

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

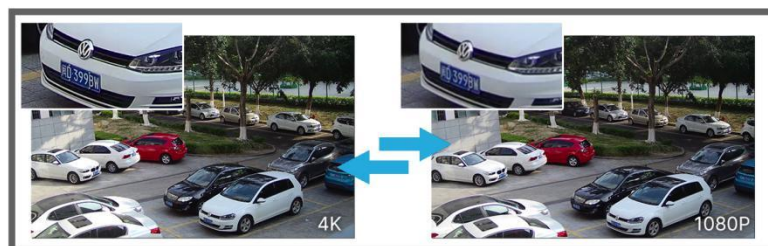
DATASHEET

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.)
- ▶ **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.

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	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 B/W: 0Lux with IR on	Color: 0.005Lux@F1.2 Color: 0.008Lux@F1.6/F2.0 B/W: 0Lux with IR on	Color: 0.01Lux@F1.2 Color: 0.012Lux@F1.6/F2.0 B/W: 0Lux with IR on	
	WDR	140dB Super WDR	120dB Super WDR		
	Lens	2.8mm/4mm/6mm@F1.6; 2.8mm@F2.0			
	Mount	M12			
	Field of View	H111°/D128°/V61°(2.8mm@F1.6) H123°/D142°/V68°(2.8mm@F2.0) H91°/D106°/V50°(4mm) H55°/D63°/V32°(6mm)	H105°/D131°/V78°(2.8mm@F1.6) H113°/D144°/V84°(2.8mm@F2.0) H86°/D108°/V63°(4mm) H52°/D63°/V40°(6mm)	H110°/D126°/V60°(2.8mm@F1.6) H124°/D140°/V69°(2.8mm@F2.0) H91°/D106°/V50°(4mm) H55°/D63°/V32°(6mm)	
	Shutter Time	1/100000s~1s			
	IR Distance	Up to 30m			
	Day/Night Mode	Day/Night/Auto/Customize/Schedule			
	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)			
Privacy Masking		Up to 8 areas			
ROI		Up to 8 areas			
Image Setting		Brightness/Contrast/Saturation/Sharpness			
Interface	Ethernet	1*RJ45 10M/100M Ethernet Port			
Network	Network Storage	NAS(Support NFS, SMB/CIFS), ANR			
	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			

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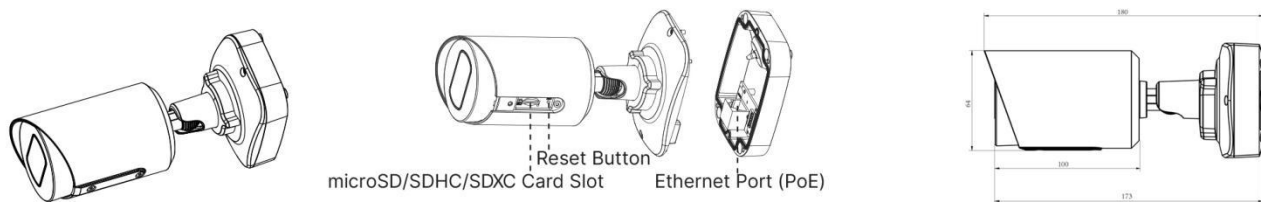
System	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 256G		
	Advanced Function	BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark		
	SIP/VoIP Support	Yes, Voice & Video-over-IP		
	Event Trigger	Motion Detection, Network Disconnection, 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, API		
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		

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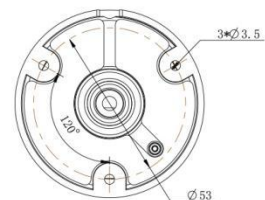
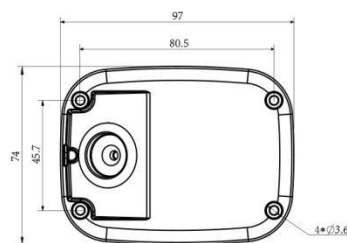
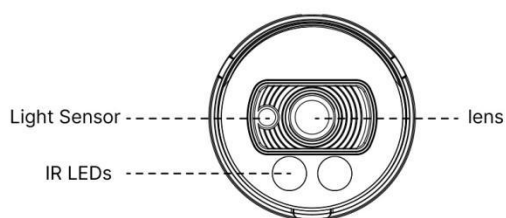
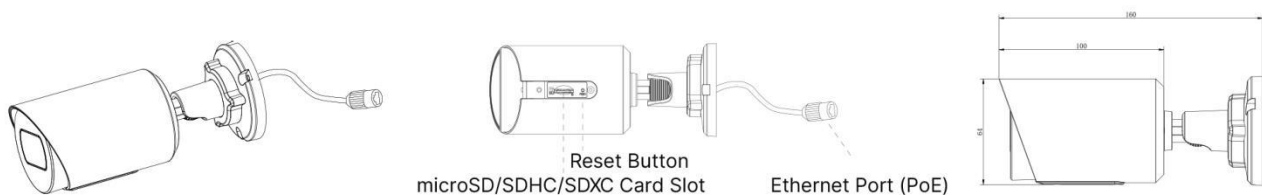


Structure Diagrams

Junction Box Version



Cable Out Version



Units: mm

Accessories Support

A01 Pole Mount

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



A03 External Corner Bracket

Weight: 900g
Dimensions: 170*152.5*76.3mm



Milesight Technology Co., Ltd. | www.milesight.com

Contact Us: sales@milesight.com support@milesight.com

Add: 220 NE 51st Street, Oakland
Park, Florida 33334, USA
Tel: +1-800-561-0485

Add: 925, Anyang SK V1 Center, LS-ro
116beon-gil, Dongan-gu, Anyang-si, Korea
Tel: +82-31-990-7732

Add: No.23 Wanghai Road,
2nd Software Park, Xiamen, China
Tel: +86-592-5922772

