GV-CB220   2MP H.264 Cube IP Camera

- 1/2.5'' Progressive Scan CMOS
- Dual streams from H.264 and MJPEG
- Up to 30 fps at 1920 x 1080
- Two-way Audio
- Built-in micro SD card slot (SD/SDHC) for local storage
- Wide Dynamic Range (WDR)
- Defog
- Motion detection
- Tampering alarm
- Privacy mask
- IP address filtering
- Megapixel lens
- Supports iPhone, iPad, Android & 3GPP
- 31 languages on Web interface
- ONVIF (Profile S) conformant

*No Memory Card Slot & local storage function for Argentina.

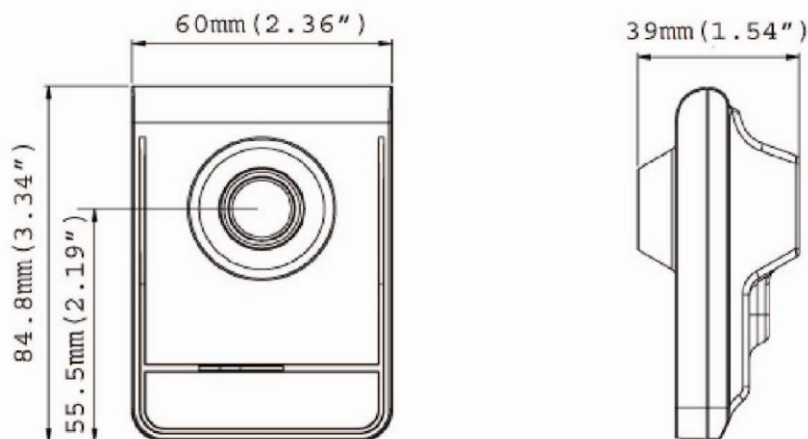**Active Tampering Alarm**

Tampered	Focus Change	Camera Shift

Dimensions

- 1 -

Specifications

Camera		
Image Sensor		1/2.5" progressive scan CMOS"
Picture Elements		1920 (H) x 1080 (V)
Minimum Illumination	Color	0.15 Lux
	B/W	0.10 Lux
Shutter Speed		Automatic, Manual (1/5 ~ 1/8000 sec.)
White Balance		Automatic, Manual (2800K ~ 8500K)
Gain Control		Automatic
S/N Ratio		45 dB
BLC		Yes

Lens		
Megapixel		Yes
Day/Night		Yes (electronic)
Lens Type		Fixed
Focal Length		3.35 mm
Max Aperture		F/2.4
Mount		M12 mm
Image Format		1/3""
Operation	Focus	Fixed
	Zoom	
	Iris	

Operation		
Video Compression		H.264, MJPEG
Video Stream		Dual streams from H.264 and MJPEG
Frame Rate		30 fps at 1920 x 1080 * The frame rate and the performance may vary depending on the number of connections and data bitrates (different scenes).
Image Setting		Brightness, Contrast, Saturation, Sharpness, Gamma, White Balance, Flicker-less, Image Orientation, Shutter Speed, Backlight Compensation
Audio Compression		G.711
Two-way Audio		Yes

Video Resolution		
Main Stream	4:3	1600 x 1200, 1280 x 960, 640 x 480, 320 x 240
	16:9	1920 x 1080, 1280 x 720, 640 x 360, 448 x 252
	5:4	1280 x 1024, 640 x 512, 320 x 256
Sub Stream	4:3	640 x 480, 320 x 240
	16:9	640 x 360, 448 x 252
	5:4	640 x 512, 320 x 256

Network		
Interface		10/100 Ethernet
Ethernet Protocol		HTTP, HTTPS, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, 3GPP/ISMA, RTSP, PSIA, SNMP, QoS (DSCP), ONVIF (Profile S)

Mechanical		
Temperature Detector		No
Connectors	Power	DC Jack
	Ethernet	Ethernet (10/100 Base-T), RJ-45
	Audio	Built-in speaker & microphone
	Local Storage	Micro SD card slot (SD/SDHC, SD version 2.0 only, Class 10) *SDXC and UHS-I card types are not supported.
LED Indicator		2 LEDs: Status, LAN

General		
Environment Temperature		0 °C ~ 50 °C (32 °F ~ 122 °F)
Humidity		10% to 90% (no condensation)
Power Source		5V
Max. Power Consumption		3.2 W
Dimensions		60 x 84.8 x 39 mm (2.36 x 3.34 x 1.54")
Weight		80 g (0.18 lb)
Regulatory		CE, FCC, C-Tick, RoHS compliant

Web Interface	
Installation Management	Web-based configuration
Maintenance	Firmware upgrade through Web Browser or Utility
Access from Web Browser	Camera Live View, Video Recording, Change Video Quality, Bandwidth Control, Image Snapshot, Audio, Picture in Picture, Picture and Picture, Privacy Mask, Tampering Alarm, Text Overlay, Digital PTZ
Language	Arabic / Bulgarian / Czech / Danish / Dutch / English / Finnish / French / German / Greek / Hebrew / Hungarian / Indonesian / Italian /Japanese / Lithuanian / Norwegian / Persian / Polish / Portuguese / Romanian / Russian / Serbian / Simplified Chinese / Slovakian / Slovenian / Spanish / Swedish / Thai / Traditional Chinese / Turkish
Applications	
Network Storage	GV-NVR, GV-System, GV-Backup Center, GV-Recording Server
Smart Device Access	GV-Eye for Android smartphone, tablet, iPhone, and iPod Touch GV-Eye HD for iPad
Live Viewing	IE, mobile phone
CMS Server support	GV-Control Center, GV-Center V2, GV-VSM

Note: Specifications are subject to change without notice.

Packing List

1. Cube Camera
2. Supporting Rack
3. Screw x 3
4. Screw Anchor x 3
5. GV-IPCAM H.264 Quick Start Guide
6. GV-IPCAM H.264 Software CD
7. GV-NVR Quick Start Guide
8. GV-NVR Software DVD

Accessories

Name	Details
Power Adapter	Power adapters are available in 4 regions: U.S.A., Australia, U.K and Europe.