V905-CUBE HD Mini-Cube Network Camera

- HD megapixel resolution supported
- Power over Ethernet (PoE); 5 VDC
- PIR sensor
- Illumination LED
- Built-in microphone/speaker
- Pre-recorded voice alerts
- ONVIF supported
- BLC (Backlight Compensation)
- Triple streaming
- Privacy masking

ONVIF

Overview

Vicon's V905-CUBE HD Camera is designed for indoor security installations requiring small form factor cameras. This network camera delivers crisp clear images that satisfy any installation need. The camera provides 2 megapixel resolution.

The V905-CUBE provides triple-streaming video and supports H.264 compression technology, drastically reducing file sizes and conserving valuable network bandwidth. Users can receive multiple streams simultaneously in different resolutions, frame rates and image qualities for viewing on different platforms.

Installation of the V905-CUBE is made easy and cost effective with Power over Ethernet (IEEE 802.3af), which eliminates the need for power cables. A built-in speaker and microphone provide two way audio capabilities. Additionally, pre-recorded audio messages can played directly from the camera's memory as a deterent to criminal activity.

To adapt to the low light lighting conditions in challenging indoor environments, the V905-CUBE provides a built-in light LED for superior image quality. Additionally, a PIR (Passive Infrared) motion detection sensor with configurable sensitivity provides excellent motion detection even in low light conditions. The camera includes a fixed 2.6 mm lens.

The camera is ONVIF compliant and can be used with many popular VMS systems, including ViconNet®; each VMS may support different camera functions.

Resolution	Model Number
1600x1200 pixels (2 megapixel)	V905-CUBE

Model	V905-CUBE
Image Sensor:	1/4" RGB CMOS progressive scan
Max Resolution:	2 megapixel; 1600x1200
Image Settings:	Adjustable bit rate. White balance (AWB). AE. BLC (Backlight Compensation). Motion detection (8 areas). Privacy masks. 2DNR. Flip and mirror. Configurable brightness, contrast, color, hue, sharpness. AGC. Digital zoom.
Shutter Speed:	1/20,000 ~ 1/30 sec (slow shutter 1/15, 1/8, 1/4)
S/N Ratio:	Greater than 50 dB
Minimum Illumination:	Color: 0.09 fc (1 lux, LED off); B&W: 0 fc/lux (LED on)

Lenses

Lens:	Fixed 2.6 mm; f/1.8
Angle of View:	Horizontal: 80.7°; Vertical: 58.7°; Diagonal: 103.2°

Network Video Transmission

Network:	10Base-T, 100Base-TX, RJ-45
Image Compression:	H.264 (BP/MP/HP), MPEG-4 SP, M-JPEG. Triple streaming.
Resolutions Supported:	1600x1200, 1280x1024, 720p, D1, VGA, QVGA
Protocols:	IPv4/IPv6, TCP/IP, UDP, HTTP, RTP, RTSP, DHCP, HTTPS, RTCP, FTP, QoS, uPnP, ARP, Zeroconfig, Bonjour, Hole Punching
Frame Rate:	1600x1200@15fps; 1280x1024@15fps; 720p, D1, VGA, QVGA@30fps
Users:	Live viewing for up to 10 clients
Web Browser:	Windows® Internet Explorer®, Firefox®, Safari®, Chrome®, Opera®
Alarms:	PIR and VMD Alarm Trigger: 8 ROI, user set, 10 step sensitivity. Audio Level detection. Alarm Event: Email, FTP, HTTP, TCP. Built-in LED and audio alert. Pre and Post Alarm.
Audio In/Out:	Built-in speaker and microphone. G.711 64 kbps compression. 2-way streaming.
Security:	Password Protection, IP Filtering, HTTPS, SSL, Privacy Zone

Mechanical and Electrical

Construction:	Plastic
Mounting:	Mounting hole provided on back for stand (provided)
Controls and Connectors:	Speaker/Microphone. Illumination LED (white, 1 W). PIR [16 ft (5 m); 60° (H), 20° (V)]. PoE/Network: RJ-45 CAT 5. Micro SD card slot.
Dimensions:	Height (H): 3.8 in. (97 mm); Width (W): 2.4 in. (62 mm); Depth (D): 1.5 in. (38 mm), without stand
Weight:	0.17 lb (0.075 kg)
Input Power:	PoE (IEEE 802.3af Class 0); 5 VDC
Current:	5 VDC: 0.7 A; PoE: 48 V, 0.073 A
Power Consumption:	3.5 W

Environmental

Operating Conditions:	Temp: 32 to 104° F (0 to 40° C); Humidity: up to 80%, non-condensing
Approvals:	FCC, CE
Warranty:	3 years

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