

# VBIP-4AI-PRO-U

4MP Intelligent IR Fixed Network Bullet Camera



## Specifications:

CAMERA					
<b>Sensor</b>		1/3", 4.0 megapixel, progressive scan, CMOS			
<b>Lens</b>		2.8mm@F1.6			
<b>DORI Distance</b>	<b>Lens (mm)</b>	<b>Detect (m)</b>	<b>Observe (m)</b>	<b>Recognize (m)</b>	<b>Identify (m)</b>
	2.8mm	84	33.6	16.8	8.4
<b>Angle of View (H)</b>		101.1°			
<b>Angle of View (V)</b>		55.3°			
<b>Angle of View (O)</b>		111.1°			
<b>Wide Dynamic Range</b>		Pan: 0° ~ 360°, Tilt: 0° ~ 90°, Rotate: 0° ~ 360°			
<b>Shutter</b>		Auto/Manual, 1 ~ 1/100000s			
<b>Minimum Illumination</b>		Color: 0.002 Lux (F1.6, AGC ON) 0 Lux with IR			
<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 40m (131ft) IR range			
<b>Wavelength</b>		850nm			
<b>IR On/Off Control</b>		Auto/Manual			
<b>Defog</b>		Digital Defog			
<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, High profile			
<b>Frame Rate</b>		Main Stream: 4MP (2688*1520), Max 30fps; 4MP (2560*1440), Max 30fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; Third Stream: D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;			
<b>Video Bit Rate</b>		128 Kbps~16 Mbps			
<b>U-code</b>		Supported			
<b>OSD</b>		Up to 8 OSDs			
<b>PRIVACY MASK</b>		Up to 4 areas			
<b>ROI</b>		Up to 8 areas			
<b>Video stream</b>		Triple streams			
IMAGE					
<b>White Balance</b>		Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2			
<b>Digital Noise Reduction</b>		2D/3D DNR			
<b>Smart IR</b>		Supported			
<b>Flip</b>		Normal/Vertical/Horizontal/180°/90°Clockwise/90°counter-clockwise			
<b>Dewarping</b>		NA			
<b>HLC</b>		Supported			
<b>BLC</b>		Supported			
INTELLIGENT					
<b>Smart intrusion prevention</b>		Support false alarm filtering: Cross Line detection, Intrusion detection, Enter Area detection, Leave Area detection			

## Key Features:

- High quality image with 4MP 1/3"CMOS sensor
- 4MP (2688\*1520)@25/20fps; 4MP (2560\*1440)@25/20fps;3MP(2304\*1296)@30/25fps;2MP (1920\*1080)@30/25fps;
- Ultra 265, H.265, H.264, MJPEG
- Smart intrusion prevention, include cross line, intrusion, enter area, leave area detection
- Intelligent People Flow Counting and Crowd Density Monitoring
- Support 9:16 Corridor Mode
- Built-in Mic
- Smart IR, up to 40m (131ft) IR distance
- Supports 256 G Micro SD card
- IP67
- Support PoE power supply
- 3-Axis

# VBIP-4AI-PRO-U

4MP Intelligent IR Fixed Network Bullet Camera



**VEILUX**  
The Art of Surveillance

<b>Statistical Analysis</b>	People counting, support people flow counting and crowd density monitoring
<b>EVENTS</b>	
<b>Basic Detection</b>	Motion detection, Ultra motion detection, Tampering alarm, Audio detection
<b>General Function</b>	Watermark, IP address filtering, access policy, ARP protection, RTSP authentication, User authentication
<b>Audio</b>	
<b>Audio Compression</b>	G.711U, G.711A
<b>Audio Bitrate</b>	64 Kbps
<b>Two-way Audio</b>	N/A
<b>Suppression</b>	Supported
<b>Sampling Rate</b>	8KHZ
<b>Storage</b>	
<b>Edge Storage</b>	Micro SD, up to 256 GB
<b>Network Storage</b>	ANR,NAS(NFS)
<b>NETWORK</b>	
<b>Protocols</b>	IPv4, IPv6 ,IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP,SSL/TLS, SSH
<b>Compatible Integration</b>	ONVIF (Profile S, Profile G, Profile T), API , SDK
<b>User/Host</b>	Up to 32 users. 2 user levels: administrator and common user
<b>Client</b>	Guard Station, 2M Station
<b>Web Browser</b>	Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above Web Browser  Plug-in free live view: Chrome 57.0 and above, Firefox 58.0 and above, Edge 16 and above
<b>INTERFACE</b>	
<b>Network</b>	1 * RJ45 10M/100M Base-TX Ethernet
<b>CERTIFICATIONS</b>	
<b>EMC</b>	CE-EMC (EN 55032: 2015+A1:2020,EN 61000-3-3: 2013+A1: 2019,EN IEC 61000-3-2: 2019+A1: 2021,EN 55035: 2017 +A11:2020) FCC (FCC CFR 47 part15 B, ANSI C63.4-2014)
<b>Safety</b>	CE LVD (EN 62368-1:2014+A11:2017) CB (IEC 62368-1:2014) UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01)
<b>Environment</b>	CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
<b>GENERAL</b>	
<b>Power</b>	DC12V±25%, PoE (IEEE802.3 af) Power consumption: Max 4.0w
<b>Dimensions (Ø x H)</b>	156 × 63.1 × 63mm (6.1" × 2.5" × 2.5")
<b>Weight</b>	0.42kg (0.93lb)
<b>Working Environment</b>	-30°C ~ +60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
<b>Storage Environment</b>	-30°C ~ +60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
<b>Surge Protection</b>	4KV
<b>Ingress Protection</b>	IP67

## Dimensions

