

## 5MP HD Outdoor Bullet Wi-Fi Camera

### Uho-B2D-M5F3(4)D



## Features

- High quality image with 5MP, 1/3"CMOS sensor
- 5MP (2880\*1620)@25/20fps; 4MP (2560\*1440)@25/20fps; 3MP (2304\*1296)@30/25fps; 2MP (1920\*1080)@30/25fps; 720P (1280\*720)@30/25fps
- Ultra 265, H.265, H.264, MJPEG
- Built-in Mic
- Built-in Speaker
- Smart IR, up to 20m (66ft) IR distance
- Warm Light, up to 10m (33ft) warm light distance
- Support Dual Light mode, switch between IR and warm lights when the preset is triggered.
- Support 512 G Micro SD card
- Wi-Fi connection and easy installation
- IP67 protection
- 3-Axis

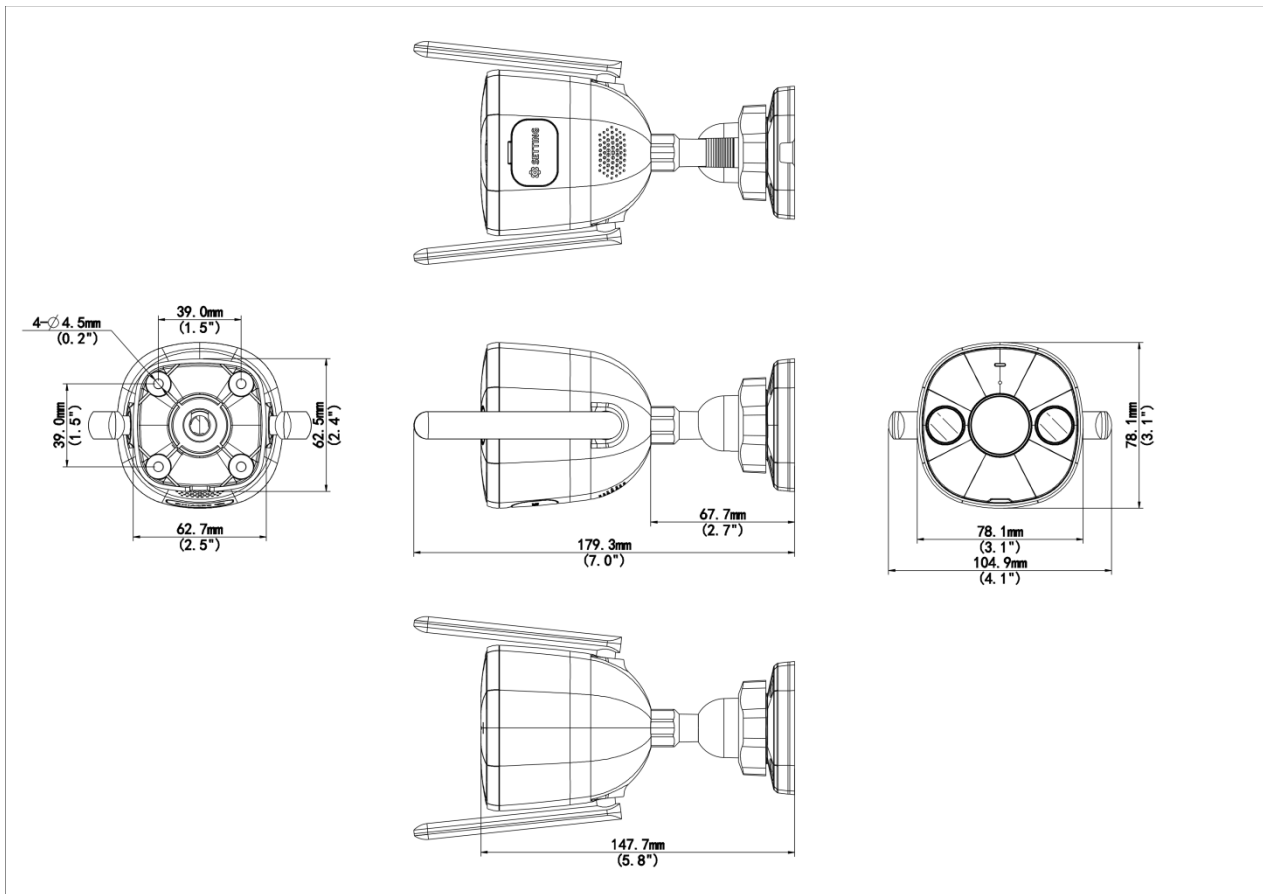
## Specifications

| Model                              | Uho-B2D-M5F3D  | Uho-B2D-M5F4D |
|------------------------------------|--|---------------|
| <b>Camera</b>                      |  |               |
| Max Resolution                     | 5 MP   |               |
| Sensor                             | 1/3.0" CMOS  |               |
| Min. Illumination                  | Colour: 0.003 lux (F1.6 AGC ON)<br>0 lux with IR on  |               |
| Day/Night                          | IR-cut filter with auto switch (ICR)   |               |
| Shutter                            | Auto/Manual, 1 ~ 1/100000s   |               |
| Adjustment Angle                   | Pan: 0° ~ 360°, Tilt: 0° ~ 90°, Rotate: 0° ~ 360°  |               |
| S/N                                | >52 dB   |               |
| WDR                                | DWDR   |               |
| <b>Lens</b>                        |  |               |
| Focal Length                       | 2.8 mm   | 4.0 mm        |
| Iris Type                          | Fixed  |               |
| Iris                               | F1.6   |               |
| Field of View (H)                  | 97.0°  | 79.0°         |
| Field of View (V)                  | 52.6°  | 42.3°         |
| Field of View (D)                  | 107.5°   | 85.1°         |
| <b>DORI</b>                        |  |               |
| DORI Distance (Lens)               | 2.8mm  | 4.0mm         |
| DORI Distance (Detect)             | 63.0   | 90.0          |
| DORI Distance (Observe)            | 25.2   | 36.0          |
| DORI Distance (Recognize)          | 12.6   | 18.0          |
| DORI Distance (Identify)           | 6.3  | 9.0           |
| <b>Illuminator</b>                 |  |               |
| Supplemental Light                 | Dual light   |               |
| Illumination Distance (IR)         | 20 m (65.6 ft.)  |               |
| Illumination Distance (Warm Light) | 10 m (32.8 ft.)  |               |
| Wavelength                         | 850 nm   |               |
| IR On/Off Control                  | Auto/Manual  |               |
| <b>Video</b>                       |  |               |
| Video Compression                  | Ultra 265, H.265, H.264, MJPEG   |               |
| H.264 Code Profile                 | Baseline profile, Main profile, High profile   |               |
| Frame Rate                         | Main Stream: 5MP (2880*1620), Max 25fps; 4MP (2560*1440), Max 25fps; 3MP (2304*1296), Max 25fps; 2MP (1920*1080), Max 30fps; 720P (1280*720), Max 30fps;<br>Sub Stream: 720P (1280*720), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps; |               |
| Video Bit Rate                     | 128 Kbps to 6144 Kbps  |               |
| U-code                             | Support  |               |
| OSD                                | Up to 4 OSDs   |               |







|                         |  |
|-------------------------|--|
| Privacy Mask            | Support (only NVR)   |
| ROI                     | Up to 8 areas  |
| Video Stream            | Dual streams   |
| <b>Image</b>            |  |
| White Balance           | Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2   |
| Digital Noise Reduction | 2D/3D DNR  |
| Smart IR                | Support  |
| Flip                    | Normal, Flip vertical, Flip horizontal, 180°   |
| Dewarping               | N/A  |
| HLC                     | N/A  |
| BLC                     | N/A  |
| Defog                   | Digital defog  |
| <b>Events</b>           |  |
| Basic Detection         | Motion detection, Ultra motion detection, Audio detection, Tampering alarm   |
| General Function        | IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication |
| <b>Audio</b>            |  |
| Audio Compression       | G.711U, G.711A   |
| Audio Bitrate           | 64 Kbps  |
| Two-way Audio           | Support  |
| Suppression             | Support  |
| Sampling Rate           | 8 kHz  |
| <b>Storage</b>          |  |
| Edge Storage            | MicroSD, up to 512 GB  |
| Network Storage         | ANR  |
| <b>Network</b>          |  |
| Wi-Fi                   | 2.4G Wi-Fi (IEEE802.11b/g/n), built-in antenna   |
| Protocols               | IPv4, TCP, UDP, DHCP, RTSP, DNS, DDNS, NTP, HTTP   |
| Compatible Integration  | API, SDK   |
| User/Host               | Up to 32 users, 2 user levels: administrator and common user   |
| Client                  | APP, Uniarch client  |
| Web Browser             | Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+  |
| <b>Wi-Fi</b>            |  |
| Wireless Standards      | IEEE802.11b/g/n  |
| Frequency Range         | 2.4 GHz to 2.4835 GHz  |
| Channel Bandwidth       | 20 MHz Support   |
| Modulation Mode         | 802.11b: CCK, QPSK, BPSK<br>802.11g/n: OFDM/HT   |
| Wi-Fi Security          | 64/128-bit WEP, WPA-PSK/WPA2-PSK      64/128-bit WEP, WPA-PSK/WPA2-PSK   |
| Transmit Power          | 802.11b: 17±1.5 dBm@11 Mbps802.11g: 14±1.5 dBm@54 Mbps802.11n: 12.5±1.5 dBm@150 Mbps                               |
| Receive Sensitivity     | 802.11b: -90 dBm@11 Mbps (Typical)802.11g: -75 dBm@54 Mbps (Typical)802.11n: -74 dBm@150 Mbps (Typical)            |
| Transmission Rate       | 802.11b: 11 Mbps802.11g: 54 Mbps802.11n: up to 150 Mbps  |

| Interface           |  |
|---------------------|--|
| Audio I/O           | N/A  |
| Alarm I/O           | N/A  |
| Built-in Mic        | Support  |
| Video Output        | N/A  |
| Built-in Speaker    | Support  |
| WIFI                | Support  |
| Network             | 1 × RJ45 10 M/100 M Base-TX Ethernet   |
| Certification       |  |
| EMC                 | CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035)<br>FCC (FCC 47 CFR part15 B) |
| RF                  | FCC ID (FCC CFR 47 part15 C)CE RED (EN 301 489-1, EN 301 489-17, EN 300 328, EN 62311)   |
| Safety              | CE LVD (EN 62368-1)  |
| Environment         | CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU);                                    |
| Protection          | IP67 (IEC 60529)   |
| General             |  |
| Power               | DC 12V±25%<br>Power consumption: Max 5.7W  |
| Power Interface     | Ø5.5 mm coaxial power plug   |
| Material            | Metal + Plastic  |
| Dimensions          | 148 × 78 × 78mm (5.8" × 3.1" × 3.1")   |
| Weight              | 0.31 kg (0.68 lb)  |
| Working Environment | -30 °C to 60 °C (-22 °F to 140 °F), Humidity: ≤ 95% RH (non-condensing)                  |
| Storage Environment | -30 °C to 60 °C (-22 °F to 140 °F), Humidity: ≤ 95% RH (non-condensing)                  |
| Surge Protection    | 4 KV   |
| Reset Button        | Support  |
| LED Indicator       | 1, red/blue  |
| Web Client Language | 1 Language: English  |

## Dimensions



## Accessories

|   |   |  |
|---|---|--|
| <p><b>TR-JB05-A-IN</b><br/>Small Bullet Junction Box(Support wiring from behind,Square)</p> | <p><b>TR-UP06-B-IN</b><br/>Bullet Pole Mounting Bracket</p>                         | <p><b>TR-A01-IN</b><br/>NPT 3/4" Waterproof Cable Gland</p>  |
|          |  |  |
| <p><b>TR-UP06-C-IN-V2</b><br/>Pole Mounting Bracket for Bullet Junction Box Only</p>        | <p><b>TR-UC08-C-V2</b><br/>Bullet&amp;Dome Corner Mounting Bracket</p>              | <p><b>TR-SM05-IN</b><br/>Switch Box Adapter for Fixed Dome</p>   |
|          |  |                                   |

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