

# PRO SERIES VBIP-4AIZ-PRO-U

4MP HD IR VF Network Bullet Camera



## Key Features

- High quality image with 4MP, 1/3" CMOS sensor
- 4MP (2688 x 1520)@ 25fps; 4MP (2560 x 1440)@ 25fps; 3MP (2304 x 1296) @25fps; 2MP (1920 x 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
- 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					
<b>Sensor</b>	1/3", 4.0 megapixel, progressive scan, CMOS				
<b>Lens</b>	2.7 ~ 13.5mm, AF automatic focusing and motorized zoom lens				
<b>DORI Distance</b>	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.7	60.8	24.3	12.2	6.1
	13.5	303.8	121.5	60.8	30.4
<b>Angle of View (H)</b>	98.26° ~ 31.35°				
<b>Angle of View (V)</b>	54.76° ~ 18.55°				
<b>Angle of View (D)</b>	127.74° ~ 36.99°				
<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>	Color: 0.002 Lux (F1.2, AGC ON) 0 Lux with IR on				
<b>Day/Night</b>	IR-cut filter with auto switch (ICR)				
<b>S/N</b>	>56 dB				
<b>IR Range</b>	Up to 50m (164ft) 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>	Support				
<b>Flip</b>	Normal/Vertical/Horizontal/180°/90°Clockwise/90°counter-clockwise				
<b>Defog</b>	Digital Defog				
<b>HLC</b>	Support				
<b>BLC</b>	Support				
AUDIO					
<b>Audio Compression</b>	G.711				
<b>Two-way Audio /Suppression</b>	Supported				
<b>Audio Bitrate</b>	64 Kbps				
<b>Sampling Rate</b>	8KHZ				

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INTELLIGENT	
<b>Smart intrusion prevention</b>	Support false alarm filtering: Cross Line detection, Intrusion detection, Enter Area detection, Leave Area detection
<b>Statistical Analysis</b>	People counting, support people flow counting and crowd density monitoring
EVENTS	
<b>Basic Detection</b>	Motion detection, Ultra motion detection, Tampering alarm, Audio detection
<b>General Function</b>	Watermark, IP address filtering, tampering alarm, alarm input, alarm output, access policy, ARP protection, RTSP authentication, user authentication
STORAGE	
<b>Edge Storage</b>	Micro SD, up to 256GB
<b>Network Storage</b>	ANR, NAS (NFS)
NETWORK	
<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 Plug-in free live view: Chrome 57.0 and above, Firefox 58.0 and above, Edge 16 and above
INTERFACE	
<b>Audio I/O</b>	1 Input: impedance 35kΩ; amplitude 2V [p-p] 1 Output: impedance 600Ω; amplitude 2V [p-p]
<b>Alarm I/O</b>	1/1
<b>Network</b>	1 RJ45 10M/100M Base-TX Ethernet
CERTIFICATIONS	
<b>Certifications</b>	CE: EN 60950-1 FCC: FCC Part 15
GENERAL	
<b>Power</b>	DC 12V ± 25%, PoE (IEEE 802.3af) Power consumption: Max 8.5W
<b>Dimensions (L × W × H)</b>	245.4 × 85.4 × 86.4mm (9.7" × 3.4" × 3.4")
<b>Net Weight</b>	0.92kg (2.03lb)
<b>Material</b>	Metal
<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>	6KV
<b>Ingress Protection</b>	IP67
<b>Reset Button</b>	N/A

## Dimensions

