

GV-FE110 1.3MP H.264 Fisheye IP Camera



* GV-FE110 is excluded from Japan, EU and German market.

Introduction

The GV-FE110 is a fisheye camera that allows you to monitor all angles of a location using just one camera. The distorted hemispherical image of the fisheye camera will be converted into the conventional rectilinear projection.

Without installing any software, you can watch live view and utilize functions such as motion detection, privacy mask, and alert notification through the Web interface using an IE browser. In addition, the GV-FE110 seamlessly integrates with the GV-System, providing advanced monitoring and video management features.

The GV-Fisheye IP Camera is designed to be mounted on the ceiling, wall or ground. There are two ways to mount the GV-FE110 on the ceiling, Hard Ceiling Mount and In-Ceiling Mount. In-Ceiling Mount allows the GV-FE110 to be mounted into the ceiling, revealing a small portion of the camera.

Key Features

- 1.3MP progressive scan CMOS
- H.264, MPEG 4 and MJPEG
- [Digital Object Tracking](#)
- Provides 360 and 180 degrees panorama view
- No mechanical moving parts
- Micro SD/SDHC Card Slot
- Virtual PTZ function
- Auto Pan function
- Built-in microphone and speaker
- One sensor input and alarm output
- DC 12V / AC 24V / PoE
- Different angle of view accessible by multiple users at the same time
- Playback from any view angle and zoom level
- Privacy mask
- Visual automation
- Tampering alarm
- 28 languages on web interface

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

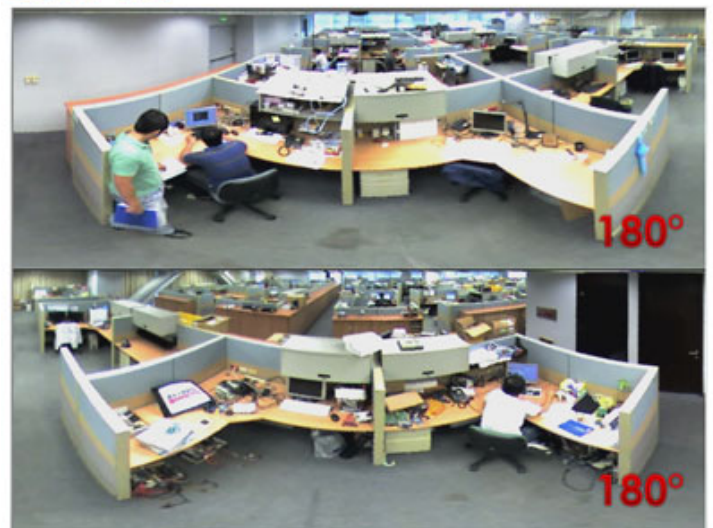
Fisheye Source Image



Single View



2 x 180° View

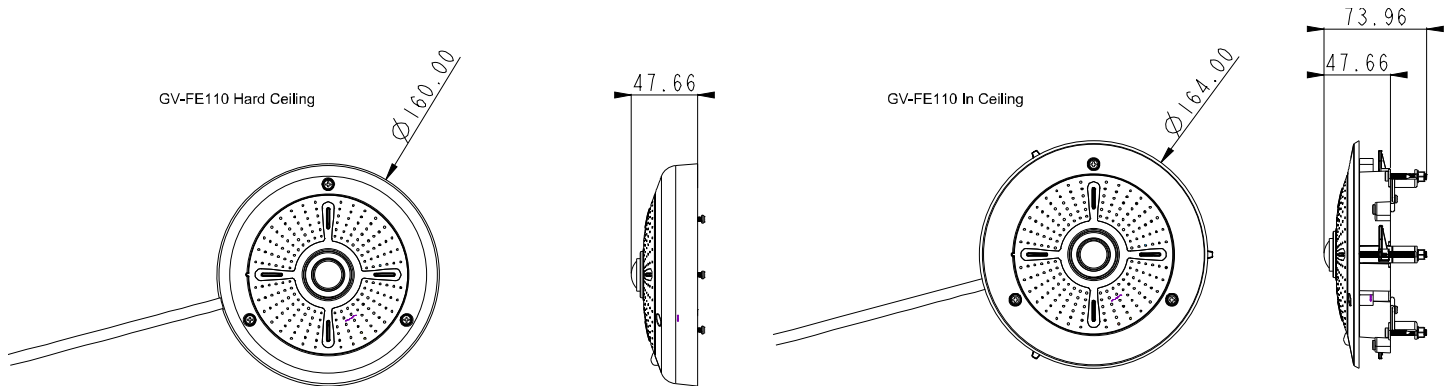


360° View



Quad View



SPECIFICATIONS


System Requirements		
OS	32-bit	Windows XP / Vista / 7 / Server 2008
	64-bit	Windows 7 / Server 2008
GV-System Version	GV-System V8.4.0.0 with patch files or later	
Browser	Internet Explorer 7.x or later	

Camera		
Image Sensor	1/3" progressive scan CMOS	
Picture Elements	1280 (H) x 1024 (V)	
Minimum Illumination	Color	1.5 Lux (1/60 sec), 0.1 Lux (1/5 sec), (F/2.0, AGC-ON, slow shutter-Off.)
Shutter Speed	1/5 ~ 1/4000 sec, Auto (Balanced, Speed Priority, Quality Priority)	
White Balance	Automatic, Manual (2800K~8500K)	

Optics Lens		
Megapixel	Yes	
Day/Night	Yes (electronic)	
Iris	Fixed Iris	
Focal Length	1.25 mm	
Aperture	F/2.0	
Mount	M12, Pitch 0.5 mm	
Image Format	1/3"	
Angle of View	Diagonal	185°
	Horizontal	185°
	Vertical	185°
Operation	Focus	None
	Zoom	None
	Iris	Fixed

Operation	
Video Compression	H.264, MPEG4, MJPEG
Video Resolution	1280 x 1024
Frame Rate	15 fps
Image Setting	Brightness, Contrast, Sharpness, Saturation, Gamma, White Balance, Flicker-less, Image Orientation, Shutter Speed
Audio Compression	G.711
Sensor Input	1 Input (Dry Contact)
Alarm Output	1 output

Network	
Interface	10/100 Ethernet
Protocol	HTTP, HTTPS (available in next version), TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, RTSP, PSIA, SNMP (available in next version)

Mechanical	
Lens Mounting	M12, Pitch 0.5 mm / 0.02 in
Temperature Detector	Yes

Connectors	Power	Terminal block (3 pin), PoE	
	Ethernet	Ethernet (10/100 Base-T), RJ-45 Connector	
	Audio	Built-in microphone and speaker	
	Digital I/O	I/O Wire	
	Auto Iris	None	
	Local Storage	Micro SD/SDHC memory card slot (for Class 6 card or above)	
	TV-Out	None	
General			
Environment Temperature		0 °C ~ 50 °C / 32 °F ~ 122 °F	
Humidity		10% to 90% (no condensation)	
Power Source		12V DC / 24V AC / PoE (IEEE802.3af)	
Max. Power Consumption		9 W	
Dimensions	Camera Body	Hard-Ceiling Mount	ø 160 x 47.66 mm / 6.30 x 1.88 in
		In-Ceiling Mount	ø 164 x 47.66 mm / 6.46 x 1.88 in
	Cable Length		1 m / 3.28 ft
	Cable Diameter		ø 8 mm / 0.31 in
	Maximum Connector Diameter		ø 28.5 mm / 1.12 in
Weight		650 g / 1.43 lb	
Regulatory		CE, FCC, C-Tick, RoHS compliant	
Power over Ethernet			
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	
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, digital I/O control, audio, Picture in Picture, Picture and Picture, Privacy Mask, Visual Automation, Tampering Alarm, Auto Pan function, virtual PTZ	
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 V1.08 or later.	
Applications			
Network Storage		GV-NVR, GV-System	
Live Viewing		IE	
CMS Server Support		GV-Control Center, GV-Center V2, GV-VSM	

Note:

1. Wall mount and ground mount are only supported in firmware V1.08 or later.
2. Specifications are subject to change without notice.