

# MX-DB2F

2 MP IR Fixed Bullet Network Camera



## Key Features

- ◆ 1/2.8" Progressive Scan CMOS
- ◆ 1920 × 1080@30fps
- ◆ 2.8/4/6/8 mm Fixed Lens
- ◆ Color: 0.01 Lux @ (F1.2, AGC ON), 0.028 Lux @ (F2.0, AGC ON), 0 Lux With IR
- ◆ H.265+, H.265, H.264+, H.264
- ◆ Three Streams
- ◆ 120dB WDR
- ◆ 2 Behaviour Analysis, Face Detection
- ◆ BLC/3D DNR/ROI/HLC
- ◆ IP67
- ◆ Built-in Micro SD/SDHC/SDXC Card Slot, up to 128 GB
- ◆ 3-Axis Adjustment

## MX-DB2F Specifications

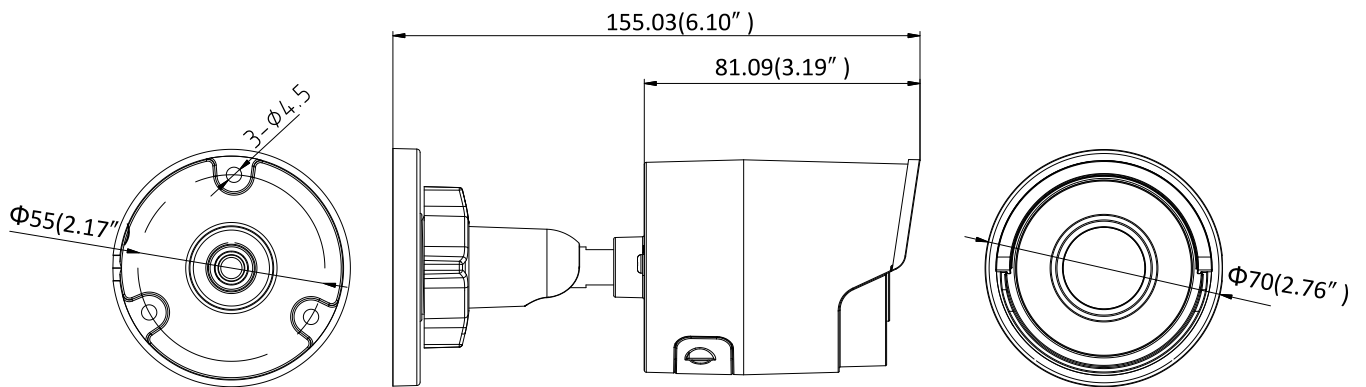
|                      |                         |                                                                                                                                                                                                                                                                               |
|----------------------|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAMERA               | Image Sensor            | 1/2.8" Progressive Scan CMOS                                                                                                                                                                                                                                                  |
|                      | Min. Illumination       | Color: 0.01 Lux @ (F1.2, AGC ON), 0.028 Lux @ (F2.0, AGC ON), 0 Lux With IR                                                                                                                                                                                                   |
|                      | Shutter Speed           | 1/3 s to 1/100,000 s                                                                                                                                                                                                                                                          |
|                      | Slow Shutter            | Yes                                                                                                                                                                                                                                                                           |
|                      | Auto-IRIS               | No                                                                                                                                                                                                                                                                            |
|                      | Day & Night             | IR Cut Filter                                                                                                                                                                                                                                                                 |
|                      | Digital Noise Reduction | 3D DNR                                                                                                                                                                                                                                                                        |
|                      | WDR                     | 120dB                                                                                                                                                                                                                                                                         |
|                      | 3-Axis Adjustment       | Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°                                                                                                                                                                                                                          |
| LENS                 | Focal Length            | 2.8/4/6/8 mm                                                                                                                                                                                                                                                                  |
|                      | Aperture                | F2.0                                                                                                                                                                                                                                                                          |
|                      | Focus                   | Fixed                                                                                                                                                                                                                                                                         |
|                      | FOV                     | 2.8 mm, Horizontal FOV: 103°, Vertical FOV: 59°, Diagonal FOV: 118°<br>4 mm, Horizontal FOV: 86°, Vertical FOV: 46°, Diagonal FOV: 102°<br>6 mm, Horizontal FOV: 54°, Vertical FOV: 30°, Diagonal FOV: 62°<br>8 mm, Horizontal FOV: 43°, Vertical FOV: 23°, Diagonal FOV: 50° |
|                      | Lens Mount              | M12                                                                                                                                                                                                                                                                           |
|                      |                         |                                                                                                                                                                                                                                                                               |
| IR                   | IR Range                | Up to 30 m                                                                                                                                                                                                                                                                    |
|                      | Wavelength              | 850nm                                                                                                                                                                                                                                                                         |
| COMPRESSION STANDARD | Video Compression       | Main Stream: H.265/H.264<br>Sub-Stream: H.265/H.264/MJPEG<br>Third Stream: H.265/H.264                                                                                                                                                                                        |
|                      | H.264 Type              | Main Profile/High Profile                                                                                                                                                                                                                                                     |
|                      | H.264+                  | Main Stream Supports                                                                                                                                                                                                                                                          |
|                      | H.265 Type              | Main Profile                                                                                                                                                                                                                                                                  |
|                      | H.265+                  | Main Stream Supports                                                                                                                                                                                                                                                          |
|                      | Video Bit Rate          | 256 Kbps to 16 Mbps                                                                                                                                                                                                                                                           |
| SMART FEATURE-SET    | Behaviour Analysis      | Line Crossing Detection, Intrusion Detection                                                                                                                                                                                                                                  |
|                      | Face Detection          | Yes                                                                                                                                                                                                                                                                           |
|                      | Region of Interest      | 1 Fixed Region for Main Stream and Sub-Stream                                                                                                                                                                                                                                 |
| IMAGE                | Max. Resolution         | 1920 × 1080                                                                                                                                                                                                                                                                   |
|                      | Main Stream             | 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720)<br>60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)                                                                                                                                                                        |
|                      | Sub-Stream              | 50Hz: 25fps (640 × 480, 640 × 360, 320 × 240)<br>60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)                                                                                                                                                                                |
|                      | Third Stream            | 50Hz: 25fps (1920 × 1080, 1280 × 720, 640 × 360, 352 × 288)<br>60Hz: 30fps (1920 × 1080, 1280 × 720, 640 × 360, 352 × 240)                                                                                                                                                    |
|                      | Image Enhancement       | BLC/3D DNR/HLC                                                                                                                                                                                                                                                                |
|                      | Image Setting           | Rotate Mode, Saturation, Brightness, Contrast, Sharpness Adjustable by Client Software or Web Browser                                                                                                                                                                         |
|                      | Target Cropping         | No                                                                                                                                                                                                                                                                            |
|                      | Day/Night Switch        | Day/Night/Auto/Schedule                                                                                                                                                                                                                                                       |

## MX-DB2F Specifications

|           |                         |                                                                                                                                   |
|-----------|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| NETWORK   | Network Storage         | Support Micro SD/SDHC/SDXC Card (128G), Local Storage and NAS (NFS,SMB/CIFS), ANR                                                 |
|           | Alarm Trigger           | Motion Detection, Video Tampering, Network Disconnected, IP Address Conflict, Illegal Login, HDD full, HDD Error                  |
|           | Protocols               | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP™, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour |
|           | General Function        | One-key Reset, Anti-Flicker, Three Streams, Heartbeat, Mirror, Password Protection, Privacy Mask, Watermark, IP Address Filter    |
|           | Firmware Version        | V5.5.52                                                                                                                           |
|           | API                     | ONVIF (PROFILE S, PROFILE G), ISAPI                                                                                               |
|           | Simultaneous Live View  | Up to 6 Channels                                                                                                                  |
|           | User/Host               | Up to 32 Users<br>3 levels: Administrator, Operator and User                                                                      |
|           | Web Browser             | IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+                                                                                |
| INTERFACE | Communication Interface | 1 RJ45 10M/100M Self-Adaptive Ethernet Port                                                                                       |
|           | Video Output            | No                                                                                                                                |
|           | On-board Storage        | Built-in Micro SD/SDHC/SDXC Slot, up to 128 GB                                                                                    |
|           | SVC                     | H.264 and H.265 Encoding                                                                                                          |
|           | Reset Button            | Yes                                                                                                                               |
| GENERAL   | Operating Conditions    | -30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or Less (Non-Condensing)                                                       |
|           | Power Supply            | 12 VDC ± 25%, ϕ 5.5 mm Coaxial Power Plug<br>PoE (802.3af, Class 3)                                                               |
|           | Power Consumption       | 12 VDC, 0.5A, max. 6W                                                                                                             |
|           | Current                 | PoE (802.3af, 37V to 57V), 0.2A to 0.1A, max. 7.5W                                                                                |
|           | Protection Level        | IP67TVS 2000V Lightning Protection, Surge Protection and Voltage Resistance Protection                                            |
|           | Material                | Metal                                                                                                                             |
|           | Dimensions              | Camera: ϕ 70 × 155.03 mm (ϕ 2.8" × 6.1")<br>Package: 216 × 121 × 118 mm (8.5" × 4.8" × 4.7")                                      |
|           | Weight                  | Camera: Approx. 420 g (0.9 lb.)<br>With Package: Approx. 700 g (1.5 lb.)                                                          |

# SERIES CCTV CAMERA

## Dimension



## Accessory



Junction Box