

# 2MEWC04-IP4KZ

8MP IP Motorized Infrared Bullet Camera with  
Water Cooling Explosion Proof Housing - 304 Stainless Steel



## Features

- Day/night functionality
- Optical glass window with higher light transmittance
- IR anti-reflection window to increase the infrared transmittance
- Smart IR, up to 50m (164ft) IR distance
- Up to 120 dB Optical WDR (Wide Dynamic Range)
- 2D/3D DNR (Digital Noise Reduction)
- Ultra 265, H.265, H.264, MJPEG
- Triple streams
- ROI (Region of Interest)
- 9:16 corridor mode
- ONVIF Conformance
- Support PoE power supply
- Wide temperature range: -35°C ~ 60°C (-31°F ~ 140°F)
- Wide voltage range of  $\pm 25\%$
- IP67
- 3-Axis Constructed of stainless steel 304
- IP68 ingress protection
- Water cooling system
- 2x G3/4 or NPT3/4 cable entries
- Can be wall or pole mounted

### CERTIFICATES

**Certificate Mark** ExdIIIC T5 GB/DIP A20 TA, T5

### MECHANICAL

**Housing** Stainless steel 304 (also available in 316L)

**IP** IP68

**Cable Thread Hole** 2pcs G3/4 or NPT3/4

### ELECTRICAL

**Voltage** AC85V~AC265V or DC24V or AC24V

**Power** 15W

### AMBIENT

**Ambient Temperature** Water cooling: 0°C ~ to +250°C [32 °F ~ 250°F]

**Air Pressure** 80Kpa to 106Kpa

**Relative Humidity**  $\leq 95\%$  (no condensation)

### GENERAL

**Size** 374 x 163 x 185 (mm) 14.8" x 6.4" x 7.3" (in)

**Housing Inner Size** 260 x 80 x 80 (mm) 10.2" x 3.1" x 3.1" (in)

**Weight** 9.1kg (20.1 lbs)

**Mounted** wall, pole

**Wall Bracket** 2MEWB04 (304); 2MEWB16 (316L)

### CAMERA

**Image Sensor** 1/2", 8.0 megapixel, progressive scan, CMOS

**Lens** 2.8 ~ 12mm, AF automatic focusing and motorized zoom lens

|                          | Lens<br>(mm) | Detect<br>(m) | Observe<br>(m) | Recognize<br>(m) | Identify<br>(m) |
|--------------------------|--------------|---------------|----------------|------------------|-----------------|
| <b>DORI<br/>Distance</b> | 2.8          | 63            | 25.2           | 12.6             | 6.3             |
|                          | 12           | 270           | 108            | 54               | 27              |

**Angle of View (H)** 114.8° ~ 47.3°

**Angle of View (V)** 75.3° ~ 20.4°

**Angle of View (O)** 141.2° ~ 55.8°

**Adjustment angle** Pan: 0° ~ 360°; Tilt: 0° ~ 90°; Rotate: 0° ~ 360°

**Shutter** Auto/Manual, 1 ~ 1/100000s

**Minimum Illumination** Color: 0.003Lux (F1.5, AGC ON) 0Lux with IR on

**Day/Night** IR-cut filter with auto switch (ICR)

**Digital noise reduction** 2D/3D DNR

**S/N** >52dB

**IR Range** Up to 50m (164ft) IR range

**Defog** Digital Defog

**WDR** 120dB

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## VIDEO

|                           |                                                                                                                                                                                                                                              |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Video Compression</b>  | Ultra 265, H.265, H.264, MJPEG                                                                                                                                                                                                               |
| <b>Frame Rate</b>         | Main Stream: 8MP (3840*2160), Max 20fps; 5MP (2592*1944), Max 30fps; 5MP (2944*1656), Max 30fps; 4MP (2560*1440), Max 30fps; 2MP (1920*1080), Max 30fps;<br>Sub Stream: 2MP (1920*1080), Max 30fps;<br>Third Stream: D1 (720*576), Max 30fps |
| <b>9:16 Corridor Mode</b> | Supported                                                                                                                                                                                                                                    |
| <b>HLC</b>                | Supported                                                                                                                                                                                                                                    |
| <b>BLC</b>                | Supported                                                                                                                                                                                                                                    |
| <b>OSD</b>                | Up to 8 OSDs                                                                                                                                                                                                                                 |
| <b>Privacy Mask</b>       | Up to 8 areas                                                                                                                                                                                                                                |
| <b>ROI</b>                | Up to 8 areas                                                                                                                                                                                                                                |
| <b>Motion Detection</b>   | Up to 4 areas                                                                                                                                                                                                                                |

## AUDIO

|                          |           |
|--------------------------|-----------|
| <b>Audio Compression</b> | G.711     |
| <b>Two-way audio</b>     | Supported |
| <b>Suppression</b>       | Supported |
| <b>Sampling Rate</b>     | 8KHZ      |

## STORAGE

|                        |                       |
|------------------------|-----------------------|
| <b>Edge Storage</b>    | Micro SD, up to 256GB |
| <b>Network Storage</b> | ANR                   |

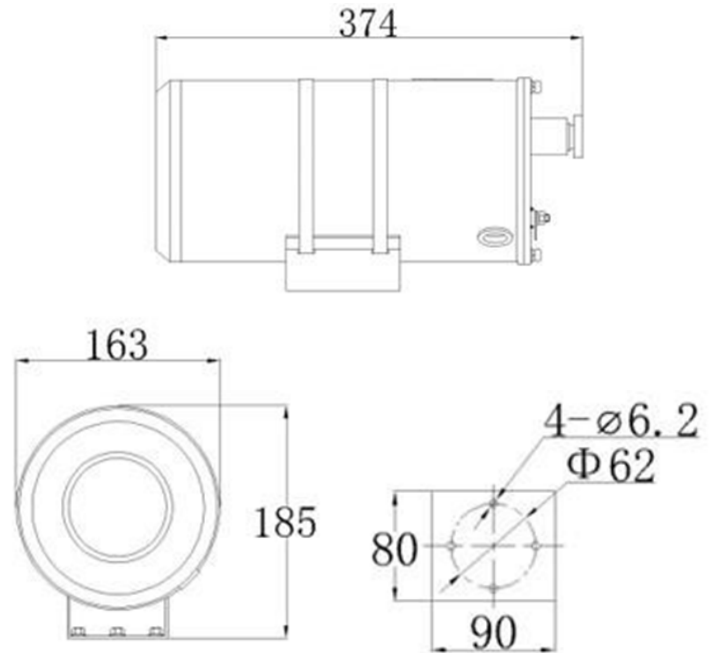
## NETWORK

|                               |                                                                                                                                |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>Protocols</b>              | IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS |
| <b>Compatible Integration</b> | ONVIF (Profile S, Profile G, Profile T), API                                                                                   |
| <b>Audio I/O</b>              | Audio cable<br>Input: impedance 35kΩ; amplitude 2V [p-p]<br>Output: impedance 600Ω; amplitude 2V [p-p]                         |
| <b>Alarm I/O</b>              | 1/1                                                                                                                            |
| <b>Network</b>                | 1 RJ45 10M/100M Base-TX Ethernet                                                                                               |
| <b>Video Output</b>           | 1 BNC, impedance 75Ω; amplitude 1V [p-p]                                                                                       |

## NETWORK

|                               |                                             |
|-------------------------------|---------------------------------------------|
| <b>Power</b>                  | DC 12V±25%, PoE (IEEE 802.3af)              |
| <b>Power Consumption</b>      | Max 10W                                     |
| <b>Dimensions (L × W × H)</b> | 253.4 × 86.4 × 78.7mm (57.6" × 3.4" × 2.8") |
| <b>Weight</b>                 | 1.0kg (2.2lb)                               |
| <b>Working Temperature</b>    | -35°C ~ 60°C (-31°F ~ 140°F),               |
| <b>Working Humidity</b>       | ≤95% RH (non-condensing)                    |
| <b>Ingress Protection</b>     | IP67                                        |

## Dimensions



Dimensions in mm

## Optional Accessories



### Wall Bracket

2MEWB04 (304); 2MEWB16 (316L)

## ATEX Markings Breakdown

