

# AI-PRO SERIES VVIP-4V-IZ-40-PRO

4MP WDR IR Dome Network Camera



**VEILUX**<sup>®</sup>  
*The Art of Surveillance*



## Features:

- 4MP, 1/3" CMOS image sensor, low light, high image definition
- Outputs 4MP (2560 × 1440)@25/30 fps, Max. supports 4MP (2688 × 1520)@20 fps
- H.265 codec, high compression rate, ultra-low bit rate
- Built-in IR LED, max IR distance: 40 m
- ROI, SMART H.264/H.265, flexible coding, applicable to various bandwidth and storage environments
- Rotation mode, WDR, 3D DNR, HLC, BLC, digital watermarking, applicable to various monitoring scenes
- Intelligent detection: Intrusion, tripwire
- Abnormality detection: Motion detection, video tampering, no SD card, SD card full, SD card error, network disconnected, IP conflict, illegal access, voltage detection
- Alarm: 1 in, 1 out; audio: 1 in, 1 out; supports max. 256 GB Micro SD card
- 12V DC/PoE power support
- IP67, IK10 protection grade

## Overview:

With upgraded H.265 encoding technology, Veilux Lite series camera has achieved an efficient way of video encoding capacity, which saves bandwidth and storage space. This camera has the latest starlight technology and displays a clear image even in lowlight. It supports SD card storage, its waterproof, dust-proof, and tamper-proof, and compliant with IP67 and IK10 standards.

## Features:

### Smart(H.265+ & H.264+)

Adopting advanced algorithm of auto stream control according to the environment, Veilux smart encoding technology realizes the higher efficiency than (H.265 & H.264 ), providing high-quality video, and reducing the cost of storage and transmission

### Wide dynamic range (WDR)

Veilux adopts advanced Wide Dynamic Range (WDR) technology. You can get clear details in the environment of strong brightness contrast. In high brightness and back- light environment, bright region and dark region with strong light source, you can also get clear images.

### Starlight

Starlight technology mainly applies to low illumination situations, and can provide a clear colorful video. Even in the environment of low light, the technology can guarantee an excellent image.

### Intelligent Video Analysis (IVS)

With advanced video algorithm, our cameras support intelligent detection, such as tripwire and intrusion, etc.

### Protection (IP67, IK10, wide voltage)

IP67: The camera passes a series of strict test on dust and soak. It has dust-proof function, and the enclosure can works normal after soaking in 1 m deep water for 30 minutes.

IK10: The enclosure can stand the punch more than 5 times from a 5 kg hammer falling from a height of 40 m (Impact energy is 20J).

Wide voltage: The camera allows  $\pm 30\%$  input voltage tolerance (wide voltage range), and it is widely applied to outdoor environment with instable voltage.

## Specifications:

CAMERA	
Image Sensor	1/3" 4Megapixel progressive CMOS
Effective Pixels	2688 (H) × 1520 (V)
ROM	128 MB
RAM	128 MB
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3 s-1/100000 s
Min. Illumination	0.008 Lux @ F1.5
IR Distance	40 m (131.23 ft)
IR On/Off Control	Auto/Manual
IR LEDs Number	2
Pan/Tilt/Rotation Range	Pan: 0°-355°, Tilt: 0°-75°, Rotation: 0°-355°

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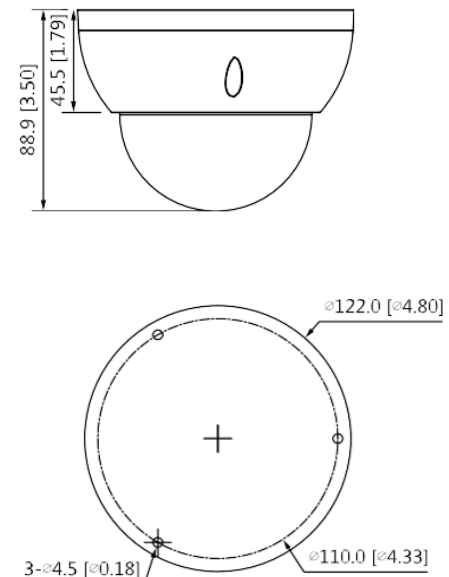


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LENS					
<b>Lens Type</b>	Motorized vari-focal				
<b>Mount Type</b>	Ø14				
<b>Focal Length</b>	2.7 mm–13.5 mm				
<b>Max. Aperture</b>	F1.5				
<b>Field of View</b>	Pan: 104°–27°, Tilt: 55°–15°, Diagonal: 124°–31°				
<b>Irises Type</b>	Fixed aperture				
<b>Close Focus Distance</b>	0.8 m–0.8 m (2.62 ft–2.62 ft)				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	W	64 m (209.97 ft)	25.6 m (83.99 ft)	12.8 m (41.99 ft)	6.4 m (21 ft)
	T	220 m (721.78 ft)	88 m (288.71 ft)	44 m (144.36 ft)	22 m (72.18 ft)
SMART EVENT					
<b>General IVS Analytics</b>	Tripwire intrusion				
VIDEO					
<b>Video Compression</b>	H.265; H.264; H.264B; MJPEG				
<b>Video Frame Rate</b>	Main stream: 2688 × 1520 (1 fps-20 fps) 2560 × 1440 (1 fps-25/30 fps) Sub stream: 704 × 576 (1 fps-25 fps) 704 × 480 (1 fps-30 fps)				
<b>Stream Capability</b>	2 streams				
<b>Resolution</b>	2688 × 1520 (2688 × 1520); 2560 × 1440 (2560 × 1440); 2304 × 1296 (2304 × 1296); 1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240)				
<b>Bit Rate Control</b>	CBR/VBR				
<b>Video Bit Rate</b>	H.264: 32 kbps–6144 kbps H.265: 12 kbps–6144 kbps				
<b>Day/Night</b>	Auto(ICR)/Color/B/W				
<b>BLC</b>	Yes				
<b>HLC</b>	Yes				
<b>WDR</b>	120 dB				
<b>White Balance</b>	Auto/natural/street lamp/outdoor/manual/regional custom				
<b>Gain Control</b>	Auto/Manual				
<b>Noise Reduction</b>	3D DNR				
<b>Motion Detection</b>	OFF/ON (4 areas, rectangular)				
<b>Region of Interest(ROI)</b>	Yes (4 areas)				
<b>Smart IR</b>	Yes				
<b>Image Rotation</b>	0°/90°/180°/270° (Supports 90°/270° with 2688 × 1520 resolution and lower.)				
<b>Mirror</b>	Yes				
<b>Privacy Masking</b>	4 areas				
AUDIO					
<b>Audio Compression</b>	G.711a; G.711Mu; G.726; AAC				
NETWORK					
<b>Network</b>	RJ-45 (10/100 Base-T)				
<b>Protocol</b>	IPv4; IPv6; HTTP; HTTPS; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; 802.1x; Bonjour				
<b>Interoperability</b>	ONVIF(Profile S/Profile G/Profile T);CGI; P2P; Milestone; Genetec				
<b>User/Host</b>	20				

<b>Edge Storage</b>	Cloud; FTP; SFTP; Micro SD Card (support max. 256 GB); NAS
<b>Browser</b>	IE <sup>®</sup> , Chrome <sup>®</sup> , Firefox <sup>®</sup>
<b>Management Software</b>	Smart PSS; DSS; DMSS
<b>Mobile Phone</b>	IOS; Android
CERTIFICATIONS	
<b>Certifications</b>	CE-LVD: EN60950-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart B
PORT	
<b>Audio Input</b>	1 channel (RCA port)
<b>Audio Output</b>	1 channel (RCA port)
<b>Alarm Input</b>	1 channel In: 5mA 5VDC
<b>Alarm Output</b>	1 channel Out: 300mA 12VDC
POWER	
<b>Power Supply</b>	12V DC/PoE (802.3af)
<b>Power Consumption</b>	< 6.5W
ENVIRONMENT	
<b>Operating Conditions</b>	-30°C to +60°C (-22°F to +140°F)/less than ≤ 95% RH
<b>Storage Temperature</b>	-40°C to +60°C (-40°F to +140°F)
<b>Protection Grade</b>	IP67, IK10
STRUCTURE	
<b>Casing</b>	Metal
<b>Dimensions</b>	Ø 122 x 88.9 (mm) / Ø 4.80" x 3.50" (in)
<b>Net Weight</b>	0.47 kg (1.04 lb)
<b>Gross Weight</b>	0.63 kg (1.39 lb)

Dimensions:



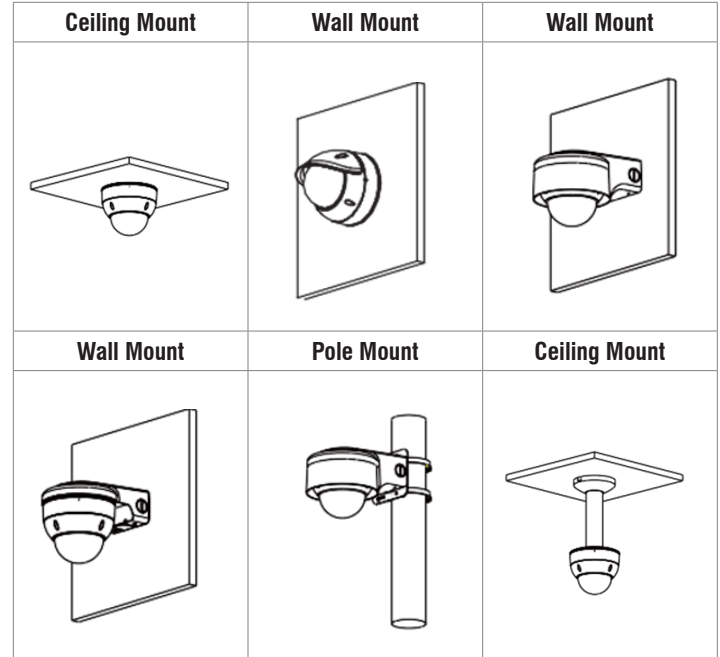
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Mounts (Optional):



Dimensions:

