



### Features

#### Optics

- Day/night functionality
- Optical glass window with higher light transmittance
- IR anti-reflection window to increase the infrared transmittance
- Smart IR, up to 50m (164 ft) IR distance
- Up to 120 dB Optical WDR(Wide Dynamic Range)
- 2D/3D DNR(Digital Noise Reduction)

#### Compression

- Ultra 265, H.265, H.264, MJPEG
- Embedded smart algorithm Triple streams
- ROI (Region of Interest) 9:16 corridor mode

#### Network

- ONVIF Conformance

#### Structure

- Support PoE power supply
- Wide temperature range: -35°C to 60°C (-31°F to 140°F)
- Wide voltage range of  $\pm 25\%$
- IP67

| CAMERA                            |   |                   |                    |                      |                     |
|-----------------------------------|---|-------------------|--------------------|----------------------|---------------------|
| <b>Sensor</b>                     | 1/2", progressive scan, 8.0 megapixel, CMOS   |                   |                    |                      |                     |
| <b>Lens</b>                       | 2.8~12mm, AF automatic focusing and motorized zoom lens   |                   |                    |                      |                     |
| <b>DORI Distance</b>              | <b>Lens</b>   | <b>Detect (m)</b> | <b>Observe (m)</b> | <b>Recognize (m)</b> | <b>Identify (m)</b> |
|                                   | 2.8 mm  | 63                | 25.2               | 12.6                 | 6.3                 |
|                                   | 12 mm   | 270               | 108                | 54                   | 27                  |
| <b>Angle of View(H)</b>           | 114.8° ~ 47.3°  |                   |                    |                      |                     |
| <b>Angle of View (V)</b>          | 75.3°~20.4°   |                   |                    |                      |                     |
| <b>Angle of View (O)</b>          | 141.2°~55.8°  |                   |                    |                      |                     |
| <b>Adjustment angle</b>           | Pan: 0°~360°  |                   | Tilt: 0°~90°       |                      | Rotate: 0°~360°     |
| <b>Shutter</b>                    | Auto/Manual, 1/3~1/100000 s   |                   |                    |                      |                     |
| <b>Minimum Illumination</b>       | Color: 0.003 Lux (F1.5, AGC ON) 0 Lux with IR on  |                   |                    |                      |                     |
| <b>Day/Night</b>                  | IR-cut filter with auto switch (ICR)  |                   |                    |                      |                     |
| <b>Digital noise reduction</b>    | 2D/3D DNR   |                   |                    |                      |                     |
| <b>S/N</b>                        | >52dB   |                   |                    |                      |                     |
| <b>IR Range</b>                   | Up to 50m (164 ft) IR range   |                   |                    |                      |                     |
| <b>Defog</b>                      | Digital Defog   |                   |                    |                      |                     |
| <b>WDR</b>                        | 120 dB  |                   |                    |                      |                     |
| Video                             |   |                   |                    |                      |                     |
| <b>Video Compression</b>          | Ultra 265, H.265, H.264, MJPEG  |                   |                    |                      |                     |
| <b>Frame Rate</b>                 | Main Stream: 8MP (3840*2160): Max. 15 fps;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. 30 fps |                   |                    |                      |                     |
| <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   |                   |                    |                      |                     |
| SMART                             |   |                   |                    |                      |                     |
| <b>Behavior Detection</b>         | Intrusion, cross line, motion detection   |                   |                    |                      |                     |
| <b>Intrusion</b>                  | Enter and loiter in a pre-defined virtual region  |                   |                    |                      |                     |
| <b>Cross Line</b>                 | Cross a pre-defined virtual line  |                   |                    |                      |                     |
| <b>Motion Detection</b>           | Moving within a pre-defined virtual region  |                   |                    |                      |                     |
| <b>Recognition</b>                | Face detection, Audio detection   |                   |                    |                      |                     |
| <b>Intelligent Identification</b> | Defocus, Scene Change   |                   |                    |                      |                     |
| <b>Statistical Analysis</b>       | People counting   |                   |                    |                      |                     |
| <b>General Function</b>           | Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication  |                   |                    |                      |                     |
| AUDIO                             |   |                   |                    |                      |                     |
| <b>Audio Compression</b>          | G.711   |                   |                    |                      |                     |
| <b>Two-way audio</b>              | Supported   |                   |                    |                      |                     |
| <b>Suppression</b>                | Supported   |                   |                    |                      |                     |
| <b>Sampling Rate</b>              | 8 KHZ   |                   |                    |                      |                     |

# 2MBIP-4KIR50Z-P

8MP VF Network IR Bullet Camera

| STORAGE                       |   |
|-------------------------------|---|
| <b>Edge Storage</b>           | Micro SD, up to 128 GB  |
| <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 |
| <b>Compatible Integration</b> | ONVIF(Profile S, Profile G), API  |
| INTERFACE                     |   |
| <b>Audio I/O</b>              | Audio cable   |
|                               | Input: impedance 35 k $\Omega$ ; amplitude 2 V *p-p   |
|                               | Output: impedance 600 $\Omega$ ; amplitude 2 V *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 75 $\Omega$ ; amplitude 1 V [p-p]  |
| GENERAL                       |   |
| <b>Power</b>                  | 12 V DC $\pm$ 25%, PoE (IEEE802.3 af)   |
| <b>Power Consumption</b>      | Max 10W   |
| <b>Working Temperature</b>    | -35°C ~ +60°C (-31°F ~ 140°F)   |
| <b>Working Humidity</b>       | 10%~95% RH(non-condensing)  |
| <b>Ingress Protection</b>     | IP67  |
| <b>Dimensions</b>             | 146.3 $\times$ 86 $\times$ 71.7 mm (57.6" $\times$ 3.4" $\times$ 2.8") (L $\times$ W $\times$ H)                          |
| <b>Weight</b>                 | 0.58kg (1.28lb)   |

## Dimensions

