Milesight

NDAA

# AI Motorized Bullet Network Camera



IP67

IK10

DATASHEET

## KEY FEATURES

- NDAA Compliance (The fully NDAA-compliant products are well suited for government, defense and a range of projects subject to the NDAA.)
- 0.005Lux Low Light (Deliver high detailed color images even in low light environment reaching 0.005Lux.)
- Advanced Functions (Boasting to support various advanced functions such as HLC, Defog, ROI.)
- Built-in Microphone (Supporting audio function to hear what is happening in front of the camera.)
- SIP (Session Initiation Protocol. Providing audio/alarm/intercom and video streaming for mobile phones and video phones.)
- 3-Axis Mechanical Design (Featuring 3-axis mechanical design for fast and easy adjustment of the camera's viewing angle.)
- 1TB (Supporting ultra-large external microSD/SDHC/SDXC card storage up to 1TB.)
- Smart Stream (Bandwidth, storage and bit rate save with Smart Stream ON, eg, H.265+ saves 70%~80% bandwidth of H.264.)

## AI Video Analytics

The AI Camera Series can intelligently filter objects to focus on human and vehicle detection in multiple events such as Region Entrance, Region Exiting, Loitering, Advanced Motion Detection, etc.




## 0.005Lux Ultra Low-light

The camera is able to deliver high detailed color images even in low light environment reaching 0.005Lux(Color) or 0Lux(B/W), and near infrared light environments without any supplementary lighting.



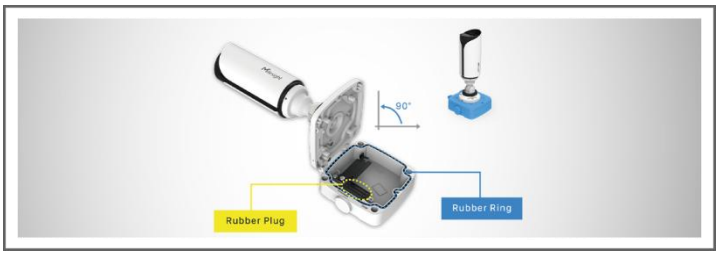

## 120dB Super WDR

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 120dB.




## Integrated Junction Box

The well-designed integrated Junction Box especially the Clamshell structure ensures efficient and simple installation. It enlarges the space to make cable connection neat and as easy as a piece of cake.



# AI Motorized Bullet Network Camera



| | Model | MS-C2964-FPD<br>(2MP) |
|---|---|---|
| **Camera** | Image Sensor | 1/2.8" Progressive Scan CMOS |
| | Min. Illumination | Color: 0.005Lux@F1.4<br>B/W: 0Lux with IR on |
| | WDR | 120dB Super WDR |
| | Shutter Time | 1/100000s~1s |
| | IR Distance | Up to 50m |
| | Day/Night Mode | Day/Night/Auto/Customize/Schedule |
| | S/N | >55dB |
| **Lens** | Lens | Motorized 2.7~13.5mm/7~22mm@F1.4 |
| | Field of View | H111°~H34°/D130°~D39°/V60°~V19°(2.7~13.5mm)<br>H42°~H17°/D48°~D19°/V24°~V9°(7~22mm) |
| | Mount | Φ14 |
| | Focus Control | Auto/Manual |
| **Video** | Max. Image Resolution | 1920x1080 |
| | Primary Stream | 60Hz: 30fps@(1920x1080, 1280x960, 1280x720, 704x576)<br>50Hz: 25fps@(1920x1080, 1280x960, 1280x720, 704x576) |
| | Secondary Stream | 60Hz: 30fps@(704x576, 640x480, 640x360, 352x288)<br>50Hz: 25fps@(704x576, 640x480, 640x360, 352x288) |
| | Tertiary Stream | 60Hz: 30fps@(1280x720, 704x576, 640x480, 640x360, 352x288)<br>50Hz: 25fps@(1280x720, 704x576, 640x480, 640x360, 352x288) |
| | Video Compression | H.265+/H.265(HEVC)/H.264+/H.264/MJPEG |
| | Video Bit Rate | 16Kbps~16Mbps(CBR/VBR Adjustable) |
| **Image** | Privacy Masking | Up to 4 Areas |
| | ROI | Up to 8 Areas |
| | Image Setting | Brightness/Contrast/Saturation/Sharpness |
| | Image Enhancement | BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur |
| **Interface** | Ethernet | 1*RJ45 10M/100M Ethernet Port |
| | Audio I/O | 1/1 (Optional, Only for Multi-interface Version) |
| | Alarm I/O | 1/1 (Optional, Only for Multi-interface Version) |

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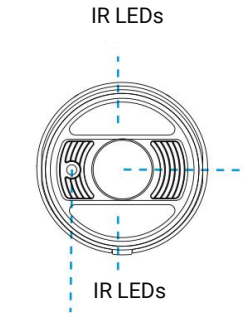


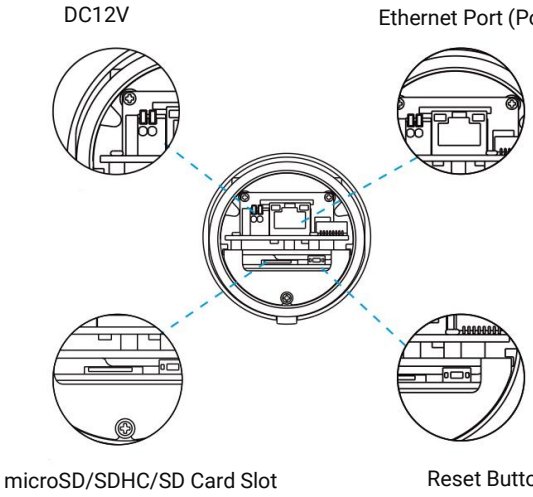
| | | |
|---|---|---|
| **Network** | Network Storage | NAS(Support NFS, SMB/CIFS), ANR |
| | Protocol | IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL, TLS 1.2 |
| **Intelligent Analytics** | Video Analysis | Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed |
| | People Counting & Report | Count the number of people entering or exiting |
| **Basic Event** | Basic Event | Motion Detection, **External Input & External Output & Audio Alarm (Optional, Only for Multi-interface Version),** etc. |
| | Exception | Network Disconnection, IP Address Filtering, Record Failed, SD Card Full, SD Card Uninitialized, SD Card Error, No SD Card |
| | Event Action | FTP Upload Record, SMTP Upload Record, SD Card Record, Snapshot, SIP Phone, HTTP Notification, **External Output, Play Audio** (**Optional, Only for Multi-interface Version**), etc. |
| **System** | Storage | Support microSD/SDHC/SDXC Card Local Storage, up to 1TB |
| | SIP/VoIP Support | Yes, Voice & Video-over-IP |
| | System Compatibility | ONVIF Profile G & S & T, API |
| **General** | Working Temperature | -40℃~60℃ |
| | Working Humidity | 0~90%(Non-condensing) |
| | Power Supply | PoE (802.3af) / DC 12V±10% |
| | Power Consumption | 3W MAX<br>7W MAX (With IR on) |
| | Housing | Up to IP67-rated for Weather-resistant Performance / Vandal-proof IK10-rated Metal Housing |
| | Weight | Approx. 825g |
| | Dimensions | Φ76mmX239.5mm |
| | Warranty | 3 Years / 5 Years (Optional) |

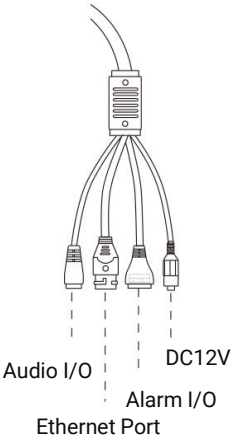
# AI Motorized Bullet Network Camera



## Structure Diagrams

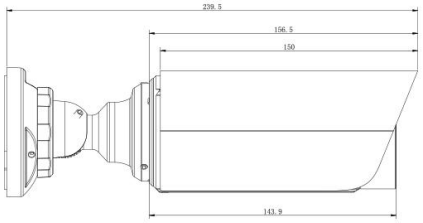


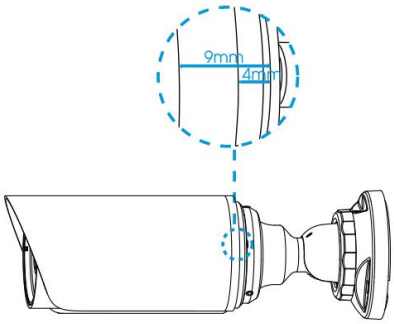



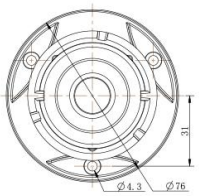




(Multi-interface Version)

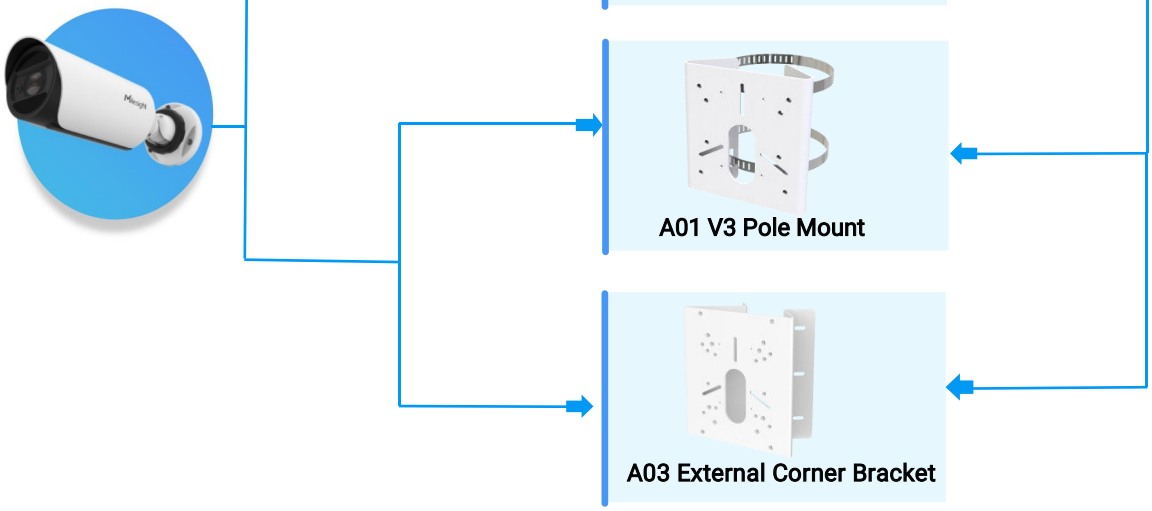
Units: mm





## Accessories Support




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