

VBIP-4AI-FC-PRO-U

4MP HD Intelligent Full Color Fixed Network Bullet Camera



Specifications:

CAMERA					
Sensor		1/1.8, 4.0 megapixel, progressive scan, CMOS			
Lens		4.0mm@F1.0			
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	4mm	62.1	24.8	12.4	6.2
Angle of View (H)		103°			
Angle of View (V)		69.2°			
Angle of View (D)		134.6°			
Wide Dynamic Range		Pan: 0° ~ 360°, Tilt: 0° ~ 90°, Rotate: 0° ~ 360°			
Shutter		Auto/Manual, 1 ~ 1/100000s			
Minimum Illumination		Color: 0.0005 Lux (F1.0, AGC ON) 0 Lux with IR			
Day/Night		IR-cut filter with auto switch (ICR)			
Digital noise reduction		2D/3D DNR			
S/N		> 56dB			
IR Range		Up to 30m (98ft) IR range			
Wavelength		850nm			
IR On/Off Control		Auto/Manual			
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: 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;			
Video Bit Rate		128 Kbps~16 Mbps			
U-code		Supported			
OSD		Up to 8 OSDs			
PRIVACY MASK		Up to 4 areas			
ROI		Up to 8 areas			
Video stream		Triple streams			
IMAGE					
White Balance		Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2			
Digital Noise Reduction		2D/3D DNR			
Smart IR		Supported			
Flip		Normal/Vertical/Horizontal/180°/90°Clockwise/90° Counter-clockwise			
Dewarping		NA			
HLC		Supported			
BLC		Supported			
INTELLIGENT					

Key Features:

- High quality image with 4MP, 1/1.8"CMOS sensor
- 4MP (2688*1520)@30/25fps; 4MP (2560*1440)@30/25fps;3MP (2304*1296)@30/25fps;2MP (1920*1080)@30/25fps;
- Ultra 265, H.265, H.264, MJPEG
- Intelligent perimeter protection, include cross line, intrusion, enter area, leave area detection
- Smart intrusion prevention significantly reduces false alarms caused by leaves, birds, lights etc., accurately focusing on human, motor vehicle and non-motor vehicle
- Intelligent People Flow Counting and Crowd Density Monitoring
- Advanced technology ensures 24-hour full-color images
- 120dB true WDR technology enables clear image in strong light scene
- Support 9:16 Corridor Mode
- Alarm:1 in/1out, Audio:1 in/1 out
- Smart IR, up to 30m (98ft) IR distance
- Supports 256 G Micro SD card
- IP67 protection
- Support PoE power supply

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Smart intrusion prevention	Support false alarm filtering: Cross Line detection, Intrusion detection, Enter Area detection, Leave Area detection
Statistical Analysis	People counting, support people flow counting and crowd density monitoring
EVENTS	
Basic Detection	Motion detection, Ultra motion detection, Tampering alarm, Audio Detection
General Function	Watermark, IP Address Filtering, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication
AUDIO	
Audio Compression	G.711
Audio Bitrate	64 Kbps
Two-way Audio	Supported
Suppression	Supported
Sampling Rate	8KHZ
STORAGE	
Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR,NAS(NFS)
NETWORK	
Protocols	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
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API , SDK
User/Host	Up to 32 users. 2 user levels: administrator and common user
Client	Guard Station, 2M Station
Web Browser	Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above Plug-in free live view: Chrome 57.0 and above, Firefox 58.0 and above, Edge 16 and above
INTERFACE	
Audio I/O	Input: impedance 35kΩ; amplitude 2V [p-p] Output: impedance 600Ω; amplitude 2V [p-p]
Alarm I/O	1/1
Network	1 * RJ45 10M/100M Base-TX Ethernet
CERTIFICATIONS	
EMC	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)
Safety	CE LVD (EN 62368-1:2014+A11:2017) CB (IEC 62368-1:2014) UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01)
Environment	CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
GENERAL	
Power	DC12V±25%, PoE (IEEE802.3 af) Power consumption: Max 9w
Dimensions (Ø x H)	245 × 86 × 85mm (9.6" × 3.4" × 3.3")
Weight	0.87kg (1.92lb)
Working Environment	-30°C ~ +60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Storage Environment	-30°C ~ +60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
surge protection	4KV

Dimensions

