



Product at a Glance

- ▶ 2 MP and 4 MP models
- ▶ H.265/H.264 compression
- ▶ WDR
- ▶ IR LEDs (98 ft/30 m range)
- ▶ Fixed lens
- ▶ 0.1 lux low light capabilities (color)
- ▶ Triple streaming
- ▶ Smart encoding
- ▶ Video Content Analysis (VCA)
- ▶ Museum Search
- ▶ Power-over-Ethernet (PoE), 12 VDC
- ▶ Ease of installation and adjustment
- ▶ Surface mounting on wall or ceiling
- ▶ IP66 rated for outdoor environments



Overview

Vicon's V930D HD IP Turret Cameras are designed for demanding security installations. There are 1080P (2 MP) and 4 MP models with a fixed lens. The camera includes IR illuminators.

The V930D Series provides triple streaming and supports H.264/H.265 compression technology, significantly reducing file sizes and conserving valuable network bandwidth. The camera provides Smart Encoding, which monitors the amount of motion in a scene, resulting in overall savings in storage requirements and bandwidth.

The camera is designed for easy installation. Power over Ethernet (IEEE 802.3af) eliminates the need for power cables, providing a cost-effective method of installation. The camera also accepts 12 VDC. The V930D can be mounted on a wall or ceiling; its unique design provides easy adjustment for any angle of view.

The true day/night progressive scan camera also includes a removable IR cut filter for superior image quality in all lighting conditions. Wide Dynamic Range further improves picture quality by balancing the high contrast between bright and dark areas in scenes, providing one clear image.

SPECIFICATIONS

Model	V932D-IR-1	V934D-IR
Image Sensor:	1/2.9-inch progressive scan CMOS sensor	1/3-inch progressive scan CMOS sensor
Max Resolution:	1920 x 1080 (1080p)	2592 x 1520 (4 MP)
Image Settings:	Digital image effects: flip and mirror. Configurable brightness, contrast, saturation, chroma, sharpness. White balance. Electronic shutter speed. Day/night mode. Dynamic Noise Reduction (3D). Motion detection (16 programmable zones). Privacy masking (4 masks). Digital zoom. Event notification.	
Video Content Analysis	Tampering; Intelligent Video Motion Detection; Intrusion Detection; Museum Search	
Electronic Shutter Speed:	Auto (1 ~ 1/10,000 sec), manual	
Day/Night Performance:	True day/night (IR cut filter)	
Wide Dynamic Range	D-WDR	
Minimum Illumination:	Color: 0.1 lux @f/2.1; BW: 0.0 lux @f/2.1	
IR Distance:	98 ft (30 m); 15 IR LEDs	

Lenses

Focal Length:	3.6 mm
Max. Aperture:	f/2.1
Iris:	Fixed Iris
Zoom/Focus Adjust:	Fixed
Field of View:	84°

Network Video Transmission

Network:	10Base-T, 100Base-TX, RJ-45	
Image Compression:	H.264; H.265; M-JPEG	
Resolution:	1920x1080 (1080P), 1440x1080, 1280x1024, 1280x720/960 (720P), 1024x768, 704x480/576 (D1), 640x480 (VGA), 400x240, 320x240 (QVGA)	2592x1520, 2304x1296, 1920x1080 (1080P), 1440x1080, 1280x1024, 1280x720/960 (720P), 1024x768, 704x480/576 (D1), 640x480 (VGA), 400x240, 320x240 (QVGA)
Protocol:	IPv4/IPv6, TCP/IP, HTTP, HTTPS, RTSP, RTCP, RTP, DHCP, FTP, UDP, uPnP, ARP, QoS, Zeroconf, Bonjour	
Frame Rate:	30/25 fps max.	20 fps max. @ 4 MP; 30/25 fps max. @ 2 MP
Streams:	Triple streams: H.264/H.265 - 2; M-JPEG - 1	
Users:	Up to 10 users	
Web Browser:	Internet Explorer®, Chrome®, Safari®, Firefox®	
Security:	Multi-user authority, IP address filtering, HTTPS encrypted data transmission, TLS, SSL, password protection	

Mechanical and Electrical

Construction:	Aluminum housing
Camera Angle of Adjustment:	3-axis adjustment, pan, tilt and roll (azimuth). Camera mechanical tilt angle of adjustment of 70°.
Mounting:	Surface mount, wall or ceiling
Dimensions:	3.5 in. (90.1 mm) (Diam) 3.4 in. (85.1mm) (H)
Weight:	0.55 lb (250 g)

Data Sheet Number: V297-00-02
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SPECIFICATIONS

Electrical

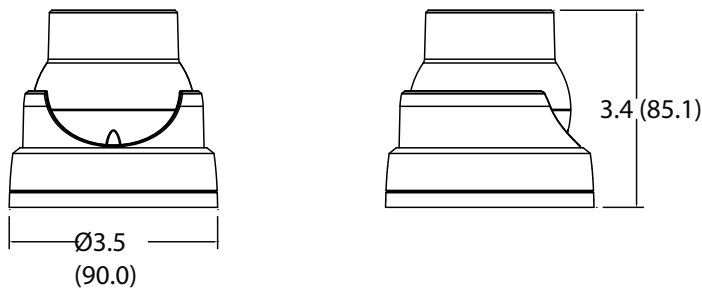
Input Power:	PoE IEEE 802.3af, 12 VDC	
Current (IR on):	PoE: 106 mA 12 VDC: 360 mA	PoE: 124 mA 12 VDC: 380 mA
Power Consumption (IR on):	PoE: 5.1 W 12 VDC: 4.3 W	PoE: 6 W 12 VDC: 4.6 W

Controls and Connectors

Connectors:	Power: standard jack for adapter; PoE/Network: RJ-45 CAT 5.
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Environmental

Operating Conditions:	Outdoor Rated Temp: 14 to 122° F (-10 to 50° C) Humidity: up to 90%, non-condensing
Approvals:	FCC Class A, CE; IP66
Warranty:	3 years



Dimension Drawing
in. (mm)

Ordering Information

Resolution	Lens	Model Number
1080p resolution (2 MP)	3.6 mm fixed	V932D-IR-1
4 MP	3.6 mm fixed	V934D-IR
Mounting Accessories	Backbox for ease of cabling	VCAM-BOX
	Allows camera to mount to a 4x4 electrical box	VCAM-ADAPT

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