

GV-CBW220 2MP H.264 Wireless Cube IP Camera



- 1/2.5" Progressive Scan CMOS
 - Stream 1 from H.264 and MJPEG;
Stream 2 from H.264, MPEG4 and MJPEG
 - Up to 30 fps at 1920 x 1080
 - Wireless connectivity: WiFi 802.11/b/g/n
 - Built-in speaker and microphone
 - Micro SD/SDHC Card Slot
 - G.711 and AAC audio codec
 - Motion detection
 - Tampering alarm
 - Privacy mask
 - IP address filtering
 - Megapixel lens
 - Supports iPhone, iPad, Android & 3GPP
 - 28 languages on Web interface
- * No SD/SDHC card slot & local storage function for Argentina.

Active Tampering Alarm

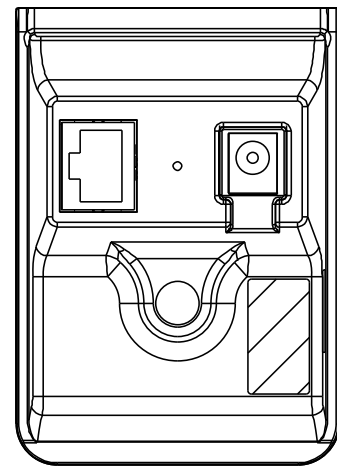
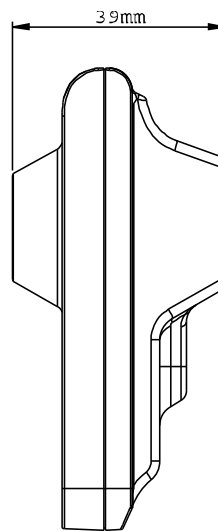
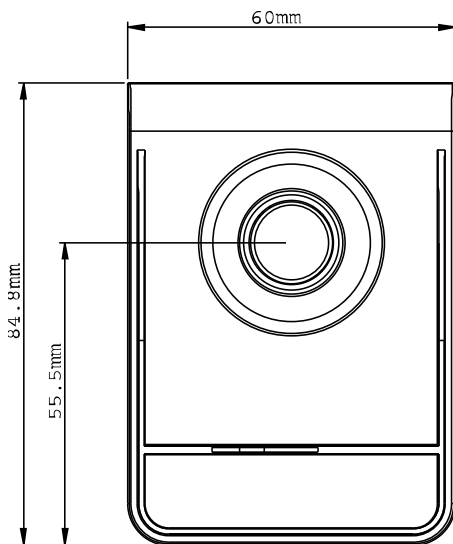
Tampered



Focus Change



Camera Shift



SPECIFICATIONS

| Camera | | |
|----------------------|-------|--------------------------------------|
| Image Sensor | | 1/2.5" progressive scan CMOS |
| Picture Elements | | 1920 (H) x 1080 (V) |
| Minimum Illumination | Color | 1 Lux (1/30 sec), 0.5 Lux (1/5 sec) |
| Shutter Speed | | Automatic, Manual (1/5 ~ 1/8000 sec) |
| White Balance | | Automatic, Manual (2800K ~ 8500K) |
| Gain Control | | Automatic |
| S/N Ratio | | 45 dB |
| 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" | |
| Field of view | Diagonal | 142° |
| | Horizontal | 131° |
| | Vertical | 112° |
| Operation | Focus | No |
| | Zoom | No |
| | Iris | Fixed |

Operation

| | |
|-------------------|---|
| Video Compression | H.264, MPEG4, MJPEG |
| Video Stream | Stream 1 from H.264 and MJPEG Stream 2 from H.264, MPEG4 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, AAC (16 kHz / 16 bit) * AAC is only supported by GV-System V8.5 or later |

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) |
| Wireless LAN | IEEE 802.11 b/g/n |
| Antenna Type | Built-in |
| Security | WEP, WPA-PSK(TKIP), WPA-PSK(AES), WPA2-PSK(TKIP), WPA2-PSK(AES) |

Mechanical

| | | |
|----------------------|---------------------|--|
| Lens Mounting | M12 mm | |
| Temperature Detector | Yes | |
| Connectors | Power | DC Jack |
| | Ethernet | Ethernet (10/100 Base-T), RJ-45 |
| | Audio | Built-in speaker & microphone |
| | Local Storage | Micro SD/SDHC memory card slot (for Class 6 card or above) |
| LED Indicator | 2 LEDs: Status, LAN | |

General

| | |
|------------------------|---------------------------------|
| Operating Temperature | 0 °C ~ 40 °C / 32 °F ~ 104 °F |
| Humidity | 10% to 90% (no condensation) |
| Power Source | 5V DC |
| Max. Power Consumption | 3.2 W |
| Weight | 70 g / 0.15 lb |
| Operating Temperature | 0 °C ~ 40 °C / 32 °F ~ 104 °F |
| Regulatory | CE, FCC, C-Tick, RoHS compliant |

Web Interface

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|-------------------------|--|
| 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, Wide Angle Lens Dewarping, Picture in Picture, Picture and Picture, Privacy Mask, Tampering Alarm, Text Overlay |
| Language | Czech / Danish / English / French / German / Hebrew / Hungarian / Italian / Japanese / Polish / Portuguese / Russian / Serbian / Simplified Chinese / Spanish / Traditional Chinese * Bulgarian, Dutch, Greek, Indonesian, Lithuanian, Norwegian, Persian, Romanian, Slovakian, Slovenian, Thai and Turkish are only supported in V1.07 or later. |

Applications

| | |
|----------------------|--|
| Network Storage | GV-NVR, GV-System, GV-Backup Center, GV-Recording Server |
| Mobile Phone support | GV-AView for Android Smartphone, GV-Eye HD for iPad, GV-Eye for iPhone and iPod Touch, GV-GView for Windows PDA, GV-MSView for Windows Smartphone, GV-SSView for Symbian Smartphone, 3G-enabled phone. |
| Live Viewing | IE , GV-MultiView |
| CMS Server support | GV-Control Center, GV-Center V2, GV-VSM |

- Note:**
1. The signal range and data throughput may vary depending on the network conditions and environmental factors.
 2. Specifications are subject to change without notice.