

PRO SERIES VVIP-4-Z-PRO-U

4MP Motorized Network IR Dome Camera



Key Features

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- IR anti-reflection window to increase the infrared transmittance
- 2D/3D DNR (Digital Noise Reduction)
- Ultra 265, H.265, H.264, MJPEG
- Triple streams
- ONVIF Conformance
- Wide temperature range: -35°C ~ 60°C (-31°F ~ 140°F)
- Wide voltage range of $\pm 25\%$
- IK10 vandal resistant
- 3-Axis
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CAMERA					
Sensor	1/3", 4.0 megapixel, progressive scan, CMOS				
Lens	2.8 ~ 12mm, AF automatic focusing and motorized zoom lens				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	63.0	25.2	12.6	6.3
	12	270.0	108.0	54.0	27.0
Angle of view (H)	98.26°~ 31.35°				
Angle of View (V)	54.76°~ 18.55°				
Angle of View (O)	127.74°~36.99°				
Wide Dynamic Range	Pan: 0° ~ 360°		Tilt: 0° ~ 70°	Rotate: 0° ~ 360°	
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Color: 0.003 Lux (F1.6, 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				
Frame Rate	Main Stream: 4MP (2688 x 1520), Max 30fps; 4MP (2560 x 1440), Max 30fps; 3MP (2304 x 1296), Max 30fps;1080P(1920 x 1080),Max30fps Sub Stream: 4CIF (704 x 576), Max 30fps; Third Stream: CIF (352 x 288), Max 30fps				
Video Bit Rate	128 Kbps~16 Mbps				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 2 areas				
Motion Detection	Up to 4 areas				

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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°
Dewarping	NA
HLC	Supported
BLC	Supported
AUDIO	
Audio Compression	G.711
Suppression	Supported
Sampling Rate	8KHZ
STORAGE	
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR
NETWORK	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS
Interoperability	ONVIF, SDK, CGI
Client	EZStation EZView EZLive
Web Viewer	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+, Safari 11+
INTERFACE	
Audio I/O	Input: impedance 35kΩ; amplitude 2V [p-p]
	Output: impedance 600Ω; amplitude 2V [p-p]
Alarm I/O	1/1
Network	10M/100M Base-TX Ethernet
CERTIFICATIONS	
Certifications	CE: EN 60950-1 FCC: FCC Part 15

GENERAL	
Power	DC 12V±25%, PoE (IEEE 802.3af)
	Power consumption: Max 8.7W
Dimensions (Ø x H)	128.1mm x 99.9mm (Ø5.04" x 3.93")
Net Weight	0.57kg (1.26lb)
Material	Metal + Plastic
Working Environment	-35°C ~ 60°C (-31°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Storage Environment	-35°C ~ 60°C (-31°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Surge Protection	6KV
Ingress Protection	IP67
Vandal Resistant	IK10
Reset Button	Supported

Dimensions

