

## 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

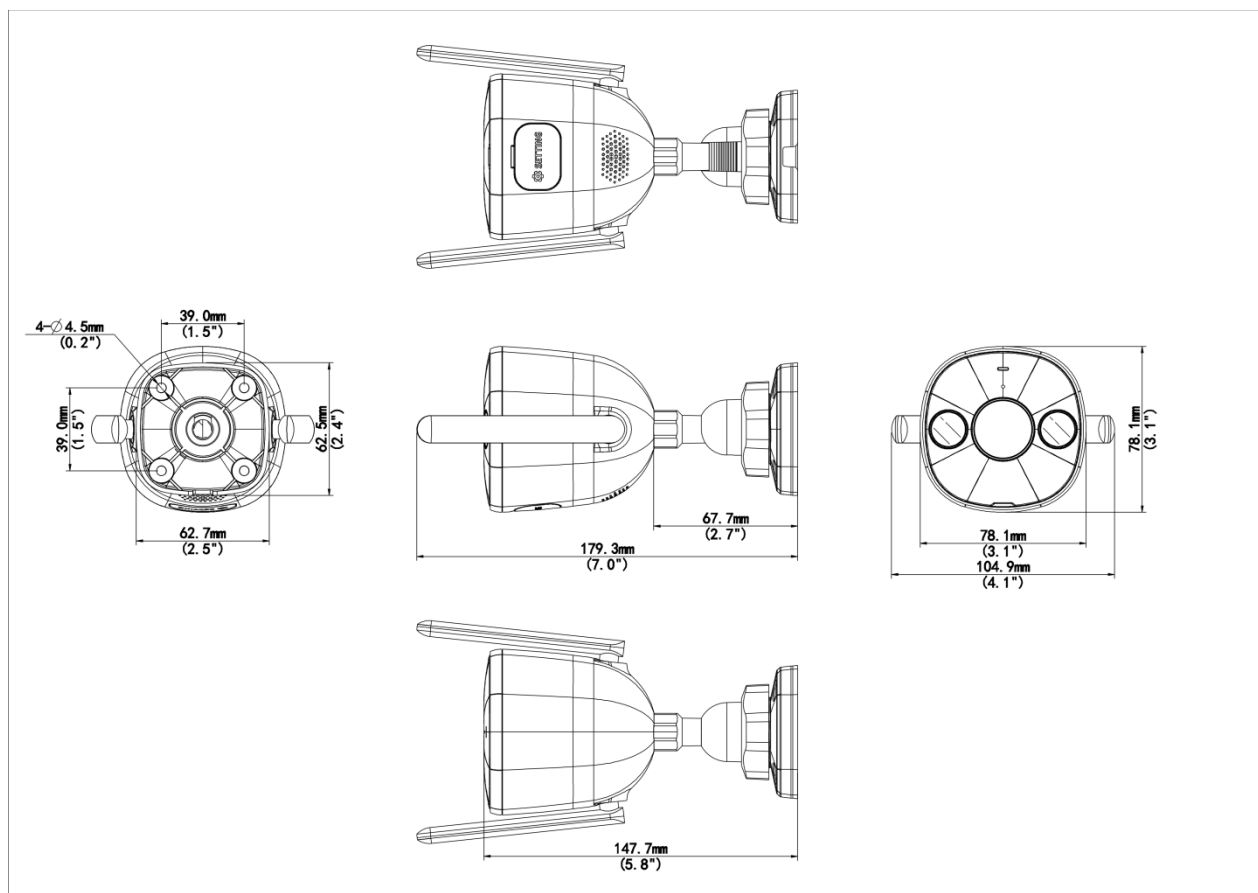
## Specifications

| Model                              | Uho-B2D-M5F3D                                                                                                                                                                                                                                                             | Uho-B2D-M5F4D |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| Camera                             |                                                                                                                                                                                                                                                                           |               |
| 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                                                                                                                                                                                                                                                                      |               |
| Lens                               |                                                                                                                                                                                                                                                                           |               |
| Focal Length                       | 2.8 mm                                                                                                                                                                                                                                                                    | 4.0 mm        |
| 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°         |
| Iris Type                          | Fixed                                                                                                                                                                                                                                                                     |               |
| DORI                               |                                                                                                                                                                                                                                                                           |               |
| 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           |
| Illuminator                        |                                                                                                                                                                                                                                                                           |               |
| 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                                                                                                                                                                                                                                                               |               |
| Video                              |                                                                                                                                                                                                                                                                           |               |
| 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                                                                                                       |
| Image                   |                                                                                                                    |
| 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                                                                                                      |
| Audio                   |                                                                                                                    |
| Audio Compression       | G.711U, G.711A                                                                                                     |
| Audio Bitrate           | 64 Kbps                                                                                                            |
| Two-way Audio           | Support                                                                                                            |
| Suppression             | Support                                                                                                            |
| Sampling Rate           | 8 kHz                                                                                                              |
| Events                  |                                                                                                                    |
| 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 |
| Storage                 |                                                                                                                    |
| Edge Storage            | MicroSD, up to 512 GB                                                                                              |
| Network Storage         | ANR                                                                                                                |
| Network                 |                                                                                                                    |
| Wi-Fi                   | 2.4G Wi-Fi (IEEE802.11b/g/n), built-in antenna                                                                     |
| Protocols               | IPv4, TCP, UDP, DHCP, RTSP, DNS, DDNS, NTP, HTTP, Websocket                                                        |
| Compatible Integration  | API, SDK                                                                                                           |
| Client                  | APP, Uniarch client                                                                                                |
| Web Browser             | Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+                                              |
| User/Host               | Up to 32 users, 2 user levels: administrator and common user                                                       |
| Wi-Fi                   |                                                                                                                    |
| 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                                                                                   |
| 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           |                                                                                          |
|---------------------|------------------------------------------------------------------------------------------|
| Video Output        | N/A                                                                                      |
| Audio I/O           | N/A                                                                                      |
| Alarm I/O           | N/A                                                                                      |
| Built-in Mic        | Support                                                                                  |
| Built-in Speaker    | Support                                                                                  |
| WIFI                | Support                                                                                  |
| Network             | 1 × RJ45 10 M/100 M Base-TX Ethernet                                                     |
| Certification       |                                                                                          |
| RF                  | FCC ID (FCC CFR 47 part15 C)CE RED (EN 301 489-1, EN 301 489-17, EN 300 328, EN 62311)   |
| Protection          | IP67 (IEC 60529)                                                                         |
| EMC                 | CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035)<br>FCC (FCC 47 CFR part15 B) |
| Safety              | CE LVD (EN 62368-1)                                                                      |
| Environment         | CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU);                                    |
| General             |                                                                                          |
| Material            | Metal + Plastic                                                                          |
| Power               | DC 12V±25%<br>Power consumption: Max 5.7W                                                |
| Power Interface     | Ø5.5 mm coaxial power plug                                                               |
| 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

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

**Zhejiang Uniview Technologies Co., Ltd.**<http://www.uniview.com>[overseasbusiness@uniview.com](mailto:overseasbusiness@uniview.com); [globalsupport@uniview.com](mailto:globalsupport@uniview.com)

No. 369, Xietong Road, Xixing Sub-district, Binjiang District, Hangzhou City, 310051, Zhejiang Province, China



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