

GV-PTZ010D 10x D1 H.264 PTZ IP Camera



- 1/4" CCD image sensor
- Dual streams from H.264, MJPEG and MPEG4
- Electronic Day/Night function
- Up to 30 fps at 704 x 480
- Up to 25 fps at 704 x 576
- 10x optical zoom lens
- 10x digital zoom
- Pan and tilt (Pan: -175° ~ 175° ; Tilt: -45° ~ 90°)
- Built-in / external microphone
- 2-way audio
- One sensor input and alarm output
- Built-in micro SD card slot (SD/SDHC) for local storage
- Recording assigned by GV-Edge Recording Manager ([Windows](#), [Mac](#) version)
- Input-triggered Preset points
- Motion Detection
- Privacy mask
- IP address filtering
- DC 12 V / AC 24 V / PoE (IEEE 802.3af)
- Supports iPhone, iPad, Android & 3GPP
- 28 languages on Web interface
- More storage option – [NAS](#)

* No SD/SDHC card slot & local storage function for Argentina.

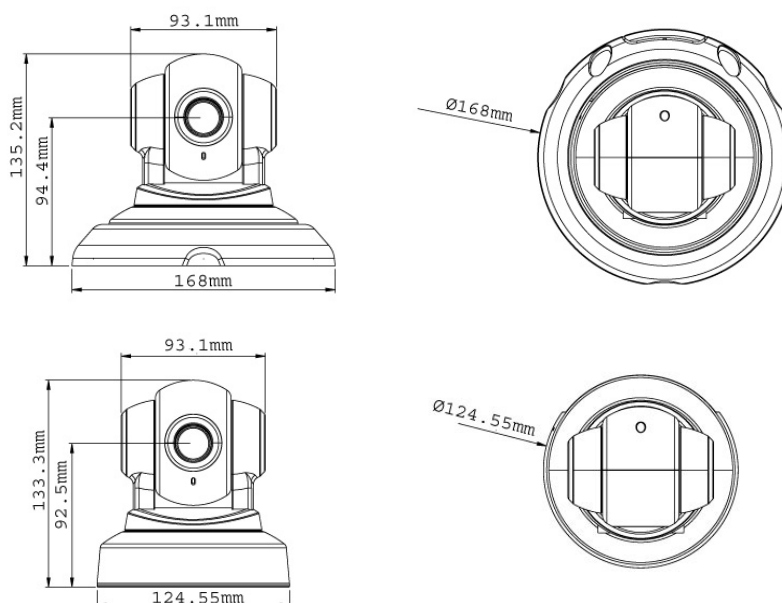
Introduction

The GV-PTZ010D camera is a ceiling-mount device that provides panning, tilting and zooming functions. The camera is designed to monitor a wide area and also to focus on a specific part on the live view when suspicious events occur. There are two models:

Models

Model	Model No.	Description
GV-PTZ010D	GV-PTZ010D-N	NTSC, IPCAM, 10x Optical Zoom, D1, H.264
	GV-PTZ010D-P	PAL, IPCAM, 10x Optical Zoom, D1, H.264

Dimensions



Specifications

Camera			
Model Name		GV-PTZ010D-N	GV-PTZ010D-P
Image Sensor		1/4" CCD image sensor	
Picture Elements		704 (H) x 480 (V)	704 (H) x 576 (V)
Minimum Illumination	Color	2.5 Lux (F/1.8)	
	B/W	0.07 Lux (F/1.8)	
Shutter Speed		Automatic, Manual (1/60 ~ 1/120,000 sec)	Automatic, Manual (1/50 ~ 1/120,000 sec)
White Balance		Automatic, Manual (3200K ~ 9600K)	
Lens			
Day/Night		Yes (electronic)	
Focal Length		4.2 ~ 42 mm	
Maximum Aperture		F/1.8 ~ F/2.9	
Image Format		1/4"	
Operation	Focus	Auto Focus	
	Zoom	100x (10x Optical, 10x Digital)	
	Iris	Fixed	
Operation			
Video Format		NTSC	PAL
Video Compression		H.264, MPEG4, MJPEG	
Video Stream		Dual Streams from H.264, MPEG4 and MJPEG	
Video Resolution	Main Stream	704 x 480, 704 x 240, 352 x 240	704 x 576, 704 x 288, 352 x 288
	Sub Stream	704 x 480, 704 x 240, 352 x 240	704 x 576, 704 x 288, 352 x 288
Frame Rate		30 fps	25 fps
		* The frame rate and the performance may vary depending on the number of connections and data bitrates (different scenes).	
Image Setting		Exposure Control, White Balance, Image Orientation, Backlight Compensation, Gamma	
Audio Compression		G.711, AAC (optional)	
Audio Support		Two-Way Audio	
Sensor Input		1 Input (Dry Contact)	
Alarm Output		1 Output (200mA 5V DC)	
Network			
Interface		10/100 Ethernet	
Protocol		HTTP, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, 3GPP/ISMA, RTSP, PSIA	
Mechanical			
Temperature Detector		Yes	
Camera Angle Adjustment	Pan	-175° ~ 175°	
	Tilt	-45° ~ 90°	
Connectors	Power	2-pin terminal block, PoE	
	Ethernet	RJ-45	
	Audio	1 In (Using a built-in or an externally connected microphone) 1 Out (Stereo phone jack, 3.5 mm / 0.14 in)	
	Local Storage	Micro SD card slot (SD/SDHC, SD version 2.0 only, Class 10) * SDXC and UHS-I card types are not supported.	
	Digital I/O	3-pin terminal block	
LED Indicator		2 LEDs: Power and Status	
General			
Environment Temperature		-10 °C ~ 50 °C / 14 °F ~ 122 °F	
Humidity		10% to 90% (no condensation)	
Power Source		12V DC / 24V AC / PoE (IEEE 802.3af)	
Max. Power Consumption		12 W	
Dimensions	With mounting base and cover	168 x 135.2 mm / 6.61 x 5.32 in	
	Without mounting base and cover	124.55 x 133.3 mm / 4.9 x 5.25 in	
Weight		490 g / 1.08 lb	
Regulatory		CE, FCC, RCM, RoHS compliant	

Power over Ethernet	
PoE Standard	PoE (IEEE 802.3af Power over Ethernet / PSE)
PoE Power Supply Type	End-Span
PoE Power Output	Per Port 48V DC, 350mA. Max. 15.4 watts
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, Wide Angle Lens Dewarping, Picture in Picture, Picture and Picture, Privacy Mask
Language	Bulgarian / Czech / Danish / Dutch / English / French / German / Greek / Hebrew / Hindi / Hungarian / Indonesian / Italian / Japanese / Lithuanian / Norwegian / Persian / Polish / Portuguese / Romanian / Russian / Serbian / Simplified Chinese / Slovakian / Slovenian / Spanish / Thai / Traditional Chinese / Turkish * Bulgarian, Dutch, Greek, Hindi, Indonesian, Lithuanian, Norwegian, Persian, Romanian, Slovakian, Slovenian, Thai and Turkish are only supported in V1.08 or later.
Applications	
Network Storage	GV-System (GV-DVR/NVR), GV-Backup Center, GV-Recording Server, GV-VMS * GV-Backup Center and GV-Recording Server are supported in V1.08 or later
Smart Device Access	GV-Eye for iOS and Android
Live Viewing	IE , mobile phone
CMS Server support	GV-Control Center, GV-Center V2, GV-Vital Sign Monitor

Note:

- Specifications are subject to change without notice.
- 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.
 - To avoid power outage, it is highly suggested to apply a battery backup (UPS).
 - For better performance, it is highly suggested to use Micro SD card of MLC NAND flash, Class 10.
 - 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.

Packing List

- | | |
|-----------------------|-----------------------------|
| 1. PTZ Camera | 8. Round Screw x 3 |
| 2. Mounting Base | 9. Washer x 3 |
| 3. Mounting Cover | 10. Terminal block x 1 |
| 4. Wall Mount Bracket | 11. GV-PTZ010D Software DVD |
| 5. Screw Anchor x 3 | 12. GV-NVR Software DVD |
| 6. Long Screw x 3 | 13. Warranty Card |
| 7. Short Screw x 3 | |

Note: The power adapter can be excluded upon request.

Accessories

Name	Details
GV-PA191 PoE Adapter 	Weight: 130 g / 0.29 lb Dimensions (H x W x D): 43 x 69 x 40 mm / 1.69 x 2.72 x 1.57 in
GV-Relay V2 	The GV-Relay V2 is designed to expand the voltage load of GV IP devices. It provides 4 relay outputs, and each can be set as normally open (NO) or normally closed (NC) independently as per your requirement.
Power Adapter	Contact your sales representative for the countries and areas supported.
GV-POW Switch	The GV-POE Switch is designed to provide power along with network connection for IP devices. The GV-POE Switch is available in various models with different numbers and types of ports.