

# 2MBIP-2MIR10010XUASL-C

2MP WDR Starlight AF Network IR Bullet Camera



## Features

### Optics

- Starlight illumination
- Up to 120 dB WDR(Wide Dynamic Range) Smart IR, up to up to 100m (328 ft) IR distance
- Optical glass window with higher light transmittance
- IR anti-reflection window to increase the infrared transmittance
- Day/night functionality

### Compression

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

### Network

- ONVIF Conformance

### Structure

- Support PoE power supply
- Wide temperature range: -40°C to 60°C (-40°F to 140°F)
- Wide voltage range of  $\pm 25\%$
- IP67

## Specifications

| CAMERA            |                                                                 |           |            |              |             |
|-------------------|-----------------------------------------------------------------|-----------|------------|--------------|-------------|
| Sensor            | 1/2.8", progressive scan, 2.0 megapixel, CMOS                   |           |            |              |             |
| Lens              | 4.7~47mm; P-Iris, AF automatic focusing and motorized zoom lens |           |            |              |             |
| Optical Zoom      | 10                                                              |           |            |              |             |
| DORI Distance     | Lens                                                            | Detect(m) | Observe(m) | Recognize(m) | Identify(m) |
|                   | 4.7mm                                                           | 72.9      | 29.2       | 14.6         | 7.3         |
|                   | 47mm                                                            | 729.3     | 291.7      | 145.9        | 72.9        |
| Angle of View (H) | 65°~9°                                                          |           |            |              |             |

|                         |                                                  |
|-------------------------|--------------------------------------------------|
| Angle of View (V)       | 36.9°~3.8°                                       |
| Angle of View (O)       | 80°~10.6°                                        |
| Adjustment angle        | Pan: 0°~360°; Tilt: 0°~90°; Rotate: 0°~360°      |
| Shutter                 | Auto/Manual, 1/10~1/100,000s                     |
| Minimum Illumination    | Color: 0.001 Lux (F1.4, AGC ON)<br>0 Lux with IR |
| Iris                    | Auto/Manual, F1.6~F3.0, DC-Iris                  |
| Day/Night               | IR-cut filter with auto switch (ICR)             |
| Digital noise reduction | 2D/3D DNR                                        |
| S/N                     | >52dB                                            |
| IR Range                | Smart-IR ,up to 100m (328ft) IR range            |
| Defog                   | Digital Defog                                    |
| WDR                     | 120dB                                            |

| VIDEO              |                                                                                                                            |
|--------------------|----------------------------------------------------------------------------------------------------------------------------|
| Video Compression  | Ultra 265,H.265, H.264, MJPEG                                                                                              |
| H.264 code profile | Baseline profile, Main Profile, High Profile                                                                               |
| Frame Rate         | Main Stream: 2MP (1920×1080): Max. 30 fps; Sub Stream: 2MP (1920×1080): Max. 30 fps; Third Stream:D1(720×576) : Max. 30fps |
| 9:16 Corridor Mode | Supported                                                                                                                  |
| HLC                | Supported                                                                                                                  |
| BLC                | Supported                                                                                                                  |
| OSD                | Up to 8 OSDs                                                                                                               |
| Privacy Mask       | Up to 8 areas                                                                                                              |
| ROI                | Up to 8 areas                                                                                                              |
| Motion Detection   | Up to 4 areas                                                                                                              |

| SMART                      |                                                                                                                                                      |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Behavior Detection         | Intrusion, cross line, motion detection                                                                                                              |
| Intrusion                  | Enter and loiter in a pre-defined virtual region                                                                                                     |
| Cross Line                 | Cross a pre-defined virtual line                                                                                                                     |
| Motion Detection           | Moving within a pre-defined virtual region                                                                                                           |
| Recognition                | Face detection, Audio detection                                                                                                                      |
| Intelligent Identification | Defocus, Scene Change                                                                                                                                |
| Statistical Analysis       | People counting                                                                                                                                      |
| General Function           | Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication |

| AUDIO             |                        |
|-------------------|------------------------|
| Audio Compression | G.711                  |
| Two-way audio     | Supported              |
| Suppression       | Supported              |
| Sampling Rate     | 8 KHZ                  |
| STORAGE           |                        |
| Edge Storage      | Micro SD, Up to 128 GB |

# 2MBIP-2MIR10010XUASL-C

2MP WDR Starlight AF Network IR Bullet Camera

|                                                                   |                                                                                                                           |
|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>Network Storage</b>                                            | ANR                                                                                                                       |
| <b>NETWORK</b>                                                    |                                                                                                                           |
| <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                                                                                          |
| <b>INTERFACE</b>                                                  |                                                                                                                           |
| <b>Audio I/O</b>                                                  | Audio cable                                                                                                               |
|                                                                   | 1 Input: impedance 35 k $\Omega$ ; amplitude 2 V [p-p]                                                                    |
|                                                                   | 1 Output: impedance 600 $\Omega$ ; amplitude 2 V [p-p]                                                                    |
| <b>Alarm I/O</b>                                                  | 2 / 1                                                                                                                     |
|                                                                   | 1 RS485                                                                                                                   |
| <b>Alarm I/O</b>                                                  | 1 RJ45 10M/100M Base-TX Ethernet                                                                                          |
| <b>Serial Port</b>                                                | Supported                                                                                                                 |
| <b>Network</b>                                                    | 1 channel RS485 interface                                                                                                 |
| <b>Video Output</b>                                               | 1 BNC, impedance 75 $\Omega$ ; amplitude 1 V [p-p]                                                                        |
| <b>GENERAL</b>                                                    |                                                                                                                           |
| <b>Power</b>                                                      | DC12V $\pm$ 25%, AC24V $\pm$ 25% ,PoE (IEEE802.3 at)                                                                      |
|                                                                   | Power consumption: 13.7W                                                                                                  |
| <b>Dimensions (L <math>\times</math> W <math>\times</math> H)</b> | 305.5 $\times$ 104.1 $\times$ 97.3mm (12.0" $\times$ 4.1" $\times$ 3.8")                                                  |
| <b>Weight</b>                                                     | 1.65 kg (3.6 lb)                                                                                                          |
| <b>Working Temperature</b>                                        | -40°C $\sim$ +60°C (-40°F $\sim$ 140°F)                                                                                   |
| <b>Humidity</b>                                                   | 10%~95% RH(non-condensing)                                                                                                |
| <b>Ingress Protection</b>                                         | IP67                                                                                                                      |
| <b>Reset Button</b>                                               | Supported                                                                                                                 |

## Dimensions

