Milesight

2/5 Megapixel H.265 Vandal-proof Motorized Mini Bullet Network Camera

H.265+ HEVC | Starlight | Super WDR | IR | Weather Proof | Vandal-proof | Privacy Masking | 3-Axis | SD XC | PoE | ProfileS G Onvif | VCA

MS-C2864-(R)F(I)PB/MS-C2964-(T)(R)F(I)PB/
MS-C5364-(H)F(I)PB

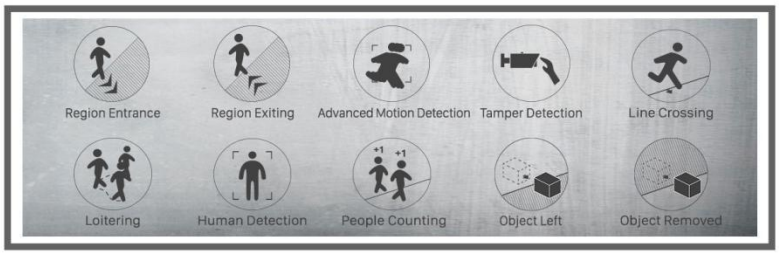
DATASHEET

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



0.001Lux Ultra Low-light

The starlight camera is able to deliver high detailed color images even in low light environment reaching 0.001Lux(Color) or 0Lux(B/W), and near infrared light environments without any supplementary lighting.

3 in 1 Super WDR Pro - 140dB

Milesight upgraded 3 in 1 Super WDR Pro outputs three frames each line, which is able to bring more details especially moving subjects. What's more, it greatly improves image quality for reducing smear and noisy points. The ratio that the brightest light signal values divided by the darkest light signal values is up to 140dB.

90fps

The high frame rate ups to 90fps@1080P resolution, which triples the number of frames offered by conventional HD network cameras. It enable Milesight cameras to capture real-time and low-latency images of fast moving objects clearly.

H.265 Vandal-proof Motorized Mini Bullet Network Camera

	Model	MS-C2864-(R)F(I)PB (2MP)	MS-C2964-(T)(R)F(I)PB (2MP)	MS-C5364-(H)F(I)PB (5MP)
Camera	Image Sensor	1/2" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	
	Min. Illumination	Color: 0.001Lux@F1.2 B/W: 0Lux with IR on	Color: 0.002Lux@F1.2 B/W: 0Lux with IR on	Color: 0.005Lux@F1.2 B/W: 0Lux with IR on
	WDR	140dB Super WDR	140dB Super WDR **(Super WDR Pro is optional for T Series)**	120dB Super WDR
	Lens	Motorized 3.6~10mm @F1.4 P-Iris(Optional)	Motorized 2.8~12mm/3.0~10.5mm/7~22mm @F1.4 P-Iris(Optional)	
	Mount	Φ14		
	Field of View	H99°~H44°/ D114°~D50°/ V56°~V24°	H84°~H31°/D94°~D35°/V46°~V15°(2.8~12mm) H87°~H29°/D99°~D32°/V45°~V14°(3~10.5mm) H34°~H14°/D37°~D15°/V19°~V7°(7~22mm)	H77°~H28°/ D96°~D35°/ V58°~V21°(2.8~12mm) H83°~H27°/D104°~D34°/V62°~V20°(3~10.5mm) H36°~H13°/D44°~D17°/V28°~V10°(7~22mm)
	Shutter Time	1/100000s~1s		
	IR Distance	Up to 45m		
	Day&Night	ICR Filter Auto Switch		
Video	Max. Image Resolution	1920x1080		2592x1944
	Primary Stream	**60fps@(1920x1080)** **(Optional for R Series),** 30fps@(1920x1080, 1280x960, 1280x720, 704x576)	**90fps@(1920x1080)** **(Optional for T Series),** **60fps@(1920x1080)** **(Optional for R Series),** 30fps@(1920x1080, 1280x960, 1280x720, 704x576)	**30fps@(2592x1944)** **(Optional for H Series),** 20fps@(2592x1944), 30fps@(1920x1080, 1280x960, 1280x720, 704x576)
	Secondary Stream	30fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x176)		
	Tertiary Stream	30fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240, 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, QoS, IGMP, ICMP, SSL		
	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 128G		
	Advanced Function	Privacy Masking, Backlight Compensation, HLC, 2D DNR, 3D DNR, ROI, Anti-fog, White Balance, EIS, IP Address Filtering		
	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, HTTP Notification, etc.		
	Video Analysis (Optional)	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Human Detection, People Counting, Object Left, Object Removed		
	System Compatibility	ONVIF Profile S & G		
General	Working Temperature	-40℃~60℃		
	Working Humidity	0~90%(Non-condensing)		
	Power Supply	PoE (802.3af)/ DC 12V±10%		
	Power Consumption	8.7W MAX 12.2W MAX (With IR on)	8W MAX 11.5W MAX (With IR on)	8.5W MAX 12W MAX (With IR on)
	Weather Proof	Up to IP67-rated for Weather-resistant Performance		
	Housing	Vandal-proof IK10-rated Metal Housing		
	Weight	825g		
	Dimensions	Φ76mmX239.5mm		
	Warranty	3/5 Years		

V7.13

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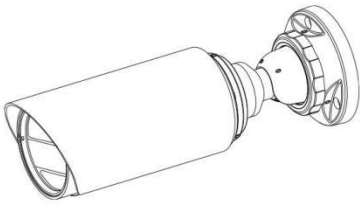
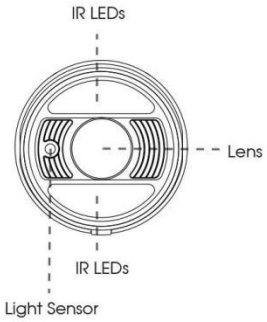
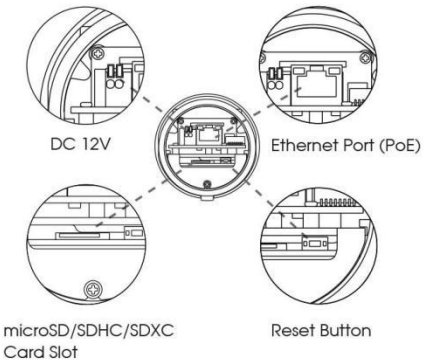
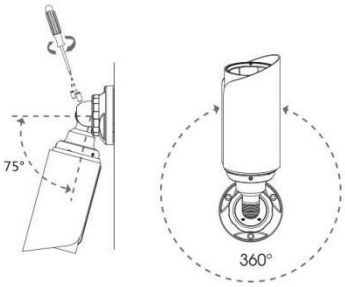
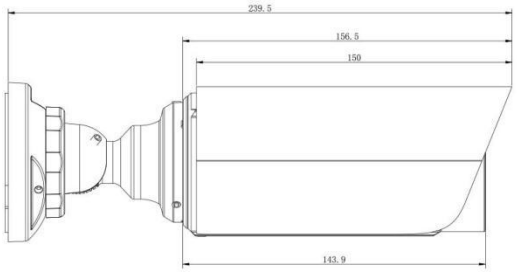
Structure Diagrams

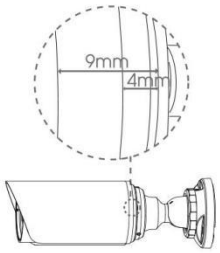












Units: mm

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

A63 Junction Box

Weight: 620g
Dimensions: 134*127*40mm

Naming Convention

MS-C	2	9	64-	R	F	I	PB
	2 - 2MP (5 - 5MP)	Sensor	Vandal-proof Mini Bullet	R - High Frame Rate (60fps) (H - 30fps@5MP Series T - High Frame Rate (90fps))	Motorized Lens	P-Iris	PoE+H.265

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