

GeoVision GV-FE420 / GV-FE421 4 Mega-pixel Fish-eye IP Camera

GV-FE421



GV-FE420



Introduction

The GeoVision GV-FE420 / GV-FE421 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-FE420 / GV-FE421 seamlessly integrates with the GV-System, providing advanced monitoring and video management features.

There are two ways to mount the GV-FE420 / GV-FE421 on the ceiling, Hard Ceiling Mount and In-Ceiling Mount. In-Ceiling Mount allows the GV-FE420 / GV-FE421 to be mounted into the ceiling, revealing a small portion of the camera.

Comes with free 32 channel GeoVision Professional Network Video Recorder

- Massive 4MP MegaPixel progressivescan 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 - Power over Ethernet
- Micro SD
- One sensor input and alarm output
- Different angle of view accessible by multiple users at the same time
- Provisional Pdf - Specs May change

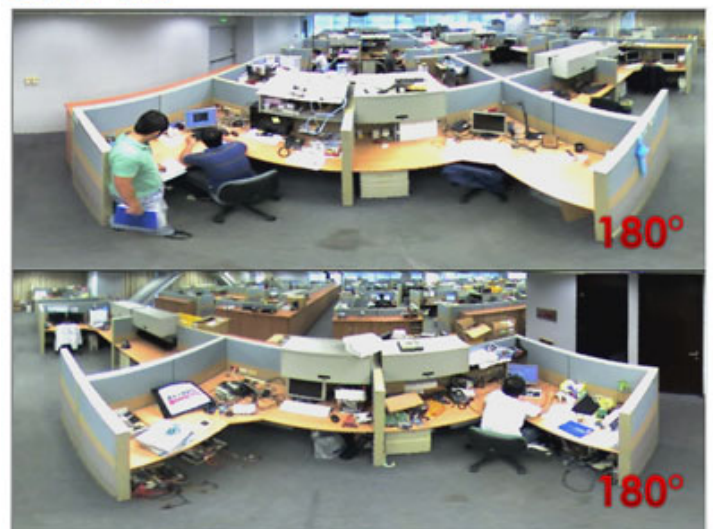
Fisheye Source Image



Single View



2 x 180° View



360° View



Quad View



SPECIFICATIONS

Camera		
Image Sensor	1/2.5" progressive scan CMOS	
Picture Elements	.2048 (H) x 1944 (V)	
Minimum Illumination	-4 Lux (1/30 sec), 2 Lux(1/5 sec)	
Shutter Speed	1/4 ~ 1/8000 sec,	
White Balance	Automatic, Manual	
Optics Lens		
Megapixel	Yes	
Iris	Fixed Iris	
Focal Length	1.27 mm	
Aperture	F/2.8	
Mount	M12, Pitch 0.5 mm	
Image Format	1/2"	
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	-2048x1944	
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, PSIA	
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	4.1 W (max. 335mA 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	