

PRO SERIES

VBIP-8AIZ-PRO-U

8MP HD IR VF Network Bullet Camera



Key Features

- High quality image with 8MP, 1/2.8"CMOS sensor
- 8MP (3840*2160)@20fps; 5MP (3072*1728)@30/25fps; 4MP (2560*1440)@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
- 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
- 120dB true WDR technology enables clear image in strong light scene
- Supports 9:16 Corridor Mode
- Alarm: 1 in/1 out, Audio: 1 in/1 out
- Smart IR, up to 50m (164ft) IR distance
- Supports 256 G Micro SD card
- IP67 protection
- Support PoE power supply

CAMERA					
Sensor	1/2.8". 8.0 megapixel, progressive scan, CMOS				
Lens	2.8 ~ 12mm, motorized zoom lens				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	86.9	234.8	17.4	8.7
	12	372.4	149	74.5	37.2
Angle of View (H)	107.4° ~ 29.2°				
Angle of View (V)	54.2° ~ 16.3°				
Angle of View (D)	111.0° ~ 33.1°				
Adjustment angle	Pan: 0° ~ 360°	Tilt: 0° ~ 90°	Rotate: 0° ~ 360°		
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Color: 0.0025 Lux (F1.6, AGC ON) 0 Lux with IR on				
Day/Night	IR-cut filter with auto switch (ICR)				
S/N	>56 dB				
IR Range	Up to 50m (164ft) 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: 8MP (3840*2160), Max 20fps; 5MP (3072*1728), Max 30fps; 4MP (2560*1440), Max 30fps; 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), 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				
9:16 Corridor Mode	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	Support				
Flip	Normal/Vertical/Horizontal/180°/90°Clockwise/90°counter-clockwise				
Dewarping	Support				
HLC	Support				
BLC	Support				
AUDIO					
Audio Compression	G.711				
Audio Bitrate	64Kbps				
Two-way Audio	Support				
Suppression	Support				
Sampling Rate	8KHZ				

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INTELLIGENT	
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, tampering alarm, alarm input, alarm output, access policy, ARP protection, RTSP authentication, user authentication
STORAGE	
Edge Storage	Micro SD, up to 256GB
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
Alarm I/O	1/1
Network	1 RJ45 10M/100M Base-TX Ethernet
CERTIFICATIONS	
EMC	CE-EMC (EN 55032: 2015+A1:2020, EN61000-3-3: 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	DC 12V ±25%, PoE (IEEE 802.3af) Power consumption: Max 10.5W
Dimensions (L × W × H)	245 × 86 × 72mm (9.6" × 3.4" × 2.8")
Net Weight	0.92kg (2.03lb)
Material	Metal
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	6KV
Ingress Protection	IP67
Reset Button	N/A

Dimensions

