PRO SERIES
VVIP-8Z-AI-PRO-U

8MP HD Illumination Tracker IR Motorized Dome Network Camera

VEILUX®
The Art of Surveillance



Key Features

- High quality image with 8MP, 1/2.8"CMOS sensor
- 8MP (3840 x 2160)@20fps; 5MP (3072 x 1728)@30/25fps
- 4MP (2560 x 1440)@30/25fps; 2MP (1920 x 1080) @30/25fps
- Ultra 265, H.265, H.264, MJPEG
- Illumination Tracker technology ensures ultra-high image quality
- 120dB true WDR technology enables clear image in strong light scene
- Support 9:16 Corridor Mode
- Built-in Mic
- Alarm: 1 in/1 out, Audio: 1 in/1 out
- Smart IR, up to 40m (131ft) IR distance
- Supports 256 G Micro SD card IK10 vandal resistant
- IK10 vandal resistant
- IP67 protection
- Support PoE power supply

CAMERA					
Sensor	1/2.8", 8.0 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	86.9	34.8	17.4	8.7
	12	372.4	149.0	74.5	37.2
Angle of View (H)	107.4°~ 29.2°				
Angle of View (V)	54.2°~ 16.3°				
Angle of View (O)	111.0°~33.1°				
Wide Dynamic Range	Pan: 0° ~ 355°	Tilt: 0° ~ 80°	Rotate:0° ~ 355°		
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Color: 0.003Lux (F1.6, AGC ON) 0Lux with IR on				
Day/Night	IR-cut filter with auto switch (ICR)				
Digital Noise Reduction	2D/3D DNR				
S/N	>56dB				
IR Range	Up to 40m (131ft) 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: 8MP (3840 x 2160), Max 20fps;5MP (3072 x 1728), Max 30fps; 4MP (2560 x 1440), Max30fps; 1080P (1920 x 1080), Max 30fps; Sub Stream: 1080P (1920 x 1080), Max 30fps;720P (1280 x 720), Max 30fps; D1 (720 x 576), Max 30fps; 640 x 360,Max 30fps; 2CIF(704 x 288), Max 30fps; CIF(352 x 288), Max 30fps; Third Stream: D1 (720 x 576), Max 30fps; 640 x 360,Max 30fps; 2CIF(704 x 288), Max 30fps; CIF(352 x 288), Max 30fps;				
Video Bit Rate	128 Kbps~16 Mbps				
OSD	Up to 8 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
IMAGE					
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2				
Smart IR	Support				
Flip	Normal/Vertical/Horizontal/180°/90°Clockwise/90°Anti-clockwise				
Dewarping	Supported				
HLC	Supported				
BLC	Supported				
AUDIO					
Audio Compression	G.711				
Suppression	Supported				
Two-way audio	Supported				
Sampling Rate	8KHZ				

Veilux Inc.
802 Greenview Dr. Ste 200, Grand Prairie TX 75050 USA
Toll Free: 1-800-510-6528 Direct: (+1) 214-635-4855 Fax: (+1) 214 988-2858
sales@veilux.net or Visit Us at www.Veilux.net

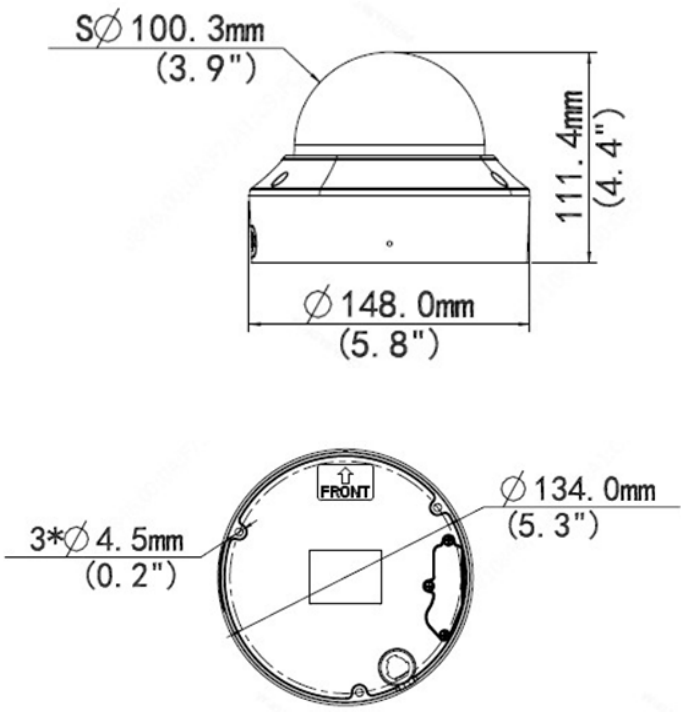
REV02032021

PRO SERIES
VVIP-8Z-AI-PRO-U

8MP HD Illumination Tracker IR Motorized Dome Network Camera

STORAGE	
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR, NAS(NFS)
NETWORK	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
Client	EZStation EZView EZLive
Web Browser	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
Built-in Mic	Supported
Network	1 RJ45 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 9.0W
Dimensions (Ø x H)	Ø 148 x 111.4mm (Ø 5.8” x 4.4”)
Net Weight	0.97kg (2.14lb)
Material	Metal + Plastic
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Strorage Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Surge Protection	2KV
Ingress Protection	IP67
Vandal Resistant	IK10
Reset Button	Supported

Dimensions



Veilux Inc.
802 Greenview Dr. Ste 200, Grand Prairie TX 75050 USA
Toll Free: 1-800-510-6528 Direct: (+1) 214-635-4855 Fax: (+1) 214 988-2858
sales@veilux.net or Visit Us at www.Veilux.net

REV02032021