H.265+ Vandal-proof Mini Bullet Network Camera

**KEY FEATURES**

- **Smart Stream** (Bandwidth, storage and bit rate save with Smart Stream ON, e.g., 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.)

**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.

**0.002Lux 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.
<table>
<thead>
<tr>
<th></th>
<th>MS-C2964-PB (2MP)</th>
<th>MS-C5364-PB (5MP)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Model</strong></td>
<td>1/2.8” Progressive Scan CMOS</td>
<td></td>
</tr>
<tr>
<td><strong>Image Sensor</strong></td>
<td>Color: 0.002Lux@F1.2</td>
<td>Color: 0.005Lux@F1.2</td>
</tr>
<tr>
<td>Min. Illumination</td>
<td>B/W: 0Lux with IR on</td>
<td>B/W: 0Lux with IR on</td>
</tr>
<tr>
<td>WDR</td>
<td>140dB Super WDR</td>
<td>120dB Super WDR</td>
</tr>
<tr>
<td><strong>Lens</strong></td>
<td>2.8mm @F2.0 / 3.2mm @F2.2 / 3.6mm @F2.2 / 6mm @F1.6</td>
<td>2.8mm @F2.0 / 3.2mm @F2.2 / 3.6mm @F2.2 / 6mm @F1.6</td>
</tr>
<tr>
<td><strong>Mount</strong></td>
<td>M12</td>
<td></td>
</tr>
<tr>
<td><strong>Field of View</strong></td>
<td>H123°/D142°/V68°(2.8mm)</td>
<td>H113°/D144°/V84°(2.8mm)</td>
</tr>
<tr>
<td></td>
<td>H108°/D126°/V59°(3.2mm)</td>
<td>H98°/D124°/V73°(3.2mm)</td>
</tr>
<tr>
<td></td>
<td>H90°/D105°/V48°(3.6mm)</td>
<td>H82°/D105°/V60°(3.6mm)</td>
</tr>
<tr>
<td></td>
<td>H57°/D66°/V32°(6mm)</td>
<td>H52°/D65°/V39°(6mm)</td>
</tr>
<tr>
<td><strong>Shutter Time</strong></td>
<td>1/1000000s~1s</td>
<td></td>
</tr>
<tr>
<td>IR Distance</td>
<td>Up to 30m</td>
<td></td>
</tr>
<tr>
<td>Day&amp;Night</td>
<td>ICR Filter Auto Switch</td>
<td></td>
</tr>
<tr>
<td>S/N</td>
<td>&gt;55dB</td>
<td></td>
</tr>
<tr>
<td><strong>Max. Image Resolution</strong></td>
<td>1920x1080</td>
<td>2592x1944</td>
</tr>
<tr>
<td><strong>Primary Stream</strong></td>
<td>30fps@ (1920x1080, 1280x960, 1280x720, 704x576)</td>
<td>20fps@ (2592x1944), 30fps@ (2048x1536, 1920x1080, 1280x960, 1280x720, 704x576)</td>
</tr>
<tr>
<td><strong>Secondary Stream</strong></td>
<td>30fps (704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x180)</td>
<td>30fps (1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240, 320x192, 320x180)</td>
</tr>
<tr>
<td><strong>Tertiary Stream</strong></td>
<td>30fps@ (1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240, 320x192, 320x180)</td>
<td>30fps@ (2048x1536, 1920x1080, 1280x960, 1280x720, 704x576)</td>
</tr>
<tr>
<td><strong>Video Compression</strong></td>
<td>H.265 / H.264 / HEVC</td>
<td>H.264 / MJPEG / H.265 / HEVC</td>
</tr>
<tr>
<td><strong>Video Bit Rate</strong></td>
<td>16Kbps~16Mbps (CBR / VBR Adjustable)</td>
<td>16Kbps~16Mbps (CBR / VBR Adjustable)</td>
</tr>
<tr>
<td><strong>Image Setting</strong></td>
<td>Brightness / Contrast / Saturation / Sharpness</td>
<td>Brightness / Contrast / Saturation / Sharpness</td>
</tr>
<tr>
<td><strong>Ethernet</strong></td>
<td>1*RJ45 10M/100M Ethernet Port</td>
<td></td>
</tr>
<tr>
<td><strong>Network Storage</strong></td>
<td>NAS (Support NFS, SMB/CIFS)</td>
<td></td>
</tr>
<tr>
<td>**IPv4/IPv6, ARP, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL</td>
<td>IPv4/IPv6, ARP, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL</td>
<td></td>
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<tr>
<td><strong>System Compatibility</strong></td>
<td>Support microSD/SDHC/SDXC Card Local Storage, up to 256G</td>
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<tr>
<td>Advanced Function</td>
<td>Privacy Masking, BLC, HLC, 2D DNR, 3D DNR, ROI, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur</td>
<td>Privacy Masking, BLC, HLC, 2D DNR, 3D DNR, ROI, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur</td>
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<tr>
<td>SIP/VoIP Support</td>
<td>Yes, Voice &amp; Video-over-IP</td>
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<tr>
<td><strong>Event Trigger</strong></td>
<td>Motion Detection, Network Disconnection, etc.</td>
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</tr>
<tr>
<td><strong>Event Action</strong></td>
<td>FTP Upload, SMTP Upload, SD Card Record, SIP Phone, HTTP Notification, etc.</td>
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</tr>
<tr>
<td><strong>Video Analysis</strong></td>
<td>Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Human Detection, People Counting, Object Left, Object Removed</td>
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<tr>
<td><strong>Weather Proof</strong></td>
<td>Up to IP67-rated for Weather-resistant Performance</td>
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<tr>
<td><strong>Housing</strong></td>
<td>Vandal-proof IK10-rated Metal Housing</td>
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<tr>
<td><strong>Weight</strong></td>
<td>610g (Junction Box Version) / 450g (Cable Out Version)</td>
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</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>97mmX74mmX180mm (Junction Box Version) / Ø64mmX160mm (Cable Out Version)</td>
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</tr>
<tr>
<td><strong>Warranty</strong></td>
<td>3/5 Years</td>
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</table>

V7.18
H.265+ Vandal-proof Mini Bullet Network Camera

Structure Diagrams

Junction Box Version

Cable Out Version

Light Sensor
IR LEDs
lens

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