

GV-FE110 Fisheye IP Camera H.264



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.

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

- 1.3M progressive scan CMOS
- H.264, MPEG 4 and MJPEG
- Provides 360 and 180 degrees panorama view
- No mechanical moving parts
- Built-in Web server for monitoring through IE browser
- Virtual PTZ function
- Auto Pan function
- Playback from any view angle and zoom level
- Privacy mask
- Visual automation
- Tampering alarm
- Built-in microphone and speaker
- DC 12V / AC 24V / PoE
- Micro SD
- 16 languages on web interface

Fisheye Source Image



Single View



2 x 180° View



360° View



Quad View



SPECIFICATIONS

Camera		
Image Sensor		1/3" progressive scan CMOS
Picture Elements		1280 (H) x 1024 (V)
Minimum Illumination		1.5 Lux (1/60 sec), 0.1 Lux (1/5 sec), (30 IRE, F/2.0, AGC-ON, slow shutter-Off.)
Shutter Speed		1/5 ~ 1/4000 sec, Balanced, Speed Priority, Quality Priority
White Balance		Automatic, Manual (2800K ~ 8500K)
Optics Lens		
Megapixel		Yes
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 Codec		H.264, MPEG4, MJPEG
Video Resolution		1280 x 1024
Frame Rate		15 fps
Image Setting		Brightness, Contrast, Sharpness, Gamma, White Balance, Flicker-less, Image Orientation
Audio Codec		G.711
Digital Input		1 Input (Dry Contact)
Digital Output		1 output
Network		
Interface		10/100 Ethernet
Ethernet Protocol		HTTP, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, RTSP
Mechanical		
Connectors	Power	Terminal block (3 pin)
	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
	TV-Out	None
General		
Operating Temperature		0 °C ~ 50 °C / 32 °F ~ 122 °F
Humidity		10% to 90% (no condensation)
Power Source		12V DC / 24V AC / PoE (IEEE802.3af)
Power Consumption		7.2 W (max. 600mA at 12V DC)
Regulatory		CE, FCC, C-Tick, RoHS compliant
Dimension (L X W X H)		Ø 160 x 47.66 mm / 6.29 x 1.83 in
Weight		650 g / 1.43 lb
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
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
Applications		
Network Storage		GV-NVR, GV-System
Live Viewing		IE
CMS Server support		GV-Control Center, GV-Center V2, GV-VSM