

# 2/4/5 Megapixel H.265 Mini PTZ Bullet Network Camera



IP66

AF Lens

MS-C2961-EB/MS-C4461-EB/  
MS-C5361-EB

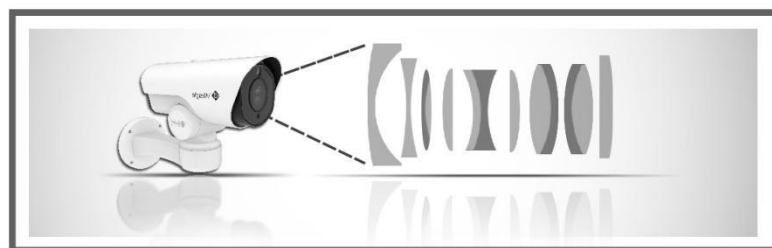
DATASHEET

## KEY FEATURES

- ▶ **H.265** (50% reduction in bandwidth, storage and bit rate compared with H.264.)
- ▶ **140dB Super WDR** (Excellent performance even when the ratio of the luminosity of brightest and darkest is up to 140dB.)
- ▶ **Smart PTZ Motion Detection** (Pan and tilt to the position of motion detected area automatically and zoom in synchronously.)
- ▶ **255 Preset Points** (The user can easily control the lens position via mouse to monitor interested area and set up to 255 preset positions for patrolling.)

### 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.

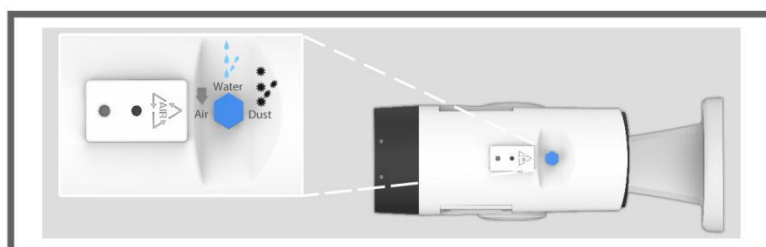


### 12x AF Lens

The 12x AF lens can zoom up to distant subjects while still maintaining the clarity, delivering high quality video over the entire zoom range.

### Waterproof Breathable Screw-in Vent

High waterproof and air permeable performance to reduce fogging, condensation, eliminate moisture, and improve the life of the product.



### IR LEDs & White LED

Enable 60 meters distinct images at night with IR LEDs as well as express alarm and deliver colorful surveillance with the White LED.

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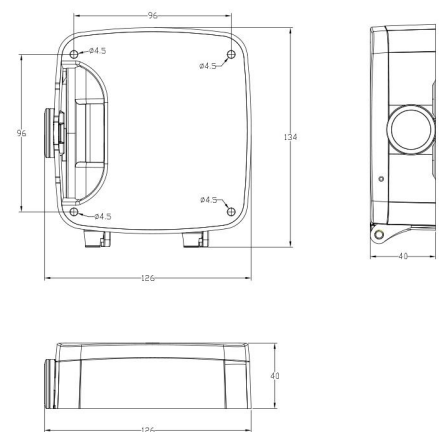
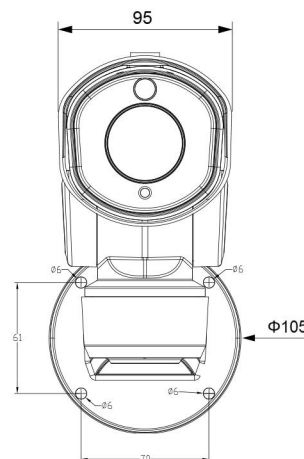
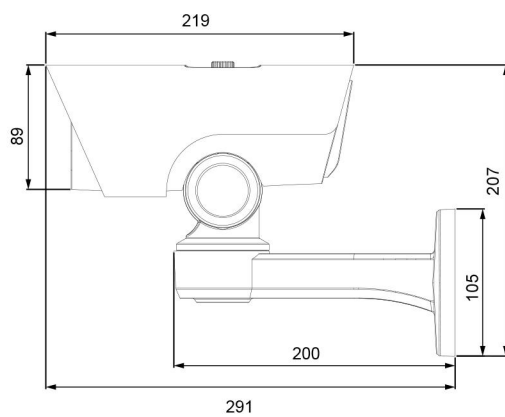
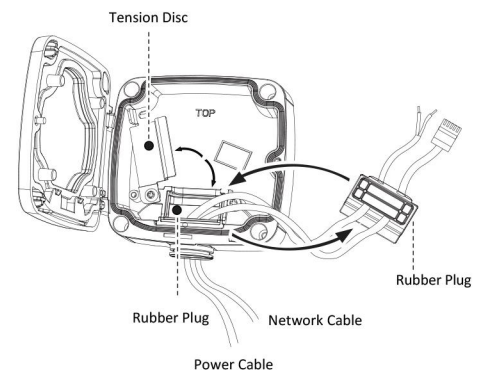
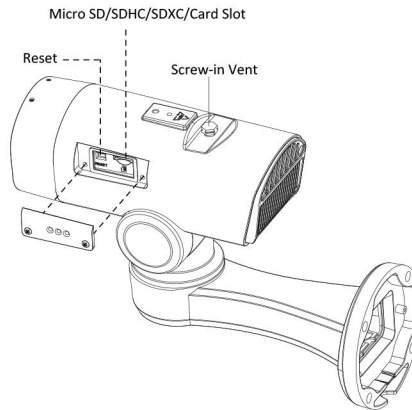
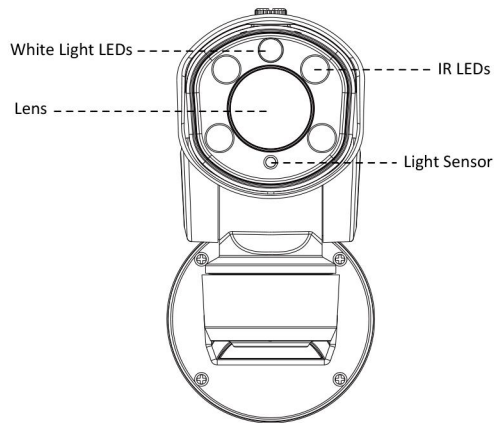


|                          | Model                 | MS-C2961-EB(2MP)                                                                                                 | MS-C4461-EB(4MP)                                                                | MS-C5361-EB(5MP)                                                                           |
|--------------------------|-----------------------|------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Camera                   | Image Sensor          | 1/2.8" Progressive Scan CMOS                                                                                     | 1/3" Progressive Scan CMOS                                                      | 1/2.9" Progressive Scan CMOS                                                               |
|                          | Min. Illumination     | Color: 0.002Lux@F1.2<br>B/W: 0Lux with IR on                                                                     | Color: 0.008Lux@F1.2<br>B/W: 0Lux with IR on                                    | Color: 0.006Lux@F1.2<br>B/W: 0Lux with IR on                                               |
|                          | WDR                   | Super WDR up to 140dB                                                                                            | Super WDR up to 120dB                                                           |                                                                                            |
|                          | Shutter Time          | 1/100000s~1/5s                                                                                                   |                                                                                 |                                                                                            |
|                          | IR Distance           | Up to 60m                                                                                                        |                                                                                 |                                                                                            |
|                          | Day&Night             | ICR Filter Auto Switch                                                                                           |                                                                                 |                                                                                            |
|                          | Lens                  | Focal Length                                                                                                     | 5.3~64mm, 12x AF Lens                                                           |                                                                                            |
| Zoom Speed               |                       | 3.1s                                                                                                             |                                                                                 |                                                                                            |
| Field of View            |                       | 59.4°~5.1°(Wide-Tele)                                                                                            |                                                                                 | 44.7°~4.2°(Wide-Tele)                                                                      |
| Minimum Working Distance |                       | 1000~1500mm (Wide-Tele)                                                                                          |                                                                                 |                                                                                            |
| Aperture                 |                       | F1.6~F2.8                                                                                                        |                                                                                 |                                                                                            |
| PTZ                      | Pan Range             | 360°endless                                                                                                      |                                                                                 |                                                                                            |
|                          | Pan Speed             | Pan Manual Speed: 0.2°~60°/s, Pan Preset Speed 100°/s                                                            |                                                                                 |                                                                                            |
|                          | Tilt Range            | -45°~30°                                                                                                         |                                                                                 |                                                                                            |
|                          | Tilt Speed            | Tilt Manual Speed: 0.2°~30°/s, Tilt Preset Speed 60°/s                                                           |                                                                                 |                                                                                            |
|                          | Proportional Zoom     | Support                                                                                                          |                                                                                 |                                                                                            |
|                          | Preset Quantity       | 255                                                                                                              |                                                                                 |                                                                                            |
|                          | Patrol                | 8 Patrols, up to 48 presets each patrol                                                                          |                                                                                 |                                                                                            |
|                          | Pattern               | 4 Patterns                                                                                                       |                                                                                 |                                                                                            |
|                          | Power Loss Recovery   | Support                                                                                                          |                                                                                 |                                                                                            |
|                          | PTZ Position Display  | ON/OFF                                                                                                           |                                                                                 |                                                                                            |
|                          | 3D Positioning        | Support                                                                                                          |                                                                                 |                                                                                            |
| Video                    | Max. Image Resolution | 1920×1080                                                                                                        | 2592×1520                                                                       | 2560×1920                                                                                  |
|                          | Primary Stream        | 30fps@(1920×1080, 1280×960, 1280×720, 704x576)                                                                   | 20fps@(2592×1520),<br>30fps@(2304x1296, 1920×1080, 1280×960, 1280×720, 704x576) | 20fps@(2560×1920, 2592×1520),<br>30fps@(2304x1296, 1920×1080, 1280×960, 1280×720, 704x576) |
|                          | Secondary Stream      | 30fps@(704x576, 640×480, 640×360, 352x288, 320x240, 320x192, 320x176 )                                           |                                                                                 |                                                                                            |
|                          | Tertiary Stream       | 30fps@(1920×1080, 1280×720, 704×576, 640×480, 640×360, 320×240, 320x192, 320x176 )                               |                                                                                 |                                                                                            |
|                          | Video Compression     | H.265(HEVC)/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 |                                                                                 |                                                                                            |
| Audio                    | Audio Compression     | G.711/AAC                                                                                                        |                                                                                 |                                                                                            |
|                          | Audio I/O             | 1/1                                                                                                              |                                                                                 |                                                                                            |
| System                   | Alarm I/O             | 1/1                                                                                                              |                                                                                 |                                                                                            |
|                          | Storage               | Support microSD/SDHC/SDXC Local Storage, up to 128G                                                              |                                                                                 |                                                                                            |
|                          | Advanced Function     | Motion Detection, Privacy Masking, Backlight Compensation, HLC, 3D-DNR, ROI, Anti-fog                            |                                                                                 |                                                                                            |
|                          | SIP/VoIP Support      | Yes, Voice & Video-over-IP                                                                                       |                                                                                 |                                                                                            |
|                          | Event Trigger         | Motion Detection, Network Disconnection, Audio Alarm, External Input, etc.                                       |                                                                                 |                                                                                            |
|                          | Event Action          | FTP Upload/ SMTP Upload/ SD Card Record/ External Output/ SIP Phone                                              |                                                                                 |                                                                                            |
|                          | System Compatibility  | ONVIF Profile S                                                                                                  |                                                                                 |                                                                                            |
| General                  | Working Temperature   | -30℃~60℃                                                                                                         |                                                                                 |                                                                                            |
|                          | Working Humidity      | 0~90%(Non-condensing)                                                                                            |                                                                                 |                                                                                            |
|                          | Power Supply          | DC 12V, 2A                                                                                                       |                                                                                 |                                                                                            |
|                          | Power Consumption     | 11.5W MAX<br>15.5W MAX (With IR on)                                                                              |                                                                                 |                                                                                            |
|                          | Weather Proof         | Up to IP66-rated for Weather-resistant Performance                                                               |                                                                                 |                                                                                            |
|                          | Weight                | 2Kg                                                                                                              |                                                                                 |                                                                                            |
|                          | Dimensions            | 291mm×207mm×95mm                                                                                                 |                                                                                 |                                                                                            |
|                          | Warranty              | 2 Years                                                                                                          |                                                                                 |                                                                                            |

# H.265 Mini PTZ Bullet Network Camera



## Structure Diagrams



Units: mm

## Accessories Support

A62 Junction box  
Weight: 510g  
Dimensions: 134\*127\*40mm



## Naming Convention

MS-C 2 9 61- EB

2 - 2MP (4 - 4MP / 5 - 5MP)    Sensor    Mini PTZ Bullet    AF lens+H.265

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