

## MV-5495-E3B

5MP IR Water-Proof Turret  
Network Camera



H.265 Day&Night WDR AWB Defog HLC



BLC Motion Detection PoE IP67 VCA -30°~60°



### FEATURES

- ✔ H.265+/H.265/H.264+/H.264/MJPEG coding
- ✔ Max. resolution: 2592 × 1944
- ✔ ICR auto switch, true day / night vision
- ✔ 20 ~ 30m IR night view distance
- ✔ 3D DNR, true WDR, HLC, BLC, Defog, NIR, Smart IR and ROI coding
- ✔ Support image distortion correction
- ✔ Built-in micro SD card slot, up to 256GB
- ✔ DC12V/PoE power supply
- ✔ IP 67 ingress protection
- ✔ Support three streams
- ✔ Support remote monitoring by smart phones & tablet PCs with iOS and Android OS
- ✔ Intelligent analytics

## SPECIFICATIONS

Model MV-5495-E3B

### Camera

|                    |                                                                                                                                                        |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor       | 1 / 2.7 "CMOS                                                                                                                                          |
| Max. Resolution    | 2592 × 1944                                                                                                                                            |
| Electronic Shutter | 1/ 2s - 1 / 100000 s                                                                                                                                   |
| Iris Type          | Fixed Iris                                                                                                                                             |
| Min.Illumination   | 0.02 lux@F1.6,AGC ON; 0 lux with IR                                                                                                                    |
| Lens               | 2.8 mm@F1.6, horizontal FoV: 99.87°; vertical FoV: 70.36°; diagonal FoV:120°<br>3.6 mm@F1.6, horizontal FoV: 80°; vertical FoV: 58°; diagonal FoV:108° |
| Focus              | Fixed                                                                                                                                                  |
| Field of View      | Horizontal: 96 32.33 ; Vertical: 53.67 19.63 ; Diagonal: 114.17 36.33°                                                                                 |
| Lens Mount         | M12                                                                                                                                                    |
| WDR                | 120dB                                                                                                                                                  |
| BLC                | Yes                                                                                                                                                    |
| HLC                | Yes                                                                                                                                                    |
| Defog              | Yes                                                                                                                                                    |
| Digital NR         | 3D DNR                                                                                                                                                 |
| S/N Ratio          | ≥50dB                                                                                                                                                  |
| Angle Adjustment   | Pan: 0°-360°; Tilt:0°-90°; Rotation: 0°-360°                                                                                                           |
| Day & Night        | ICR                                                                                                                                                    |

### Image

|                            |                                                                                                                                                              |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Video Compression          | Main stream: H.265+ / H.265 / H.264+ / H.264<br>Sub stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG<br>Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG |
| H.265 Compression Standard | Baseline Profile/Main Profile/High Profile                                                                                                                   |
| Resolution                 | 5 MP (2592×1944 ), 4MP (2592×1520), 2K (2560×1440), 3MP(2304×1296 ),1080P (1920×1080), 720P (1280×720 ), D1, CIF, 480×240                                    |
| Main stream                | 5MP/4MP/2K/3MP/1080P / 720P( 60Hz : 1 ~ 30fps; 50Hz: 1-25fps )<br>HFR mode: 1080P / 720P( 60Hz : 1 ~ 60fps; 50Hz: 1-50fps )                                  |
| Sub stream                 | 720P/D1/CIF/480×240 ( 60Hz : 1 ~ 30fps; 50Hz: 1-25fps )                                                                                                      |
| Third stream               | D1/CIF/480×240 ( 60Hz : 1 ~ 30fps; 50Hz: 1-25fps )                                                                                                           |
| Bitrate                    | 64 Kbps ~ 8 Mbps                                                                                                                                             |
| Bitrate Type               | VBR / CBR                                                                                                                                                    |
| Audio Compression          | G711A / U                                                                                                                                                    |
| Image setting              | ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Flip, Image Mirror, NR, etc.<br>adjustable through client software or web browser |
| ROI                        | Each ROI to be configured separately                                                                                                                         |

### Intelligent Analytics

|                     |                                                                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Exception Detection | Scene change, video blur and abnormal color detection                                                                                                            |
| Perimeter Detection | Line crossing, region entrance/exiting/intrusion (human/motor vehicle/ non-motor vehicle classification)                                                         |
| Statistics          | Target counting by line/area, heat map                                                                                                                           |
| Other Events        | Abandoned/missing object detection, crowd density detection                                                                                                      |
| Face Detection      | Face detection and face capture                                                                                                                                  |
| Video Metadata      | Simultaneously captures human body, motor vehicle and non-motor vehicle and extracts 13 human features, 5 motor vehicle features and 1 non-motor vehicle feature |

\*All pictures and specifications are for reference only and are subject to change without prior notice

## SPECIFICATIONS

### Functions

|                    |                                                                                                                                                                                                    |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Remote Monitoring  | Web Browser/MV NVMS2.0/NVR/mobile APP                                                                                                                                                              |
| Web browser        | IE11(plug-in required)/Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+                                                                                                                          |
| Online Connection  | Support simultaneous monitoring for up to 10 users;<br>Support multi-stream real time transmission                                                                                                 |
| Network Protocol   | UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, HTTP POST, 802.1x, UPnP, HTTPs, QoS                                                                         |
| Interface Protocol | ONVIF                                                                                                                                                                                              |
| Storage            | Network remote storage; micro SD card storage                                                                                                                                                      |
| Smart Alarm        | Motion detection, SD card error, SD card full                                                                                                                                                      |
| General Function   | Watermark, video mask, heartbeat, image distortion correction, corridor pattern                                                                                                                    |
| Security           | Video encryption, firmware encryption, HTTPs encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/HTTPs |
| POE                | Yes , IEEE802.3af                                                                                                                                                                                  |
| Protection Grade   | IP 67                                                                                                                                                                                              |
| IR Distance        | 20 m ~ 30 m                                                                                                                                                                                        |

### DORI Distance

| Lens  | Detect           | Observe         | Recognize       | Identify       |
|-------|------------------|-----------------|-----------------|----------------|
| 2.8mm | 55.16m(180.97ft) | 22.06m(72.37ft) | 11.03m(36.18ft) | 5.52m(18.11ft) |
| 3.6mm | 70.14m(230.11ft) | 28.06m(92.06ft) | 14.03m(46.03ft) | 7.01m(22.99ft) |

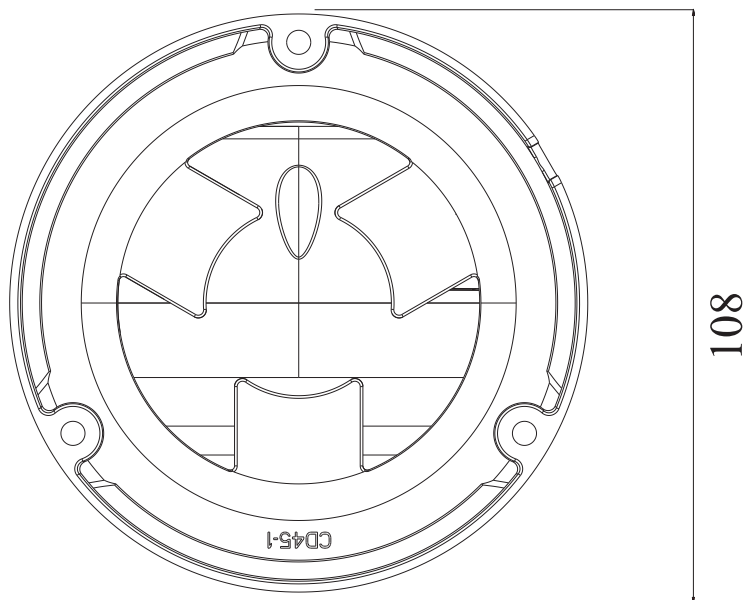
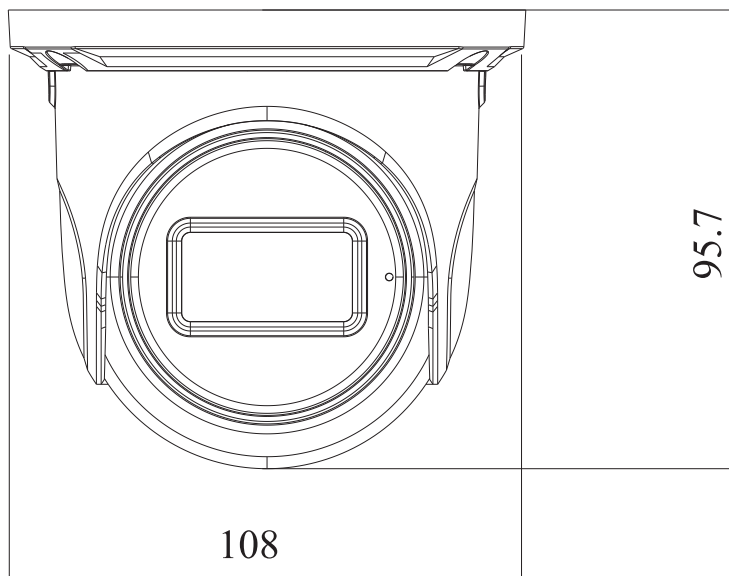
### Others

|                         |                                                                                 |
|-------------------------|---------------------------------------------------------------------------------|
| Power Supply            | DC12V/PoE                                                                       |
| Power Consumption       | < 7W                                                                            |
| Storage Conditions      | - 30 °C ~ 65°C (-22°F-149°F), Humidity: less than 95 % (non-condensing)         |
| Operating Conditions    | - 30 °C ~ 60 °C (-22°F-140°F), Humidity: less than 95 % (non-condensing)        |
| Dimensions ( mm )       | Ø 108 × 95.7                                                                    |
| Weight ( net )          | Approx. 0.48KG                                                                  |
| Installation            | Ceiling mounting; Wall mounting                                                 |
| Certificate             | CE, FCC                                                                         |
| Enviromental Protection | Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006) |

### Interfaces

|              |                                            |
|--------------|--------------------------------------------|
| Network      | RJ 45 10M/100M self-adaptive Ethernet port |
| Audio        | 1CH audio input; 1 CH built-in MIC         |
| Video Output | No                                         |
| Reset        | Yes                                        |
| Storage      | Built-in micro SD card slot; up to 256GB   |
| Alarm        | No                                         |

## DIAGRAM



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