

# WVIP-2AIZ-PRO-U

2MP Intelligent IR VF Motorized Network Dome Camera



## Key Features:

- High quality image with 2MP, 1/2.8"CMOS sensor
- 1080P (1920\*1080)@30/25fps; 720P (1280\*720)@30/25fps
- Ultra 265, H.265, H.264, MJPEG
- Smart intrusion detection with advanced features like line crossing, zone entry/exit, and area monitoring
- AI-driven threat detection that filters out false alarms from leaves, birds, and lights, ensuring accurate focus on people, vehicles, and non-motorized traffic
- Intelligent people counting and crowd density insights for optimized space management and enhanced safety
- Advanced technology ensures ultra-high image quality in low illumination environment
- Support 9:16 Corridor Mode
- Built-in Mic
- Smart IR, up to 40m (131ft) IR distance
- Supports 512GB Micro SD card
- IK 10 vandal resistant and IP67
- Support PoE power supply

## Specifications:

CAMERA	
<b>Sensor</b>	1/2.8", 2.0 megapixel, progressive scan, CMOS
<b>Lens</b>	2.7 ~ 13.5mm, AF automatic focusing and motorized zoom lens
<b>DORI Distance (Lens)</b>	2.7 to 13.5 mm
<b>DORI Distance (Detect)</b>	41.9 m to 209.5 m (137.5 ft. to 687.3 ft)
<b>DORI Distance (Observe)</b>	16.8 m to 83.8 m (55.1 ft. to 274.9 ft)
<b>DORI Distance (Recognize)</b>	8.4 m to 41.9 m (27.6 ft. to 137.5 ft)
<b>DORI Distance (Identify)</b>	4.2 m to 20.9 m (13.8 ft. to 68.6 ft)
<b>Angle of View (H)</b>	107.4°~ 29.2°
<b>Angle of View (V)</b>	54.2°~ 16.3°
<b>Angle of View (D)</b>	111.0°~33.1°
<b>Wide Dynamic Range</b>	Pan: 0° ~ 355°, Tilt: 0° ~ 80°, Rotate: 0° ~ 355°
<b>Shutter</b>	Auto/Manual, 1 ~ 1/100000s
<b>Minimum Illumination</b>	Color: 0.001 Lux (F1.2, 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: 2MP (1920*1080), Max 30fps; 720P (1280*720), 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>	Supported
<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

# VVIP-2AIZ-PRO-U

2MP Intelligent IR VF Motorized Network Dome Camera



INTELLIGENT	
<b>Smart Intrusion Prevention</b>	Cross line detection, intrusion detection, enter area detection, leave area detection (support false alarm filtering and the classification of human, non-motor vehicle and vehicle)
<b>People Counting</b>	Support people flow counting and crowd density monitoring
<b>Statistical Analysis</b>	N/A
EVENTS	
<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, HTTP authentication
AUDIO	
<b>Audio Compression</b>	G.711U, G.711A
<b>Audio Bitrate</b>	64 Kbps
<b>Two-way Audio</b>	Supported
<b>Suppression</b>	Supported
<b>Sampling Rate</b>	8 KHZ
STORAGE	
<b>Edge Storage</b>	Micro SD, up to 512GB
<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, RTMPSSL/TLS, SSH
<b>Compatible Integration</b>	ONVIF (Profile S, Profile G, Profile T, Profile M), API, SDK
<b>User/Host</b>	Up to 32 users. 3 user levels: administrator, common user and operator
<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
INTERFACE	
<b>Network</b>	1 * RJ45 10M/100M Base-TX Ethernet
<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>Built-in Mic</b>	Supported
GENERAL	
<b>Power</b>	DC12V±25%, PoE (IEEE802.3 af) Power consumption: Max 7.0w
<b>Dimensions (Ø x H)</b>	148.0 x 111.4mm (5.8" x 4.4")
<b>Weight</b>	0.97kg (2.14lb)
<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

