Milesight

H.265⁺ Mini Bullet Network Camera

IP67
IK10

H.265⁺ HEVC | **Starlight** | **Super WDR** | **IR** | **Weather Proof** | **Privacy Masking**

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

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.)

▶ **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.)

30fps@4K

Providing 4K HD resolution with frame rate of 30fps, the camera performs well in catching detailed image regardless of the moving speed.
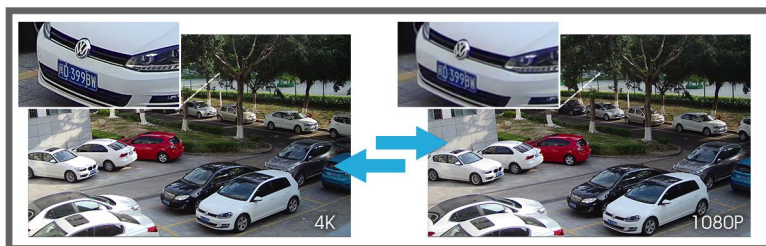
0.002Lux Ultra Low-light

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.
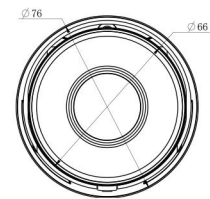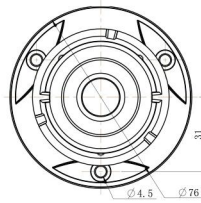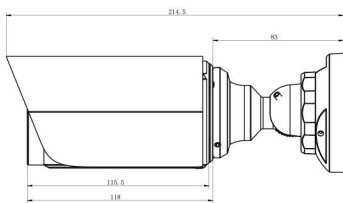
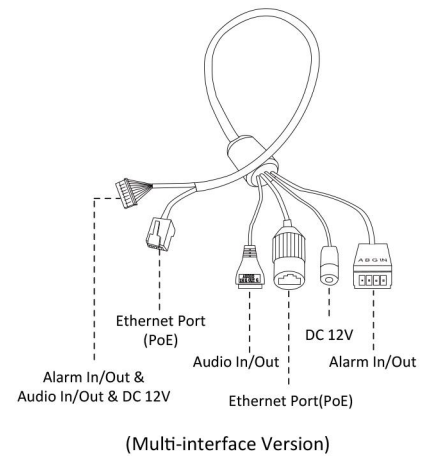# H.265⁺ Mini Bullet Network Camera

Model	MS-C2963-(R)PB (2MP)	MS-C5363-(H)PB (5MP)	MS-C8163-(H)PB (4K)
Camera			
Image Sensor	1/2.8" 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: 0.01Lux@F1.2 B/W: 0Lux with IR on
WDR	140dB Super WDR	120dB Super WDR	
Lens	4mm/2.8mm/6mm @F1.6		
Mount	M12		
Field of View	H91°/D106°/V50°(4mm) H111°/D128°/V61°(2.8mm) H55°/D63°/V32°(6mm)	H86°/D108°/V63°(4mm) H105°/D131°/V78°(2.8mm) H52°/D63°/V40°(6mm)	H91°/D106°/V50°(4mm) H110°/D126°/V60°(2.8mm) H55°/D63°/V32°(6mm)
Shutter Time	1/100000s~1s		
IR Distance	Up to 50m		
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)	**30fps@(3840x2160)(Optional for H Series),** 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		
Audio			
Audio Compression	G.711/AAC/G.722/G.726		
Audio I/O	1/1 (Multi-interface Version)		
System			
Alarm I/O	1/1 (Multi-interface Version)		
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.; Motion Detection, Network Disconnection, External Input, Audio Alarm, etc. (Multi-interface Version)		
Event Action	FTP Upload, SMTP Upload, SD Card Record, SIP Phone, HTTP Notification, etc.; FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc. (Multi-interface Version)		
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); PoE (802.3af) / DC 12V±10% (Multi-interface Version)		
Power Consumption	4W MAX 5.5W MAX (With IR on)	4.5W MAX 6W MAX (With IR on)	6W MAX 7W MAX (With IR on)
Weather Proof	Up to IP67-rated for Weather-resistant Performance		
Housing	Vandal-proof IK10-rated Metal Housing		
Weight	750g		
Dimensions	Φ76mmX214.5mm		
Warranty	3/5 Years		

Milesight   www.milesight.com

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Structure Diagrams

Lens

IR LEDs

Ethernet Port (PoE)

Multi-interface

microSD/SDHC/SDXC Card Slot

Reset

Ethernet Port (PoE)

Audio In/Out

DC 12V

Alarm In/Out

Alarm In/Out & Audio In/Out & DC 12V

Ethernet Port(PoE)

(Multi-interface Version)
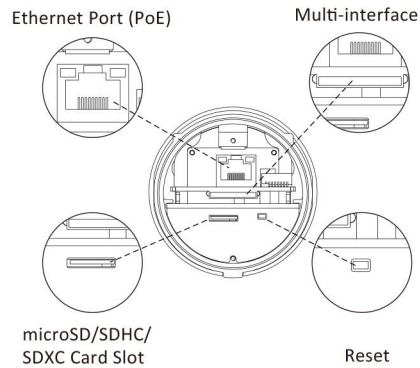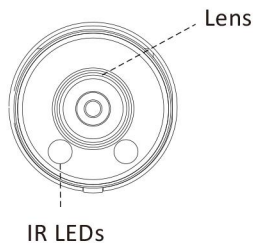
Units: mm

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