



### 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 Sub Stream: 2MP (1920*1080): Max. 30fps 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

