V6412-N Series

Fixed Day/Night IP Minidome Camera

Infinova
The Integrator's Manufacturer

Features

- 1/3" SONY Super HAD II CCD sensor
- IR-Cut Removable (ICR) Filter for Day/Night switching
- Three Simultaneous Video Streams: Dual H.264 & Scalable M-JPEG
- ONVIF-compliant
- Bi-directional audio, G.711
- Privacy mask
- Motion detection
- 2 alarm inputs, 1 relay output
- Supports multiple ways to handle alarms, such as sending an email, FTP upload, audible alarm, relay output
- View and control cameras via Web server, Infinova V2216 and leading Network Video Management software packages
- High resolution, high S/N ratio and excellent low light sensitivity

Ordering Information

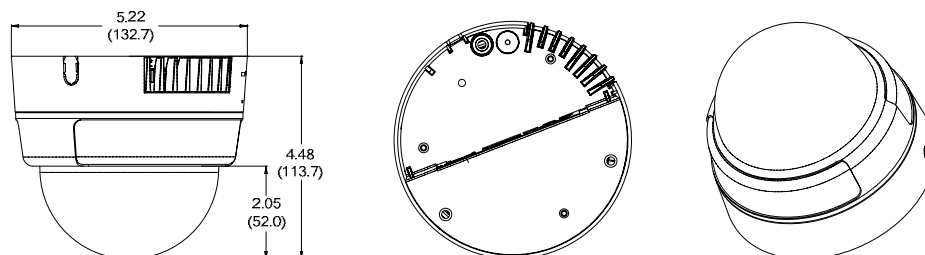|	
V6412-N5000SB	IP minidome camera, 1/3 inch CCD, 2-axis, Day/night, H.264/M-JPEG, 560TVL, NTSC, PoE/12VDC/24VAC, Surface mount, 2.5-6.0mm vari-focal lens
V6412-N5000SE	IP minidome camera, 1/3 inch CCD, 2-axis, Day/night, H.264/M-JPEG, 560TVL, NTSC, PoE/12VDC/24VAC, Surface mount, 3.3-12mm vari-focal lens
V6412-N5010SB	IP minidome camera, 1/3 inch CCD, 2-axis, Day/night, H.264/M-JPEG, 560TVL, PAL, PoE/12VDC/24VAC, Surface mount, 2.5-6.0mm vari-focal lens
V6412-N5010SE	IP minidome camera, 1/3 inch CCD, 2-axis, Day/night, H.264/M-JPEG, 560TVL, PAL, PoE/12VDC/24VAC, Surface mount, 3.3-12mm vari-focal lens

Description

Infinova's V6412-N series IP minidome cameras feature a high resolution 1/3" SONY CCD sensor and the state-of-the-art network video encoding technology. With real time image collecting system, these cameras offer evidentiary-quality image across all lighting conditions. Besides, the built-in ICR filter in the V6412-N provides automatic Day/Night functionality. High quality images with the smallest details are available even in low light conditions.

V6412-N series supports H.264 and M-JPEG compression formats, available with three simultaneous video streams. This unique design allows users to live view and record the desired videos flexibly based on the network transmission volume and saves the cost for storage.

Dimensions

5.22
(132.7)

4.48
(113.7)

2.05
(52.0)

(Unit: inch, in the parentheses is mm)

Specifications

Image Sensor	1/3" SONY Super HAD II CCD
S/N Ratio	54dB
Sensitivity	Color mode: 0.5 lux @F1.2 (30IRE, AGC ON); B/W mode: 0.01 lux @F1.2 (30IRE, AGC ON)
Auto Electronic Shutter	ON/OFF, NTSC: 1/60~1/100,000s, PAL: 1/50~1/100,000s
Lens	F1.2, f=2.5-6.0mm or F1.4, f=3.3-12mm
Camera Angle Adjustment	X (Panning): 0°~180°; Y (Tilting): 0°~180°
Video Format	NTSC/PAL
Video Compression	H.264 / M-JPEG
Frame Rate (maximum)	NTSC: 30 fps; PAL: 25 fps
Data Rate	Variable bit rate (vbr); Constant bit rate (cbr): 256Kbps~3Mbps
Audio	Audio Compression: G.711 1 Input (Linear Level, Resistance: 1000 Ohm) 1 Output (Linear Level, Resistance: 600 Ohm)
Maximum Resolution	4CIF @H.264/M-JPEG
Optional Resolutions	Major stream: NTSC: 4CIF (704×480)/2CIF(704×240)/CIF(352×240)/QCIF(176×120); PAL: 4CIF (704×576)/2CIF(704×288)/CIF(352×288)/QCIF(176×144) Minor stream: NTSC: CIF(352×240)/QCIF(176×120); PAL: CIF(352×288)/QCIF(176×144)
Motion Detection	Available
Privacy Mask	Available
Password Protection	Available
Network Port	1 RJ45 10/100M self-adaptive Ethernet port
Applicable Protocols	TCP/IP, HTTP, ICMP, DHCP, UDP, SMTP, RTP, RTSP, SNMP, ARP, IGMP
Alarm	2 alarm input, 1 relay output
Upgrade Online	Available
Power Supply	PoE IEEE 802.3af Class 2/12VDC/24VAC
Power Consumption	PoE: 5.5W; 12VDC: 5.3W; 24VAC: 5W
Operating Temperature	14°F ~ 122°F (-10°C ~ 50°C)
Storage Temperature	-4° F ~ 140° F (-20° C ~ 60° C)
Operating Humidity	0~90% RH (non-condensing)
Unit Dimensions (H×Ø)	4.48"×5.22" (113.7mm×132.7mm)
Unit Weight	1.10lbs. (0.50kg)
Shipping Weight	1.54lbs. (0.70kg)
Compliance	CE, FCC, ISO 9001: 2008