

# VBIP-4E

4MP SD Card Mini Fixed Bullet Network Camera



## Key Features

### Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- Optical glass window with higher light transmittance
- IR anti-reflection window to increase the infrared transmittance
- 2D/3D DNR (Digital Noise Reduction)
- SD Card

### Compression

- Ultra 265, H.265, H.264, MJPEG
- ROI (Region of Interest)

### Network

- ONVIF Conformance

### Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide input voltage range of  $\pm 25\%$
- IK10 vandal resistant
- IP67
- 3-Axis

## Specifications

CAMERA					
<b>Sensor</b>		1/3", 4.0 megapixel, progressive scan, CMOS			
<b>Lens</b>		2.8mm@F2.0			
<b>DORI Distance</b>	<b>Lens (mm)</b>	<b>Detect (m)</b>	<b>Observe (m)</b>	<b>Recognize (m)</b>	<b>Identify (m)</b>
	<b>2.8</b>	63.0	25.2	12.6	6.3
	<b>4.0</b>	90.0	36.0	18.0	9.0
<b>Angle of View (H)</b>		107.8°			
<b>Angle of View (V)</b>		57.0°			
<b>Angle of View (O)</b>		140.1°			
<b>Adjustment angle</b>		Pan: 0° ~ 360°; Tilt: 0° ~ 90°; Rotate: 0° ~ 360°			
<b>Shutter</b>		Auto/Manual, 1 ~ 1/100000s			
<b>Minimum Illumination</b>		Colour:0.01Lux (F2.0, AGC ON) 0Lux with IR on			
<b>Digital noise reduction</b>		2D/3D DNR			
<b>Day/Night</b>		IR-cut filter with auto switch (ICR)			
<b>S/N</b>		>56dB			
<b>IR Range</b>		Up to 30m (98 ft) IR range			
<b>WDR</b>		120dB			
VIDEO					
<b>Video Compression</b>		Ultra 265, H.265, H.264, MJPEG			
<b>H.264 code profile</b>		Baseline profile, Main Profile			
<b>Frame Rate</b>		Main Stream: 4MP (2592*1520), Max 30fps; 4MP (2560*1440), Max 30fps; 3MP (2304*1296), Max 30fps; 1080P(1920*1080), Max 30fps Sub Stream: 4CIF (704*576), Max 30fps; Third Stream: CIF (352*288), Max 30fps			
<b>HLC</b>		Supported			
<b>BLC</b>		Supported			
<b>OSD</b>		Up to 4 OSDs			
<b>Privacy Mask</b>		Up to 4 areas			
<b>ROI</b>		Up to 2 areas			
<b>Motion Detection</b>		Up to 4 areas			
AUDIO					
<b>Audio Compression</b>		G.711			
<b>Suppression</b>		Supported			
<b>Sampling Rate</b>		8KHZ			
STORAGE					
<b>Protocols</b>		IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL			
<b>Compatible Integration</b>		ONVIF (Profile S, Profile G, Profile T), API			
INTERFACE					
<b>Network</b>		1 RJ45 10M/100M Base-TX Ethernet			
<b>Built-in Mic</b>		Supported			

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GENERAL	
<b>Power</b>	DC 12V±25%, PoE (IEEE 802.3af)
	Power consumption: Max 6.4W
<b>Dimensions (Ø x H)</b>	165 × 63.1 × 62.5mm (6.5" × 2.5" × 2.5")
<b>Weight</b>	0.45kg (0.99lb)
<b>Working Environment</b>	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
<b>Ingress Protection</b>	IP67

## Dimensions

