Milesight

H.265⁺ Vandal-proof Mini Bullet Network Camera

H.265⁺ HEVC | **Starlight** | **Super WDR** | **IR** | **Weather Proof** | **Vandal-proof**

Privacy Masking | **3-Axis** | **SDXC** | **POE** | **GQST Onvif** | **VCA**

IP67

IK10

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.)

▸ **256G** (Supporting ultra-large external microSD/SDHC/SDXC card storage up to 256G.)

▸ **Adjustable 3-Axis Bracket** (Providing a robust mounting platform for angle adjustments on a 3-axis plane.)

4K Video Viewing Experience

Milesight 4K H.265 Network Camera delivers up to 4K resolution (3840*2160, effectively four times that of Full HD) at 15 frames per second (fps), providing users with ultra-high-definition video viewing experience.

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.

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.

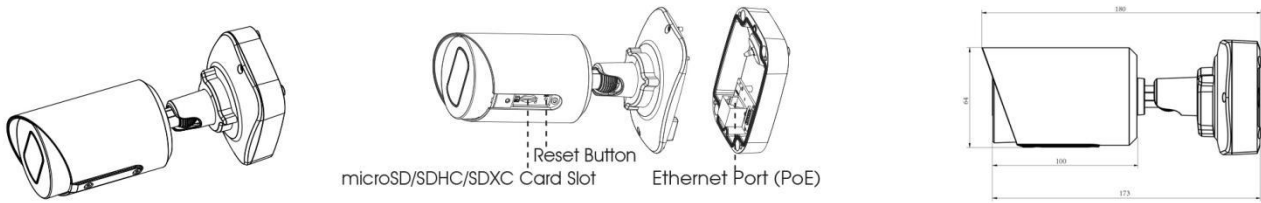# H.265$^+$ Vandal-proof Mini Bullet Network Camera

	Model	MS-C2964-(R)PB (2MP)	MS-C5364-(H)PB (5MP)	MS-C8164-PB (4K)
Camera	Image Sensor	1/2.8" Progressive Scan CMOS		
	Min. Illumination	Color: 0.002Lux@F1.2 Color: 0.005Lux@F1.6/F2.0/F2.2 B/W: 0Lux with IR on	Color: 0.005Lux@F1.2 Color: 0.008Lux@F1.6/F2.0/F2.2 B/W: 0Lux with IR on	Color: 0.01Lux@F1.2 Color: 0.012Lux@F1.6/F2.0/F2.2 B/W: 0Lux with IR on
	WDR	140dB Super WDR	120dB Super WDR	
	Lens	2.8mm@F2.0 / 3.2mm@F2.2 / 3.6mm@F2.2 / 6mm@F1.6		2.8mm@F2.0 / 3.6mm@F2.2 / 6mm@F1.6
	Mount	M12		
	Field of View	H123°/D142°/V68°(2.8mm) H108°/D126°/V59°(3.2mm) H90°/D105°/V48°(3.6mm) H57°/D66°/V32°(6mm)	H113°/D144°/V84°(2.8mm) H98°/D124°/V73°(3.2mm) H82°/D105°/V60°(3.6mm) H52°/D65°/V39°(6mm)	H124°/D140°/V69°(2.8mm) H89°/D103°/V49°(3.6mm) H57°/D65°/V32°(6mm)
	Shutter Time	1/100000s~1s		
	IR Distance	Up to 30m		
	Day&Night	ICR Filter Auto Switch		
	S/N	>55dB		
Video	Max. Image Resolution	1920x1080	2592x1944	3840x2160
	Primary Stream	**60fps@(1920x1080) (Optional for R Series),** 30fps@(1920x1080, 1280x960, 1280x720, 704x576)	**30fps@(2592x1944), 45fps@(2048x1536), 60fps@(1920x1080) (Optional for H Series),** 20fps@(2592x1944), 30fps@(2048x1536, 1920x1080, 1280x960, 1280x720, 704x576)	15fps@(3840x2160), 30fps@(3072x2048, 2592x1944, 2592x1520, 2048x1536, 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)		
	Image Setting	Brightness/Contrast/Saturation/Sharpness		
Network	Ethernet	1*RJ45 10M/100M Ethernet Port		
	Network Storage	NAS(Support NFS, SMB/CIFS)		
	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		
System	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 256G		
	Advanced Function	Privacy Masking, BLC, HLC, 2D DNR, 3D DNR, ROI, 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, etc.		
	Event Action	FTP Upload, SMTP Upload, SD Card Record, 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		
General	Working Temperature	-40℃~60℃		
	Working Humidity	0~90%(Non-condensing)		
	Power Supply	PoE (802.3af)		
	Power Consumption	3W MAX 5W MAX (With IR on)	3.5W MAX 5.5W MAX (With IR on)	5.2W 6.6W MAX (With IR on)
	Weather Proof	Up to IP67-rated for Weather-resistant Performance		
	Housing	Vandal-proof IK10-rated Metal Housing		
	Weight	610g (Junction Box Version) / 450g (Cable Out Version)		
	Dimensions	97mmX74mmX180mm (Junction Box Version) / Φ64mmX160mm (Cable Out Version)		
	Warranty	3/5 Years		

V7.20

Structure Diagrams

Junction Box Version

Reset Button
microSD/SDHC/SDXC Card Slot   Ethernet Port (PoE)

Cable Out Version

Reset Button
microSD/SDHC/SDXC Card Slot   Ethernet Port (PoE)

Light Sensor — — — — — — lens

IR LEDs — — — — — — — —
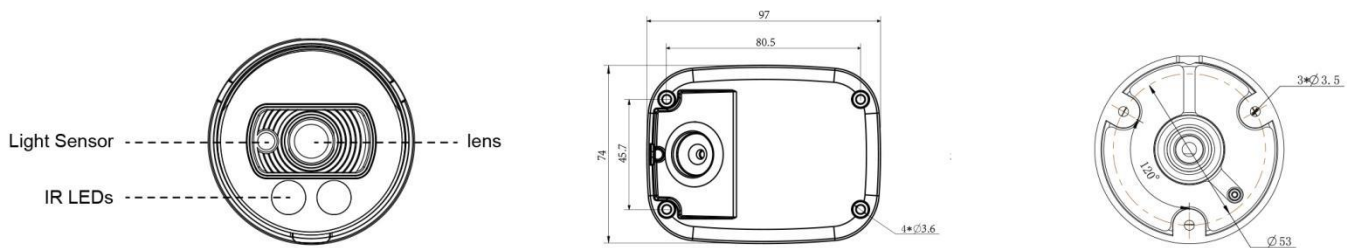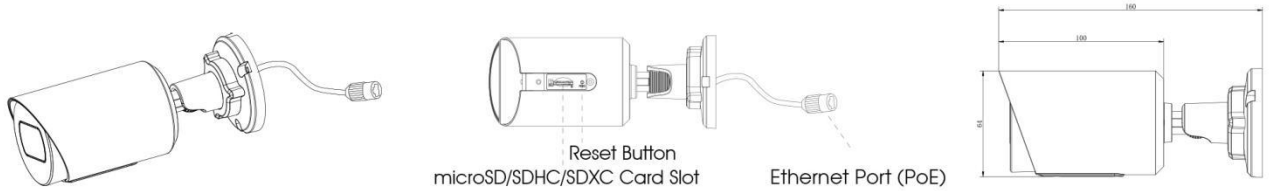
Units: mm

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