

## 8MP AI ISP Full Color IP Camera

**BMMDTV8RC**



- Built-in Mic
- External SD Card Slot
- Face Detection
- Line Crossing Count
- Illegal Parking (based on vehicle shape and license plates)
- License Plate Detection
- Abandoned Object Detection & Removed Object Detection
- Heat Map



**Camera**

|                         |                                                                             |
|-------------------------|-----------------------------------------------------------------------------|
| Image Sensor            | 1/1.8" OmniVision PureCel®Plus Back-illuminated CMOS sensor                 |
| Resolution              | 8MP                                                                         |
| Effective Pixels        | 3840(H)*2160(V)                                                             |
| Compression             | H.264/H.264+/H.265/H.265+/MJPEG                                             |
| Audio Compression       | G711A/U,AAC                                                                 |
| TV System               | PAL/NTSC                                                                    |
| Electronic Shutter Time | Auto: 1/3-1/100000Sec                                                       |
| Minimun Illumination    | Color: 0.001 Lux@(F1.2, AGC ON), 0 Lux with white light, B/W: 0 Lux with IR |
| S/N Ratio               | 60dB                                                                        |
| Scanning System         | Progressive                                                                 |
| Video Output            | Network                                                                     |
| Reset Button            | Optional                                                                    |

**Lens**

|                    |                                                                                                                                                                                                                 |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Focal Length & FOV | 2.8 mm, horizontal FOV 109.9°, vertical FOV 58°, diagonal FOV 132.3°<br>4 mm, horizontal FOV 90.2°, vertical FOV 48.8°, diagonal FOV 106.2°<br>6 mm, horizontal FOV 57°, vertical FOV 32.3°, diagonal FOV 65.1° |
| Lens Type          | Fixed focal lens, 2.8, 4 and 6 mm optional                                                                                                                                                                      |
| Focus Control      | Fixed                                                                                                                                                                                                           |
| Aperture           | F1.6                                                                                                                                                                                                            |
| Pixels             | 8MP                                                                                                                                                                                                             |

**Night Vision**

|                           |                            |
|---------------------------|----------------------------|
| Supplement Light          | IR: 3PCS, Warm light: 3PCS |
| Supplement Light Distance | IR: 50m, Warm light: 40m   |
| Supplement Light Status   | Auto Control               |
| Supplement Light Power On | Smart, Manual & Timed mode |

**Network**

|               |                                                                                                                           |
|---------------|---------------------------------------------------------------------------------------------------------------------------|
| Ethernet      | RJ-45 (10/100Base-T)                                                                                                      |
| Wireless      | N/A                                                                                                                       |
| Protocol      | TCP/IP, IPv4/v6, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTMP, RTCP, PPPoE, NTP, SMTP, UDP, SNMP, Qos, 802.1x |
| ONVIF         | Support ONVIF 24.12(Profile S/T/G/M)                                                                                      |
| P2P           | YES                                                                                                                       |
| POE           | Internal, Support IEEE 802.3af                                                                                            |
| Video Delay   | 300ms (Within the Lan)                                                                                                    |
| Main Stream 1 | 3840*2160@30fps<br>2560*1440@30fps                                                                                        |
| Main Stream 2 | 1920*1080@30fps                                                                                                           |
| Main Stream 3 | 1280*720@30fps                                                                                                            |
| Sub Stream 1  | 1280*720@30fps                                                                                                            |
| Sub Stream 2  | 720*480@30fps                                                                                                             |

|              |                                                          |
|--------------|----------------------------------------------------------|
| Sub Stream 3 | N/A                                                      |
| Tri Stream   | 720*480@30fps<br>352*288@30fps                           |
| IE Brower    | Microsoft Edge, IE11, Google Chrome, Firefox, Mac Safari |
| Smart Phone  | iPhone, Android                                          |

## AI Function

|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Intelligent Analysis | Intrusion Detection/Line Crossing Detection/Enter Area Detection/Leave Area Detection/Line Crossing Count(based on human and vehicle detection), Loitering Detection/People Gathering Detection(based on human detection), Motion Detection(supports the detection based on human and vehicle movement), Face Detection, Illegal Parking(based on vehicle shape and license plates), License Plate Detection, Abandoned Object Detection, Removed Object Detection, Heat Map |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Camera Features

|                  |                                                                                                                                                                                 |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Day/Night        | Color/ B&W (IR-CUT )                                                                                                                                                            |
| Image Config     | Saturation/Brightness/Contrast/Sharpness, Mirror, 3D NR, White Balance, Anti Flicker, Video Tampering, HLC, Scene Change Detection                                              |
| Full Color       | Support                                                                                                                                                                         |
| Corridor Pattern | Support                                                                                                                                                                         |
| Defog Mode       | Support                                                                                                                                                                         |
| ROI              | Support                                                                                                                                                                         |
| BLC              | Support                                                                                                                                                                         |
| WDR              | 120dB                                                                                                                                                                           |
| Motion Detection | Support(support enable the detection based on human and Vehicle movement)                                                                                                       |
| Privacy Masking  | 3 Rectangular Zone                                                                                                                                                              |
| Recording Mode   | NVR/CMS/Web                                                                                                                                                                     |
| Language         | Chinese Simplified, Chinese Traditional, English, Korean, Polish, French, Japanese, Spanish, Portuguese, Italian, Hebrew, Ukrainian, Arabic, Vietnamese, Thai, Hungarian, Czech |

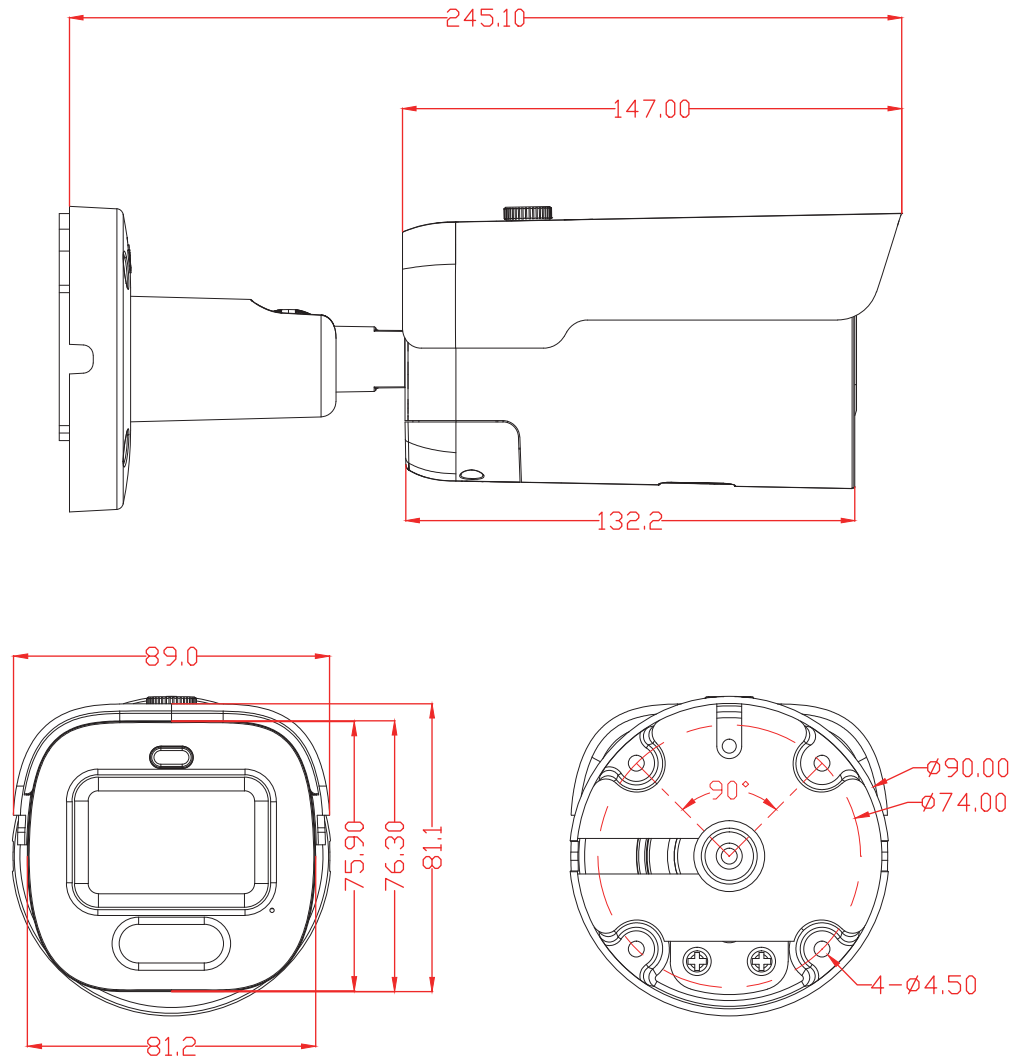
## Interface

|              |                                                                                                                |
|--------------|----------------------------------------------------------------------------------------------------------------|
| Audio        | Default: Built in Mic<br>Option: Audio I/O<br>Option: Built in Mic+Built in Speaker<br>Support Sound Detection |
| Alarm        | N/A                                                                                                            |
| SD Card Slot | Default: External SD card slot (Max 512GB)                                                                     |
| RS485        | N/A                                                                                                            |

## General

|                       |                                            |
|-----------------------|--------------------------------------------|
| Housing               | Main Body: Metal, Rain Cover:Plastic, IP67 |
| Anti-cut Bracket      | NO                                         |
| IR Cut Filter         | YES                                        |
| Operation Temperature | -30℃ ~ +60℃ RH95% Max                      |
| Storage Temperature   | -30℃ ~ +60℃ RH95% Max                      |
| Power Source          | DC12V±10%, 882mA                           |
| Dimension             | 89.0 x 81.1 x 245.1 mm                     |
| Weight (N.W./G.W.)    | Approx. 1000 g / Approx. 1200 g            |

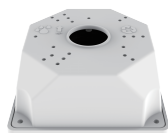
## Dimensions (mm)



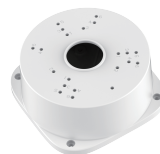
## Optional Accessories



B320  
Junction BOX



B116  
Junction BOX



PC115  
Junction BOX



PB14146  
Junction BOX