V6822-G Series

Megapixel Low Light Day/Night IP Minidome Camera

Infinova®
The Integrator's Manufacturer

Features

- 1/2.7" progressive scan CMOS sensor
- IR-Cut Removable (ICR) Filter for Day/Night switching
- Sensitivity: 0.01 lux
- High-resolution image signal output: up to 1920×1080@25fps or 1280×960@25fps
- Three Simultaneous Video Streams: Dual H.264 & Scalable M-JPEG
- ONVIF-compliant
- Bi-directional audio, G.711
- Motion detection
- Privacy mask
- Local PC Recording
- Supports three exposure modes: programmed mode, manual mode and shutter mode
- 1 alarm input, 1 relay output
- Supports multiple ways to handle alarms, such as sending an email, FTP upload, audio alarm and relay output
- Supports simultaneous multi-user access and parameters configuration via Web Server
- Compatible with Infinova's V2216 network video management software, easily incorporated with other video surveillance software
- Provides standard SDK, easily incorporated with the digital surveillance system of other brands

Ordering Information

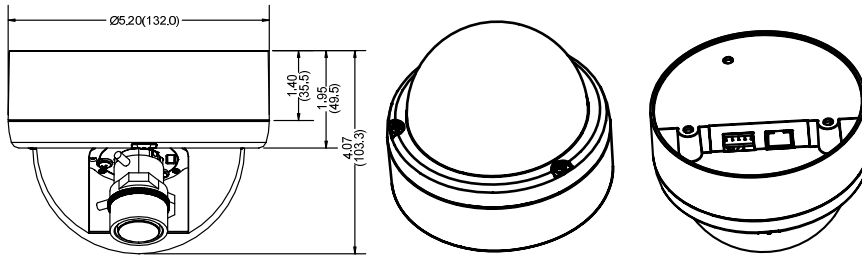|	
V6822-G0020SF	Megapixel IP minidome camera, Vandal-resistant, 3-axis, Day/night, 1/2.7 inch CMOS sensor, H.264/M-JPEG, 1.3 Mpx, PoE/12VDC/24VAC, Surface mount, 3.0-9.0mm vari-focal lens
V6822-G0220SF	Megapixel IP minidome camera, Vandal-resistant, 3-axis, Day/night, 1/2.7 inch CMOS sensor, H.264/M-JPEG, 2.0 Mpx, PoE/12VDC/24VAC, Surface mount, 3.0-9.0mm vari-focal lens

ACCESSORIES
Power Supplies

N3921-24A-1	Power Supply, 24VAC, 20VA, Plug-In, 120VAC
N3921-24A-2	Power Supply, 24VAC, 20VA, Plug-In, 230VAC
N3928 Series	Power Supply, 24VAC with 4, 8 or 16 Outputs

Description

Infinova's self-developed V6822-G series megapixel IP minidome camera features 1/2.7" progressive scan CMOS sensor, built-in 3.0-9.0mm vari-focal lens and H.264 High profile/ M-JPEG video compression formats, which can output real-time image with resolution up to 1920×1080@25fps or 1280×960@25fps.

V6822-G series supports motion detection functions, which are able to link with alarm to store and snapshoot images. Privacy mask can protect certain private area from being seen by operator. Power over Ethernet (PoE) greatly simplifies transmission cable.

V6822-G series minidome camera is suitable for financial institutions, telecommunications, governments, schools, airports, factories, hotels, museums, city streets and other high-resolution surveillance applications.

Dimensions

(Unit: inch, in the parentheses is mm)

Specifications

Model	V6822-G00	V6822-G02
Image Sensor	1/2.7" progressive scan CMOS	
Dynamic Range	69dB	
S/N Ratio	50dB	
Lens	F1.2, f=3.0-9.0mm	
Camera Angle Adjustment	X (Panning): 0°~340°; Y (Tilting): 0°~80°; Z (Rotating): 0°~340°	
Day/Night Functionality	ICR	
Sensitivity	Color mode: 0.1 lux@F1.2(30IRE, AGC ON); B/W mode: 0.01 lux@F1.2(30IRE, AGC ON)	
Exposure	Manual mode, programmed mode, shutter mode	
Shutter	Auto/Manual (1/25s~1/8000s)	
White Balance	Auto/Cloudy/Sunny/Fluorescent/Tungsten/Sunup	
Gain Control	Auto/Manual	
Video Compression	H.264 High profile / M-JPEG	
Maximum Resolution	1280×960 @ H.264 / M-JPEG	1920×1080@H.264/M-JPEG
Optional Resolution	Major stream: 1280×960, 1280×720; Minor stream: 720×576, 720×480, CIF	Major stream: 1920×1080, 1280×1024, 1280×960, 1280×720; Minor stream: 720×576, 720×480, CIF
Maximum Frame Rate	25fps @ 1280×960	25fps@1920×1080
Data Rate	Constant bit rate: 96Kbps ~ 6Mbps	Constant bit rate: 96Kbps ~ 8Mbps
Audio	Audio Compression: G.711; 1 input (Linear level, Resistance: 1000 Ohm), 1 output (Linear level, Resistance: 600 Ohm)	
Motion Detection	Up to 4 areas	
Privacy Mask	Up to 4 masks	
Local PC Recording	Available	
Upgrade Online	Available	
Password Protection	Available	
Alarm	1 alarm input, 1 relay output	
Network Port	1 RJ45 10/100M self-adaptive Ethernet port	
Applicable Protocols	TCP/IP, HTTP, ICMP, UDP, SMTP, RTP, RTSP, SNMP, ARP, DHCP	
Power Supply	PoE IEEE 802.3af Class 2/12VDC/24VAC	
Power Consumption	＜6W	
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)	4.07"×5.20" (103.3mm×132mm)	
Unit Weight	1.76lbs. (0.80kg)	
Shipping Weight	2.31lbs. (1.05kg)	
Certifications	CE/EMC: EN 55022, EN 55024, EN 61000-3-2, EN 61000-3-3,(Certificate No: BCT12IR-1596E); FCC: Part15 Subpart B (Certificate No: BCT12IR-1597E); ISO 9001:2008	