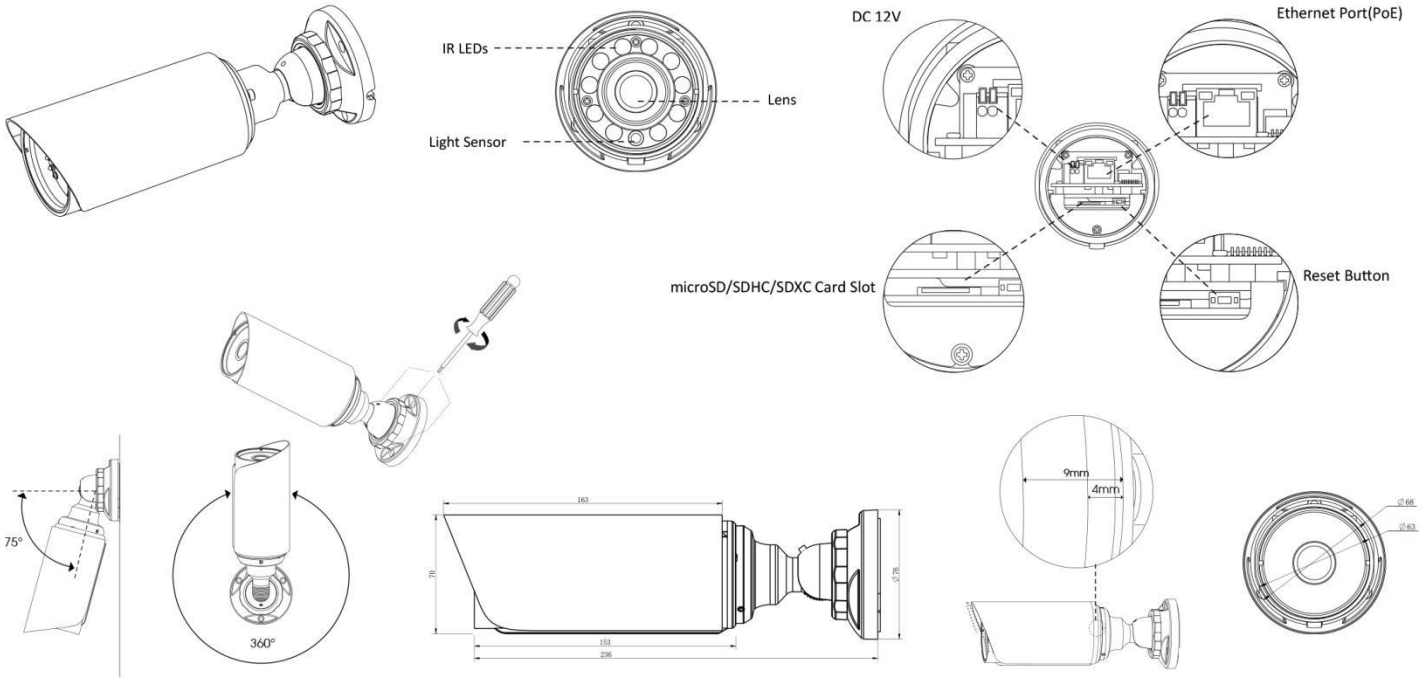
Structure Diagrams



Units: mm

Accessories Support

A01 Pole mount with stainless steel straps

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

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

A63 Junction Box

Weight: 620g
Dimensions: 134*127*40

Naming Convention

MS-C	2	9	63-	R	F	I	PB
	2 - 2MP (3 - 3MP/4 - 4MP/5 - 5MP)	Sensor	Mini Bullet	High Frame	Motorized Lens	P-Iris	PoE+H.265

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