

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



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.

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



|                  | Model                                    | MS-C2964-(R)PB<br>(2MP)  | MS-C5364-(H)PB<br>(5MP)   | MS-C8164-PB<br>(4K)  |
|------------------|--|--|---|--|
| <b>Camera</b>    | Image Sensor                             | 1/2.8" Progressive Scan CMOS   |   |  |
|                  | Min. Illumination                        | Color: 0.002Lux@F1.2<br>Color: 0.005Lux@F1.6/F2.0<br>B/W: 0Lux with IR on  | Color: 0.005Lux@F1.2<br>Color: 0.008Lux@F1.6/F2.0<br>B/W: 0Lux with IR on   | Color: 0.01Lux@F1.2<br>Color: 0.012Lux@F1.6/F2.0<br>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)<br>H123°/D142°/V68°(2.8mm@F2.0)<br>H91°/D106°/V50°(4mm)<br>H55°/D63°/V32°(6mm)  | H105°/D131°/V78°(2.8mm@F1.6)<br>H113°/D144°/V84°(2.8mm@F2.0)<br>H86°/D108°/V63°(4mm)<br>H52°/D63°/V40°(6mm)   | H110°/D126°/V60°(2.8mm@F1.6)<br>H124°/D140°/V69°(2.8mm@F2.0)<br>H91°/D106°/V50°(4mm)<br>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  |   |  |
| <b>Video</b>     | Max. Image Resolution                    | 1920x1080  | 2592x1944   | 3840x2160  |
|                  | Primary Stream                           | <b>60fps@(1920x1080)</b><br><b>(Optional for R Series),</b><br>30fps@(1920x1080, 1280x960,<br>1280x720, 704x576)   | <b>30fps@(2592x1944),</b><br><b>45fps@(2048x1536),</b><br><b>60fps@(1920x1080)</b><br><b>(Optional for H Series),</b><br>20fps@(2592x1944),<br>30fps@(2048x1536, 1920x1080,<br>1280x960, 1280x720, 704x576) | 15fps@(3840x2160),<br>30fps@(3072x2048, 2592x1944,<br>2592x1520, 2048x1536, 1920x1080,<br>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 |  |   |  |
| <b>Interface</b> | Ethernet                                 | 1*RJ45 10M/100M Ethernet Port  |   |  |
| <b>Network</b>   | 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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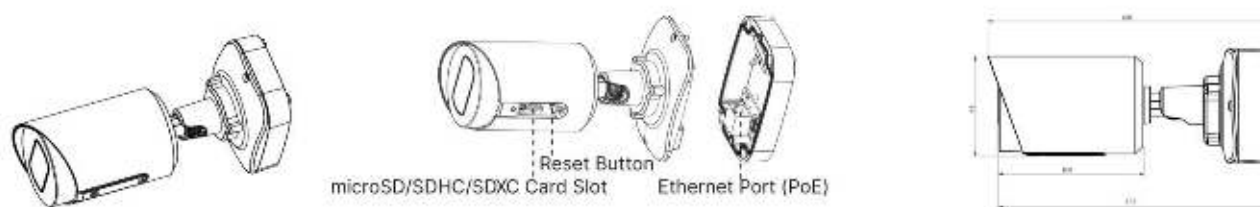
|                |                      |   |                                   |                               |
|----------------|----------------------|---|-----------------------------------|-------------------------------|
| <b>System</b>  | Storage              | Support microSD/SDHC/SDXC Card 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  |                                   |                               |
| <b>General</b> | Working Temperature  | -40°C~60°C  |                                   |                               |
|                | Working Humidity     | 0~90%(Non-condensing)   |                                   |                               |
|                | Power Supply         | PoE (802.3af)   |                                   |                               |
|                | Power Consumption    | 3W MAX<br>5W MAX (With IR on)   | 3.5W MAX<br>5.5W MAX (With IR on) | 5.2W<br>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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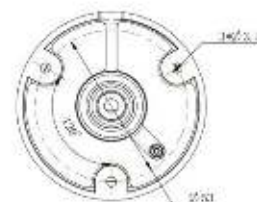
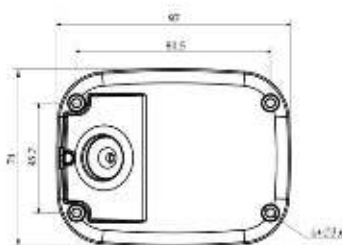
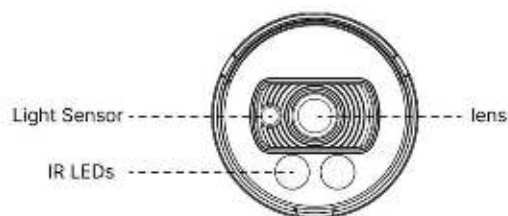


## Structure Diagrams

### 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



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