

## 3MP Indoor Pan & Tilt Wi Fi Camera

Uho-S2E-M3-A



## Features

- High quality image with 3MP, 1/3" CMOS sensor
- 3MP (2304\*1296)@25/20fps; 2MP (1920\*1080)@30/25fps; 720P (1280\*720) @30/25fps
- Ultra 265, H.265, H.264
- Built in Mic & Speaker, support two way audio, offer better interaction
- IR night vision, up to 10m (33ft) IR distance
- Support 512 G Micro SD card
- Wi Fi connection and easy installation

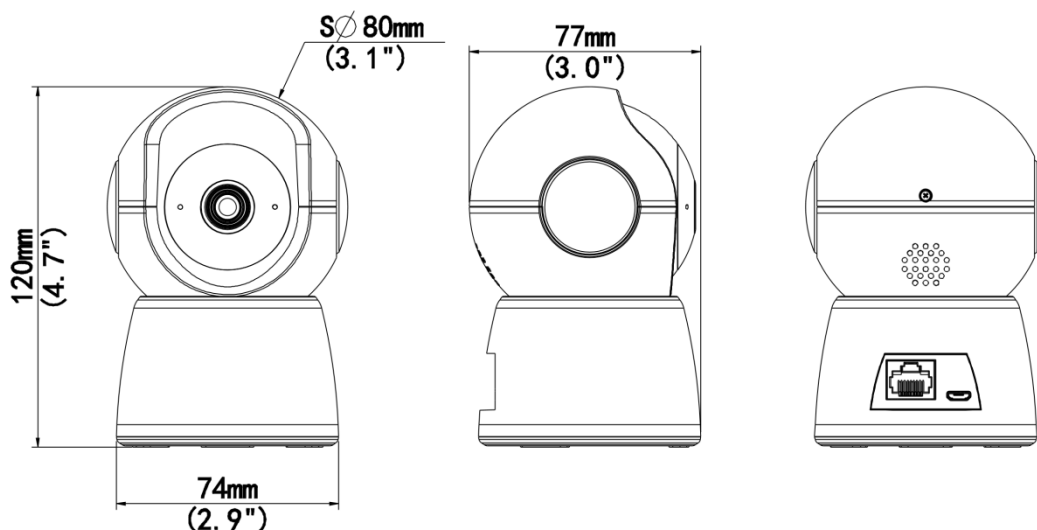
## Specifications

| Model                      | Uho-S2E-M3-A                                                                                                                                                                             |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Camera</b>              |                                                                                                                                                                                          |
| Max Resolution             | 3 MP                                                                                                                                                                                     |
| Sensor                     | 1/3.0" CMOS                                                                                                                                                                              |
| Min. Illumination          | Colour: 0.02 lux (F2.0, AGC ON)<br>0 lux with IR on                                                                                                                                      |
| Day/Night                  | IR-cut filter with auto switch (ICR)                                                                                                                                                     |
| Shutter                    | Auto/Manual, 1/4 to 1/100000 s                                                                                                                                                           |
| S/N                        | > 52 dB                                                                                                                                                                                  |
| WDR                        | DWDR                                                                                                                                                                                     |
| <b>Lens</b>                |                                                                                                                                                                                          |
| Focal Length               | 4.0 mm                                                                                                                                                                                   |
| Iris                       | F2.0                                                                                                                                                                                     |
| Field of View (H)          | 67.3°                                                                                                                                                                                    |
| Field of View (V)          | 37.2°                                                                                                                                                                                    |
| Field of View (D)          | 77.8°                                                                                                                                                                                    |
| Lens Type                  | Fixed                                                                                                                                                                                    |
| Iris Type                  | Fixed                                                                                                                                                                                    |
| <b>Illuminator</b>         |                                                                                                                                                                                          |
| Illumination Distance (IR) | 10 m (32.8 ft.)                                                                                                                                                                          |
| Wavelength                 | 850 nm                                                                                                                                                                                   |
| IR On/Off Control          | Auto/Manual                                                                                                                                                                              |
| Supplemental Light         | IR                                                                                                                                                                                       |
| <b>Video</b>               |                                                                                                                                                                                          |
| Video Compression          | Ultra 265, H.265, H.264                                                                                                                                                                  |
| Frame Rate                 | Main Stream: 3MP (2304*1296), Max 25fps; 2MP (1920*1080), Max 30fps; 720P (1280*720), Max 30fps;<br>Sub Stream: 640*360, Max 30fps; 2CIF (704*288), Max 30fps; CIF (352*288), Max 30fps; |
| Video Bit Rate             | 128 Kbps to 2048 Kbps                                                                                                                                                                    |
| U-code                     | Support                                                                                                                                                                                  |
| OSD                        | Up to 2 OSDs                                                                                                                                                                             |
| Privacy Mask               | Support (only NVR)                                                                                                                                                                       |
| ROI                        | Support                                                                                                                                                                                  |
| 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                                                                                                                                                                                  |
| Dewarping                  | N/A                                                                                                                                                                                      |
| HLC                        | N/A                                                                                                                                                                                      |
| BLC                        | Support                                                                                                                                                                                  |

|                        |                                                                                                                    |
|------------------------|--------------------------------------------------------------------------------------------------------------------|
| Flip                   | Normal, Flip vertical, Flip horizontal, 180°                                                                       |
| Defog                  | Digital defog                                                                                                      |
| Events                 |                                                                                                                    |
| Basic Detection        | Motion detection, Ultra motion detection (human/ vehicle/ pet), Crying detection, High-Decibel detection           |
| General Function       | IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication |
| Intelligent            |                                                                                                                    |
| Auto Tracking          | Support                                                                                                            |
| Audio                  |                                                                                                                    |
| Audio Compression      | G.711U, G.711A                                                                                                     |
| Audio Bitrate          | 64 Kbps                                                                                                            |
| Two-way Audio          | Support                                                                                                            |
| Suppression            | Support                                                                                                            |
| Sampling Rate          | 8 kHz                                                                                                              |
| 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+                                              |
| 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              |                                                                                                                    |
| 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          |                                                                                                                    |

|                     |                                                                                            |
|---------------------|--------------------------------------------------------------------------------------------|
| 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)<br>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) ;                                  |
| <b>General</b>      |                                                                                            |
| Power Consumption   | Max 7.5W                                                                                   |
| Power               | DC 5V/1.5A<br>Micro USB interface                                                          |
| Dimensions          | Φ80 x 120mm (Ø3.1" x 4.8")                                                                 |
| Weight              | 0.18kg(0.40lb)                                                                             |
| Working Environment | -10 °C to 50 °C (14 °F to 122 °F), Humidity: ≤ 95% RH (non-condensing)                     |
| Storage Environment | -10 °C to 50 °C (14 °F to 122 °F), Humidity: ≤ 95% RH (non-condensing)                     |
| Reset Button        | Support                                                                                    |
| LED Indicator       | 1, red/blue                                                                                |
| <b>PTZ</b>          |                                                                                            |
| Number of Presets   | 20                                                                                         |
| Pan Range           | 0° ~ 338°                                                                                  |
| Pan Speed           | 17°/s ~ 50°/s<br>Preset speed: 50°/s                                                       |
| Tilt Range          | -5° ~ 55°                                                                                  |
| Tilt Speed          | 17°/s ~ 50°/s<br>Preset speed: 50°/s                                                       |

## Dimensions



## Accessories

### TR-WM05-A

Indoor Camera PTZ Wall Mount Bracket



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