

V992D-N4

Compact Vandal-Resistant Network Dome Camera



- 1080p resolution
- Digital day/night performance
- H.264 high-profile and M-JPEG compression
- 0.63 lux @ 50 IRE
- Power-over-Ethernet (IEEE 802.3af)
- Dual streaming video



Overview

Vicon's V992D-N4 HD IP Dome Camera is designed for demanding security installations. This network camera delivers crisp clear images that satisfy any installation need. The camera provides 1080p resolution.

The V992D-N4 camera provides dual-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 V992D-N4 is made easy and cost effective with Power over Ethernet (IEEE 802.3af), which eliminates the need for power cables. Additionally, a composite output is provided for installation using a spot monitor (NTSC/PAL selectable). This compact dome fits unobtrusively in any location.

In order to adapt to the low light lighting conditions in challenging indoor environments, like restaurants or train and bust stations, the V992D-N4 provides a digital day/night feature for superior image quality around the clock. The camera includes a fixed 4.0 mm megapixel lens. The camera dome provides 3-axis adjustment for any angle of view.

The camera is ONVIF compliant and can be used with many popular VMS systems, including ViconNet®.

Resolution	Model Number
1080p resolution (2 megapixel)	V992D-N4

Model Description

Model	V992D-N4
Image Sensor:	1/2.8-inch Sony IMX-036 CMOS sensor
Max Resolution:	1080p
Image Settings:	Adjustable bit rate. Flip and mirror. Configurable brightness, contrast, color, hue, sharpness. White balance. AGC. AES. Automatic or manual day/night mode. BLC (Backlight Compensation). Digital zoom. Motion detection.
Shutter Speed:	1/4, 1/10, 1/12.5, 1/15, 1/20, 1/25, 1/30, 1/50, 1/60, 1/100, 1/120, 1/240, 1/480, 1/960, 1/1024, 1/2000 sec
Electronic Zoom:	2 ~ 10X (client software)
Day/Night Performance:	Digital Day/Night
S/N Ratio:	Greater than 50 dB
Minimum Illumination:	0.06 fc (0.63 lux) @f/3.5, 50 IRE

Lenses

Lens*:	Fixed, f=4.0 mm
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Network Video Transmission

Network:	10Base-T, 100Base-TX, RJ-45
Image Compression:	H.264 (Main Profile); M-JPEG available for 2nd stream
Resolution:	1920x1080, 1280x720, 1280x1024, 1024x768, 704x480/576, 640x480, 352x240/288, 320x240
Protocols:	IPv4, TCP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, ICMP, DHCP, DNS, DDNS, UDP, ARP
Frame Rate:	1 ~ 30 fps
Users:	Live viewing for up to 10 clients
Web Browser:	Internet Explorer® 7.0 and above, Firefox®, Chrome®, Smart Phone/PAD@V2.0
Alarms:	VMD Alarm Trigger: 4 ROI, user set, 10 step sensitivity. Alarm Event: Email, FTP, Post Alarm
Security:	Password protection

Mechanical and Electrical

Construction:	Die-cast aluminum; Trox (T20) screws; polycarbonate dome
Mounting:	Surface mount
Camera Angle of Adjustment:	3-axis adjustment, pan, tilt and roll (azimuth). 360° pan; 90° tilt; 360° rotation
Indicators, Controls and Connectors:	LEDs: status/network. Reset Button: sets factory defaults. PoE/Network: RJ-45 CAT 5. Composite output provided for installation (NTSC/PAL selectable). Focus Adjustment. Control button (for video format).
Dimensions:	Height: 2.65 in. (67.5 mm); Diameter: 4.3 in. (110 mm)
Weight:	0.8 lb (0.36 kg)
Input Power:	PoE (IEEE 802.3af Class 2)
Current:	68 mA @ 48 VDC
Power Consumption:	3.3 W

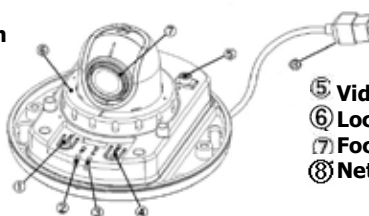
Environmental

Operating Conditions:	Temp: 32 to 104° F (0 to 40° C); Humidity: less than 90%, non-condensing
Approvals:	FCC Class A, CE
Warranty:	3 years

*The V992D dome is also available with a 2.1 mm fixed lens, model V992-N2, and a 6 mm lens, model V992-N6. Ask your Vicon Representative for details.

Data Sheet Number: V248-10-02
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Specifications subject to change without notice.

- ① Control Button
- ② Network LED
- ③ Status LED
- ④ Reset Button



- ⑤ Video output for service monitor
- ⑥ Lock nut
- ⑦ Focus adjustment
- ⑧ Network (RJ-45 PoE required)

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