

## GV-MFDC1501



### Key Features

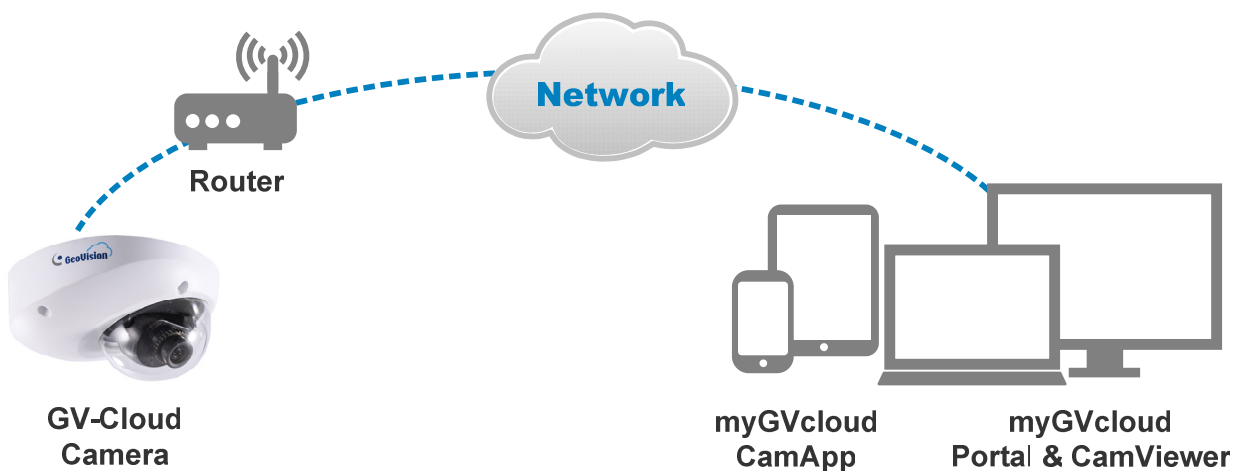
- 1/3" progressive scan super low lux CMOS
- Up to 30 fps at 1280 x 720
- Cloud storage
- YouTube live streaming
- 2-axis mechanism: Pan -45° ~ 45°, Tilt 0° ~ 90°
- DC 5V / PoE (IEEE 802.3af)
- Two-way audio
- Defog
- 3D DNR (Digital Noise Reduction)
- Tampering alarm
- Min. illumination at 0.01 Lux
- 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](http://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

<b>Camera</b>		
Image Sensor		1/3" progressive scan super low lux CMOS
Picture Elements		1280 (H) x 720 (V)
Minimum Illumination	Color	0.01 Lux
	B/W	
Gain Control		Automatic
S/N Ratio		55 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)
<b>Optics Lens</b>		
Megapixel		Yes
Day / Night Function		Yes (Electronic)
Lens Type		Fixed
Focal Length		2.8 mm
Maximum Aperture		F/2.0
Mount		M12
Horizontal FOV		87°
Image Format		1/3"
Operation (Focus / Zoom / Iris)		Fixed
<b>Operation</b>		
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, Shutter Speed, Super Low Lux
	Camera Web Interface	D/N Sensitivity, Backlight Compensation
Audio Support		Two-Way Audio
Audio Compression		AAC (16 kHz / 16 bit)
<b>Network</b>		
Interface		10/100 Ethernet
Protocol		HTTP, HTTPS, TCP, UDP, DHCP, NTP, UPnP, RTSP
<b>Note:</b> The signal range and data throughput may vary depending on the network conditions and environmental factors.		
<b>Mechanical</b>		
Temperature Detector		Yes
Camera Angle Adjustment	Pan	-45° ~ 45°
	Tilt	0° ~ 90°
Connectors	Power	2-pin terminal block, PoE
	Ethernet	Ethernet (10/100 Base-T), RJ-45 Connector
	Audio	1 In (Built-in microphone) 1 Out (RCA female for speaker)
	Local Storage	Micro SD card slot (SD / SDHC, SD version 2.0 only, Class 10)
LED Indicators		4 LEDs: Link / ACT / Power / Status
<b>Note:</b> SXHC and USH1 card types are not supported.		

General	
Environment Temperature	0°C ~ 50°C (32 °F ~ 122 °F)
Humidity	10% ~ 90% (no condensation)
Power Source	5V DC / PoE (IEEE 802.3af)
Maximum Power Consumption	6 W
Regulatory	CE, FCC, RCM, RoHS compliant
Dimensions (L x W x H)	Ø 106 x 53.9 mm (4.2 x 2.1")
Weight	280 g (0.62 lb)
Power over Ethernet	
PoE Standard	PoE (IEEE 802.3af Power over Ethernet / PD)
PoE Power Supply Type	End-Span
PoE Power Output	Per Port 48V DC, 350mA. Max. 15.4 watts
Applications	
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**

- |                           |  |
|---------------------------|--|
| 1. GV-MFDC1501            | 7. Audio cable                               |
| 2. Torx Wrench            | 8. DC 5V Power adapter                       |
| 3. Self Tapping Screw x 2 | 9. Ethernet cable                            |
| 4. Screw Anchor x 2       | 10. 8 GB micro SD card (MLC, SDHC, Class 10) |
| 5. Cable stopper          | 11. myGVcloud Quick Start Guide              |
| 6. Short-Body RJ-45 Plug  |  |

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