

## GV-PTZ010D 10x D1 H.264 D/N PTZ IP Camera



- 1/4" CCD image sensor
- Dual streams from H.264, MJPEG and MPEG4
- 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
- Input-triggered Preset points
- Motion Detection
- Privacy mask
- IP address filtering
- 3GPP / ISMA
- DC 12 V / AC 24 V / PoE
- Day / Night function
- 16 languages on Web interface

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:

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

### 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, (1/60 ~ 1/120,000 sec)                      Automatic, (1/50 ~ 1/120,000 sec)	
White Balance	Manual (3200K ~ 9600K)	
Lens		
Day/Night support	Yes	
Iris	Fixed Iris	
Focal Length	4.2 ~ 42 mm	
Aperture	F/1.8 ~ F/2.9	
Angle of view	Diagonal	56.4°
	Horizontal	46.4°
	Vertical	35.6°
Operation	Focus	Yes
	Zoom	100x (10x Optical, 10x Digital)
	Iris	Fixed
Operation		
Video Format	NTSC                      PAL	
Video Codec	H.264, MPEG4, MJPEG	
Video Stream	Dual Streams from two of 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, Light Compensation, Gamma	
Audio Codec	G.711	
Sensor Input	1 Input (Dry Contact)	
Alarm Output	1 Output	
<b>Network</b>		
Interface	10/100 Ethernet	
Ethernet Protocol	HTTP, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, 3GPP/ISMA RTSP, PSIA	
<b>Mechanical</b>		
Connectors	Power	2-pin terminal block
	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 / SDHC memory card slot
	Digital I/O	3-pin terminal block
LED Indicator	2 LEDs: Power and Status	
Camera Angle Adjustment	Pan -175° ~ 175°, Tilt -45° ~ 90°	
<b>General</b>		
Operating Temperature	-10 °C ~ 50 °C / 14 °F ~ 122 °F	
Humidity	10% to 90% (no condensation)	
Power Source	12V DC / 24V AC / PoE	
Power Consumption	15 W (max. 1.25A at 12V DC)	
Regulatory	CE, FCC, C-Tick, RoHS compliant	
Dimensions (L X W X H)	With mounting base and cover	167.75 x 166.78 x 135.2 mm / 6.60 x 6.57 x 5.32 in
	Without mounting base and cover	124.55 x 122.73 x 133.3 mm / 4.90 x 4.83 x 5.25 in
Weight	490 g / 1.08 lb	
<b>Power over Ethernet</b>		
PoE Standard	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	
<b>Web Interface</b>		
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, digital I/O control, audio, Picture in Picture, Picture and Picture, Privacy Mask	
Language	Czech / Danish / English / French / German / Hebrew / Hungarian / Italian / Japanese / Polish / Portuguese / Russian / Serbian / Simplified Chinese / Spanish / Traditional Chinese	
<b>Applications</b>		
Network Storage	GV-NVR, GV-System	
3G Mobile Phone	Built-in player for 3GPP / ISMA	
Live Viewing	IE, Mobile Phone	
CMS Server support	GV-Center V2, GV-VSM, GV-Dispatch Server, GV-Control Center	

**Note:** Specifications are subject to change without notice.