

GV-HCW120



Key Features

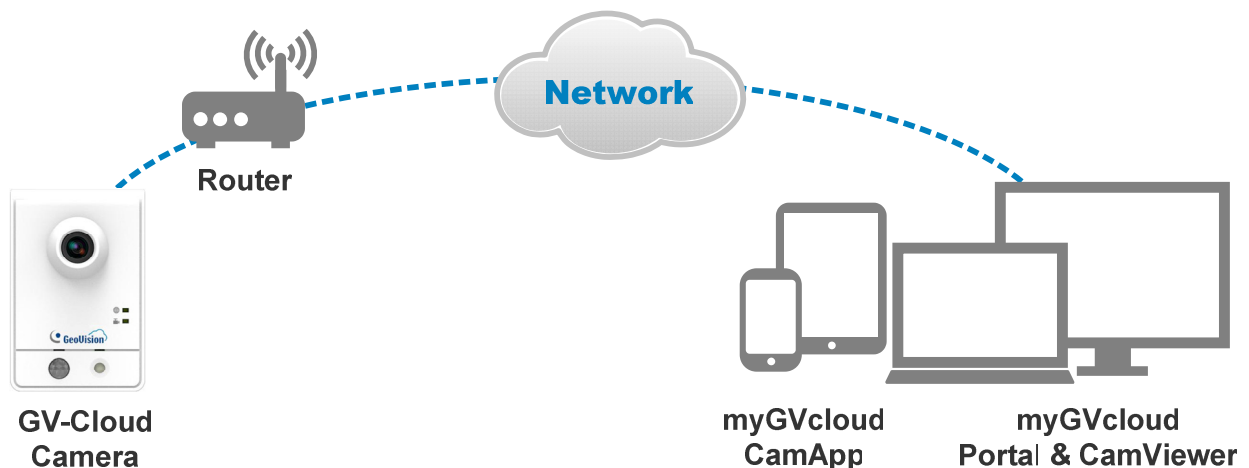
- 1/2.5" progressive scan CMOS
- Up to 30 fps at 1280 x 720
- Cloud storage
- YouTube live streaming
- Passive infrared (PIR) sensor for detecting movement and activating the alarm LED in low light
- Wireless connectivity: WiFi 802.11b/g/n
- Two-way audio
- Defog
- Tampering alarm
- Wide Dynamic Range (WDR)
- Dual streams in H.264
- Recording upon motion detection
- Built-in micro SD card slot (SD/SDHC) for local storage

Introduction

GV-Cloud Camera is a series of light-weight, easy-to-install network cameras designed for small businesses. When motion is detected, the camera saves the surveillance videos in the micro SD card, which can be stored in GeoVision's cloud storage.

There are three ways to remotely access GV-Cloud Cameras from your PC and mobile devices. You can watch live view and play back recordings of multiple GV-Cloud Cameras.

- **myGVcloud Portal:** Log in www.mygvcloud.com using Web browsers on PC
- **myGVcloud CamViewer:** Install myGVcloud CamViewer on PC
- **myGVcloud CamApp:** Install myGVcloud CamAPP on Android or iOS mobile devices



Overview



Specifications

Camera		
Image Sensor	1/2.5" progressive scan CMOS	
Picture Elements	1280 (H) x 720 (V)	
Minimum Illumination	Color	0.15 Lux
	B/W	0.10 Lux
	IR On	NA
Gain Control	Automatic	
S/N Ratio	45 db	
WDR	Yes	
Dynamic Range	Up to 70 dB	
Shutter Speed	Automatic, Manual (1/5, 1/15, 1/30, 1/60)	
White Balance	Automatic, Manual (2800K ~ 8500K)	
Optics Lens		
Megapixel	Yes	
Day / Night Function	Yes (Electronic)	
Lens Type	Fixed	
Focal Length	3.35 mm	
Maximum Aperture	F/2.4	
Mount	M12	
Horizontal FOV	67°	
Image Format	1/2.5"	
Operation (Focus / Zoom / Iris)	Fixed	
Operation		
Video Compression	H.264	
Video Streaming	Dual streams from H.264	
Frame Rate	30 fps at 1280 x 720	
Image Setting	myGVcloud Portal	Sharpness, D/N Sensitivity, White Balance, Flicker-less, Image Orientation, Shutter Speed, Wide Dynamic Range (WDR), Defog
	Camera Web Interface	D/N Sensitivity, Backlight Compensation
Audio Support	Two-Way Audio	
Audio Compression	AAC (16 kHz / 16 bit)	
Network		
Interface	10/100 Ethernet	
Protocol	HTTP, HTTPS, TCP, UDP, DHCP, NTP, UPnP, RTSP	
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)	
Note: The signal range and data throughput may vary depending on the network conditions and environmental factors.		

Mechanical		
Connectors	Power	DC Jack 5V
	Ethernet	Ethernet (10/100 Base-T), RJ-45 Connector
	Audio	Built-in microphone and speaker
	Local Storage	Micro SD card slot (SD / SDHC, SD version 2.0 only, Class 10)
	PIR Sensor	Built-in PIR sensor
	WPS Function	WPS button
	Digital I/O	N/A
LED Indicators	4 LEDs: Live View / Ready / Internet / Recording	
White Illumination LED	Yes	
Max. PIR / White Illumination LED Distance	5 m (16.4 ft)	
Note: SDXC and UHS1 card types are not supported.		
General		
Environment Temperature	0°C ~ 50°C (32 °F ~ 122 °F)	
Humidity	10% to 90% (no condensation)	
Power Source	5V DC	
Maximum Power Consumption	6.67 W	
Regulatory	CE, FCC, RCM, RoHS compliant	
Dimensions (L x W x H)	65.8 x 99.8 x 39 mm (2.59 x 3.93 x 1.54 in) (Without mounting base and cover)	
Weight	100 g (0.22 lb)	
Applications		
Application Installation	myGVcloud CamWizard	
Access from Web Browser using myGVcloud Portal	Camera live view, video recording, change video resolution, image snapshot, motion detection, tampering alarm, timeline playback from cloud storage, firmware upgrade, Picture -in-Picture, Picture-and-Picture, Cloud Service, YouTube live streaming	
Live Viewing	myGVcloud Portal, myGVcloud CamViewer, myGVcloud CamApp	
Storage Management	Cloud storage through myGVcloud Portal	
Firmware Upgrade	Through myGVcloud Portal or camera Web interface	
Mobile Phone Support	myGVcloud CamApp for iOS and Android devices	
Language	English / Traditional Chinese / Russian / Japanese	

Note:

- Specifications are subject to change without notice.
- Do not use clothes or any ordinary material to clean the camera cover since they may result in scratches.
- Mind the following when using an inserted memory card for recording:
 - Recorded data on the memory card can be damaged or lost if the data are accessed while the camera is under physical shock, power interruption, memory card detachment, or when the memory card reaches the end of its lifespan. No guarantee is provided for such causes.
 - The stored data can be lost if the memory card is not accessed for a long period of time. Back up your data periodically if you seldom access the memory card.
 - Memory cards are expendable and their durability varies according to the conditions of the installed site and how they are used. Back up your data regularly and replace the memory card annually.
 - Replace the memory card when its read/write speed is lower than 6 MB/s or when the memory card is frequently undetected by the camera.
 - Use Micro SD card of MLC NAND flash, Class 10 for better performance.

Packing List

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|---------------------|---|
| 1. GV-HCW120 | 5. DC 5V Power Adaptor |
| 2. Supporting Rack | 6. Ethernet Cable |
| 3. Screw x 3 | 7. 8 GB Micro SD Card (MLC, SDHC, Class 10) |
| 4. Screw Anchor x 3 | 8. myGVcloud Quick Start Guide |

Note: The micro SD card is provided as a complimentary item without warranty.