

V6812-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 1920x1080@25fps or 1280x960@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
- 2 alarm inputs, 1 relay output
- Supports multiple ways to handle alarms, such as sending an email, FTP upload and relay output
- Supports simultaneous multi-user access and parameters configuration via Web Server
- Provides standard SDK, easily incorporated with the digital surveillance system of other brands
- Provides analog video debug port



Description

Infinova's V6812-G series megapixel IP minidome camera features 2-axis adjustment structure. Utilizing 1/2.7" progressive scan CMOS sensor and H.264 High profile / M-JPEG video compression formats, this series can output real-time image with resolution up to 1920x1080 @ 25fps or 1280x960 @ 25fps.

V6812-G series supports three simultaneous video streams. It features bi-directional audio with G.711 compression. Besides, the built-in ICR filter provides automatic Day/Night functionality. High quality images with the smallest details are available even in low light conditions. With features such as motion detection, privacy mask, alarm input/output and local PC recording, the V6812-G is an extremely versatile solution for high quality viewing and reliable recording throughout the day.

V6812-G series minidome camera is suitable for financial institutions, telecommunications, governments, schools, airports, factories, hotels, museums, city streets and other high-resolution surveillance applications.

Ordering Information

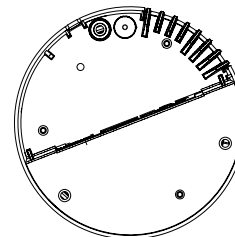
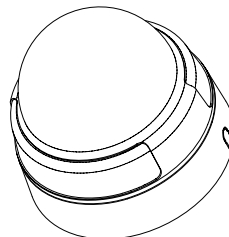
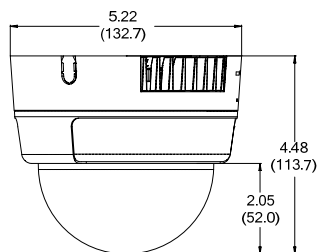
V6812-G0020SF	Megapixel IP minidome camera, 2-axis, Day/night, 1/2.7 inch CMOS sensor, H.264/M-JPEG, 1.3 Mpx, PoE/12VDC/24VAC, Surface mount, 3.0-9.0mm vari-focal lens
V6812-G0220SF	Megapixel IP minidome camera, 2-axis, Day/night, 1/2.7 inch CMOS sensor, H.264/M-JPEG, 2.0 Mpx, PoE/12VDC/24VAC, Surface 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

Dimensions



(Unit: inch, in the parentheses is mm)

Specifications

Model	V6812-G02	V6812-G00
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°~180°; Y (Tilting): -90°~90°	
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	1920×1080 @ H.264 / M-JPEG	1280×960@H.264/M-JPEG
Optional Resolution	Major stream: 1920×1080,1280×1024, 1280×960, 1280×720; Minor stream: 720×576,720×480,CIF	Major stream: 1280×960, 1280×720; Minor stream: 720×576, 720×480, CIF
Maximum Frame Rate	25fps@1920×1080	25fps@1280×960
Data Rate	Constant bit rate: 96Kbps ~ 8Mbps	Constant bit rate: 96Kbps ~ 6Mbps
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	
Network Port	1 RJ45 10/100M self-adaptive Ethernet port	
Applicable Protocols	TCP/IP, HTTP, ICMP, DHCP, UDP, SMTP, RTP, RTSP, SNMP, ARP	
Alarm	2 alarm inputs, 1 relay output	
Power Supply	PoE IEEE 802.3af Class 2/12VDC/24VAC	
Power Consumption	<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)	
Certifications	CE/EMC: EN 55022, EN 55024, EN 61000-3-2, EN 61000-3-3,(Certificate No: BCT12IR-1594E); FCC: Part15 Subpart B (Certificate No: BCT12IR-1595E); ISO 9001:2008	