VZ-IP-D4230-DARK
4 MP IR Fixed Dome Network Camera

HD | **3D DNR** | **WDR** | **SD**
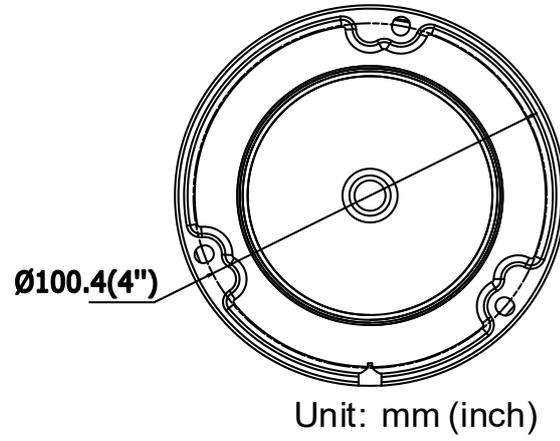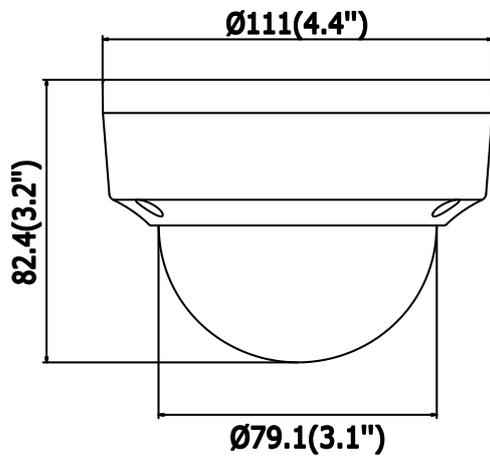
H.265 | **IP67**

Key Features

- 1/2.5" Progressive Scan CMOS
- 2560 × 1440@30 fps
- 2.8mm fixed lens
- Color: 0.009 lux @(F1.2, AGC ON), 0.016 lux @(F1.6, AGC ON), 0 lux with IR
- H.265+, H.265, H.264+, H.264
- 4 Behavior analyses
- 120dB WDR
- BLC/3D DNR/ROI
- IP67
- Built-in microSD/SDHC/SDXC card slot, up to 128 GB

Specifications

Camera	
Image Sensor	1/2.5" Progressive Scan CMOS
Min. Illumination	Color: 0.009 lux @(F1.2, AGC ON), 0.016 lux @(F1.6, AGC ON), 0 lux with IR
Shutter Speed	1/3 s ~ 1/100,000 s
Slow Shutter	Yes
Auto-Iris	No
Day & Night	IR Cut Filter
Digital Noise Reduction	3D DNR
WDR	120dB
3-Axis Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Lens	
Focal Length	2.8 mm
Aperture	F1.6
Focus	No
FOV	2.8 mm, horizontal FOV: 109°, vertical FOV: 60°, diagonal FOV: 131°
Lens Mount	M12
IR	
IR Range	Up to 30 m
Wavelength	850nm
Compression Standard	
Video Compression	Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264
H.264 Type	Main Profile/High Profile
H.264+	Yes
H.265 Type	Main Profile
H.265+	Yes
Video Bit Rate	32 Kbps to 16 Mbps
Smart Feature-set	
Behavior Analysis	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection
Exception Detection	Scene change detection
Face Detection	Yes
Region of Interest	Support 1 fixed region for main stream and sub-stream

Image

Max. Resolution	2560 × 1440
Main Stream	50Hz: 25 fps (2560 × 1440, 2304 × 1296, 1920 × 1080) 60Hz: 30 fps (2560 × 1440, 2304 × 1296, 1920 × 1080)
Sub-Stream	50Hz: 25 fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30 fps (640 × 480, 640 × 360, 320 × 240)
Third Stream	50Hz: 25 fps (1280 × 720, 640 × 360, 352 × 288) 60Hz: 30 fps (1280 × 720, 640 × 360, 352 × 240)
Image Enhancement	BLC/3D DNR
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, and white balance adjustable by client software or web browser
Target Cropping	No
SVC	H.264 and H.265 encoding support

Network

Network Storage	Support microSD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR
Alarm Trigger	Motion detection, video tampering, network disconnected, IP address conflict, illegal login, HDD full, HDD error
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
General Function	One-key reset, anti-flicker, three streams, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
Firmware Version	V5.5.5
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users / 3 levels: Administrator, Operator and User
Client	VezPro
Web Browser	IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+

Interface

Video Output	No
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
On-board storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB
Reset Button	Yes

General

Operating Conditions	-30 °C to +60 °C (-22 °F to +140 °F), humidity 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, Φ 5.5 mm coaxial plug power / PoE(802.3af, class 3)
Power Consumption / Current	12 VDC, 0.5 A, max. 5.5 W / PoE (802.3af, 36V to 57V), 0.2 A to 0.1 A, max. 7 W
Protection Level	IP67, IK10
Material	Camera body: metal, bubble: plastic
Dimensions	Camera: Φ 111 × 82.4 mm (Φ 4.4" × 3.2")
Weight	Camera: 500 g (1.1 lb.)

Dimensions

Ø111(4.4")

82.4(3.2")

Ø79.1(3.1")

Ø100.4(4")

Unit: mm (inch)