

LPR H.265⁺ Motorized Pro Bullet Network Camera



IP67 + IK10

Motorized Lens

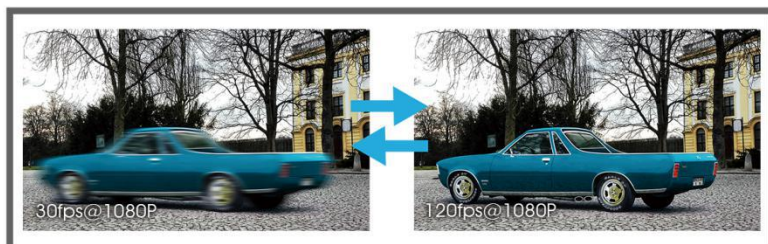
DATASHEET

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.)
- ▶ **Smart IR II** (Combining the High Beam and Low Beam to adjust IR intensity to fit different lighting conditions.)
- ▶ **HLC** (High Light Compensation. Improving image visibility under strong light sources.)
- ▶ **P-Iris** (Giving you a more clear scene with depth of view.)
- ▶ **Defog** (Defog technology. Restoring clear images in hazy and foggy weather.)
- ▶ **Integrated Cable Management** (Combining the power interface, PoE port, and other interfaces in the base neatly.)
- ▶ **256G** (Supporting ultra-large external microSD/SDHC/SDXC card storage up to 256G.)

License Plate Recognition

Embedded in camera with no PC server required, the LPR allows network cameras to capture real-time license plate in both the highest levels of glare and the darkest hours of the night.



120fps

With the industry leading frame rate reaching 120fps, the cameras can easily catch images with no latency despite of the high-speed movement, which is the best choice for the demanding requirements especially for intelligent cameras.

3 in 1 Super WDR Pro - 140dB

Milesight upgraded 3 in 1 Super WDR Pro outputs three frames each line, which is able to bring more details especially moving subjects. What's more, it greatly improves image quality for reducing smear and noisy points. The ratio that the brightest light signal values divided by the darkest light signal values is up to 140dB.



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.

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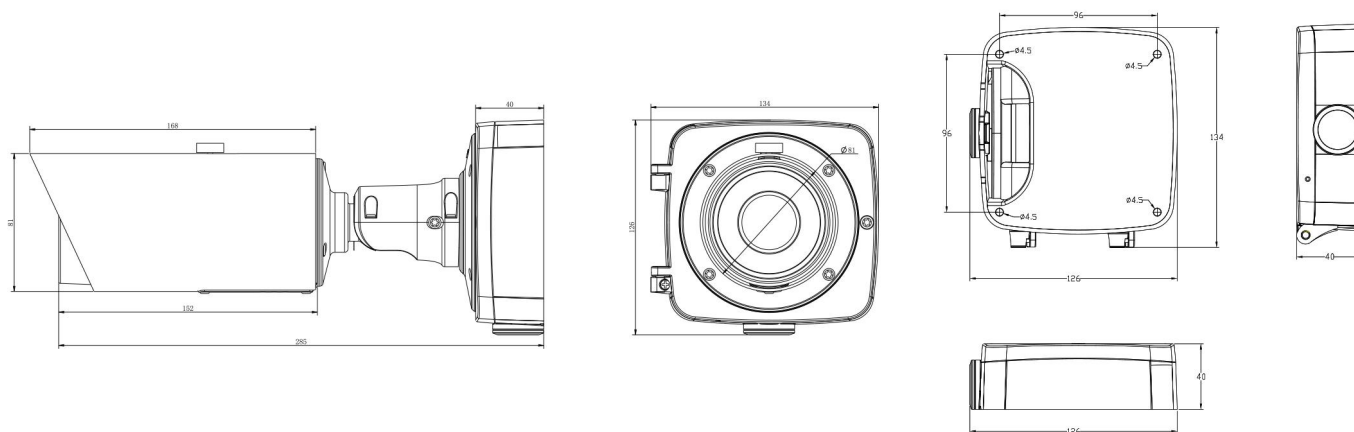
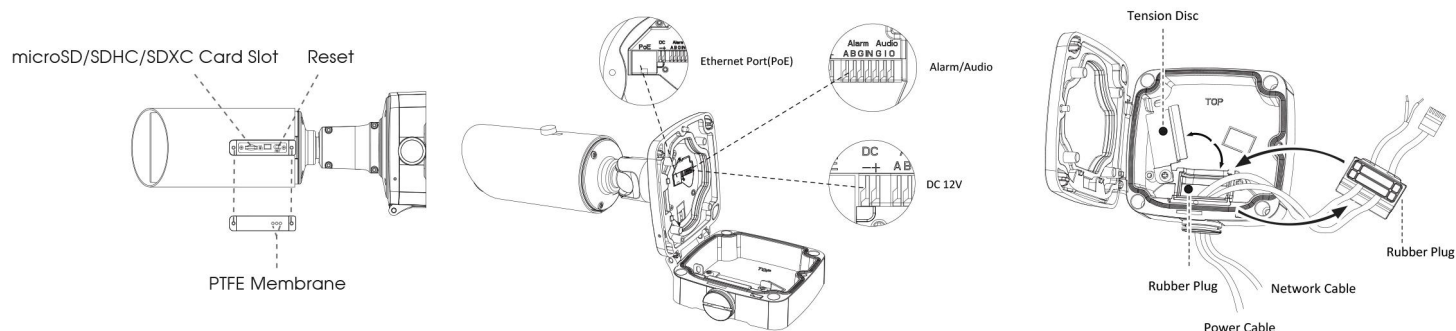


| | Model | MS-C2862-RF(I)LPB (2MP) | MS-C2962-(Q)(R)F(I)LPB (2MP) |
|---------|---|--|--|
| Camera | Image Sensor | 1/2" Progressive Scan CMOS | 1/2.8" Progressive Scan CMOS |
| | Min. Illumination | Color: 0.001Lux@F1.2 B/W: 0Lux with IR on | Color: 0.002Lux@F1.2 B/W: 0Lux with IR on |
| | WDR | 120dB Super WDR | 140dB Super WDR (Super WDR Pro is optional for Q Series) |
| | Shutter Time | 1/100000s~1s | |
| | IR Distance | Up to 60m | Up to 60m(3.0~10.5mm/2.7~13.5mm) Up to 100m(7~22mm) |
| | Day&Night | ICR Filter Auto Switch | |
| | S/N | >55dB | |
| | Max. Vehicle Speed | 120km/h | |
| Lens | Lens | Motorized 3.6~10mm @F1.4 P-Iris(Optional) | Motorized 3.0~10.5mm/2.7~13.5mm/7~22mm @F1.4 P-Iris(Optional) |
| | Field of View | H96°~H42°/D111°~D48°/V55°~V23° | H93°~H33°/D107°~D38°/V52°~V18° (3.0~10.5m) H92°~H32°/D107°~D37°/V51°~V18° (2.7~13.5mm) H40°~H16°/D46°~D19°/V23°~V9° (7~22mm) |
| | Mount | Φ14 | |
| | Focus Control | Auto/Manual | |
| | Iris Control (Optional for I Series) | Auto/Manual | |
| | | | |
| Video | Max. Image Resolution | 1920x1080 | |
| | Primary Stream | 60fps@(1920x1080, 1280x960, 1280x720, 704x576) | 120fps@(1920x1080)(Optional for Q Series), 60fps@(1920x1080, 1280x960, 1280x720, 704x576) |
| | Secondary Stream | 60fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x176) | |
| | Tertiary Stream | 30fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240, 320x192, 320x176) | |
| | 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, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL, ARP | |
| Audio | Audio Compression | G.711/AAC | |
| | Audio I/O | 1/1 | |
| System | Alarm I/O | 1/1 | |
| | 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 | |
| | SIP/VoIP Support | Yes, Voice & Video-over-IP | |
| | Event Trigger | Black/White List, Motion Detection, Network Disconnection, External Input, Audio Alarm, etc. | |
| | Event Action | FTP Upload, SMTP Upload, SD Card Record, External Output, SIP Phone, HTTP Notification, etc. | |
| | License Plate Recognition | Support | |
| General | System Compatibility | ONVIF Profile S & G & T | |
| | Working Temperature | -40℃~60℃ | |
| | Working Humidity | 0~90%(Non-condensing) | |
| | Power Supply | PoE (802.3af)/ DC 12V±10% | |
| | Power Consumption | 6W MAX 10W MAX (With IR on) | 6W MAX 10.5W MAX (With IR on) |
| | Weather Proof | Up to IP67-rated for Weather-resistant Performance | |
| | Housing | Vandal-proof IK10-rated Metal Housing (Optional) | |
| | Weight | 1080g | |
| | Dimensions | 134mmX126mmX285mm | |
| | Warranty | 3/5 Years | V7.18 |

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Structure Diagrams



Units: mm

Accessories Support

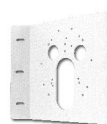
A01 Pole Mount

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



A62 Junction Box

Weight: 510g
Dimensions: 134*127*40mm



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