



2-Megapixel Fish-Eye PoE Network Camera



FCS-0071

H/W Version: 1

Product Overview

The LevelOne FCS-0071, a 2-Megapixel high resolution Fish-Eye panoramic Network Camera. Featuring 180° panoramic view (wall mount) or 360° surround view (ceiling/floor/table mount) without blind spots which enables customer to significantly reduce the need for multiple camera installations. In the panoramic modes, users can utilize the ultra-smooth ePTZ function to easily zoom in and focus. Together with removable IR-cut filter and IEEE 802.3af compliant PoE, the FCS-0071 is suitable for day/night monitoring open areas such as airports, shopping malls where're short of power outlet and constructing greater coverage needed. In addition, the FCS-0071 supporting built-in micro SD/SDHC card slot, microphone and speaker helps local storage and 2-way audio communication with ease.

Superb Image Quality Output

Featuring Electronic Pan/Tilt/Zoom (ePTZ)

functionality, which enables you to focus on something that interests you, just click on the target region of the image in the camera view for a close look by zooming in to the desired level that you want and an additional level of image enhancement will be delivered. Since there is no mechanical motion and noise involved comparing to a PTZ camera, thus making the camera even more invisible.

Flexible Power Options

Featuring PoE (Power-over-Ethernet) capability, the camera receives electrical power using Ethernet cabling from a PoE PSE (Power Sourcing Equipment) device, for instance it could be a PoE switch. Thus providing great cost savings by eliminating the need for additional power cables and outlets. In addition, our camera also supports power 12VDC through an optional external power supply in case you don't have a PSE device.

Key Features

- 2-Megapixel (1600 x 1200) high-definition resolution
- Offers various 360°/180° video modes for panoramic wide-angle surveillance
- IEEE 802.3af PoE compliant to simplify deployment and installation
- Built-in microphone and speaker for 2-way audio communication
- ePTZ function for digitally move and enlarge monitoring area over the Internet
- Built-in Micro SD/SDHC card slot for local storage
- Removable IR-cut filter for day and night surveillance
- Compact design for easy ceiling/wall mount installation
- Dual power support: 12VDC/PoE
- Free 64-channel monitoring software included (supports iCamSecure App)

Works Well With



NVR-0104
4-CH Video Recorder



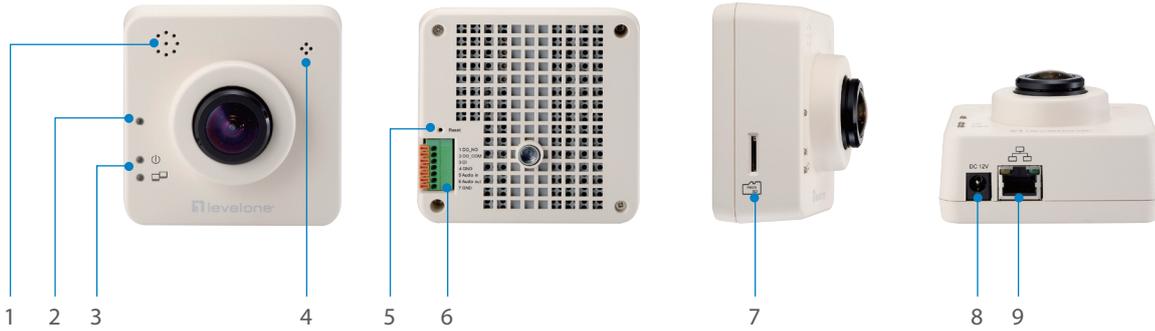
FSW-0503
4 FE PoE + 1FE Switch

Technical Specification

Camera
Model FCS-0071
Image Sensor 2-Megapixel Progressive 1/3 "CMOS Sensor Resolution: 1600(H) x 1200(V)
Lens Fish-Eye Lens Focal Length: F2.0 /f = 1.25 mm FOV=185°(D/H/V) To Be Tested IR, MegaPixel
Day and night Automatic removable infrared-cut filter
Minimum illumination 1.5Lux / F2.0
Electronic shutter speed 2~ 1/40000 sec.
Rate Control CBR (Constant Bit Rate)/VBR (Variable Bit Rate)
Video
Video compression H.264/MJPEG
Resolutions and Frame rate 4:3 Aspect Ratio: 1600 x 1200 @ 15fps 800 x 600 @ 15fps 640 x 480 @ 15fps 16:9 Aspect Ratio: 1280 x 720 @ 30fps 800 x 450 @ 30fps 720 x 405 @ 30fps 640 x 360 @ 30fps
Image Layout Wall Mount 360° 360° Source View 180° Broad View + 2 PTZ View Mode Source View with 3 PTZ Ceiling Mount 360° 360° Source View Quad View Mode (without ePTZ) Single Broad View Wall Mount 180° 180° Single Broad View 180° Source View + 1 PTZ Mode 2 PTZ Mode View
Image settings Image distortion correction, Brightness, Saturation, Sharpness, Exposure, White balance control
Picture JPEG
Video Record AVI format
Audio
Audio In/Out External audio in/out
Audio Streaming 2-way audio
compression G.711, ACC
MIC / Speaker Built-in microphone and speaker
Pan/Tilt/Zoom
Digital Zoom 10x
ePTZ Digital Pan/Tilt

Network
Ethernet 10BASE-T / 100BASE-TX (RJ-45)
Protocols HTTP, HTTPS, TCP/IP, IPv4, UDP, SMTP, FTP, DHCP, DDNS, NTP, DNS, ARP, RTSP, RTP, Bonjour, UpnP
Number of client 2 clients when throughput is 6Mbps 5 clients when throughput is 2Mbps (Max. Throughput: 12Mbps)
Security Password protection, https encryption, user access log
Alarm and Event Management
Motion Detection up to 10 detection area
E-Mail Alert Up to 10 e-mail addresses
FTP Uploading Up to 10 FTP servers address and login settings
HTTP Notification Up to 10 HTTP notification for instant notification
DI/DO 1 digital input and 1 digital output for external sensor and alarm Event notification
General
System Flash ROM: 128MB RAM: 128MB
Power & Consumption 12V DC, 2A Power consumption: Max. 5W
Interface & Buttons RJ-45 10BASE-T/100 BASE-TX DC power jack Micro SD/SDHC slot General I/O Terminal Block(DI/DO) Resrst Button
Local Storage Build-in Micro SD/SDHC slot
Operating conditions Operating Temperature: 0°C ~ 50°C Operating Humidity: 20% ~ 80% Storage Temperature: -20°C ~ 70°C Storage Humidity: 0% ~ 90%
Approvals CE, FCC, RoHS Compliant
Dimension (L x W x H) 81 x 81 x 52 mm
Weight 230g
Bundle Software Free 64-Channel Monitoring Software (Supports iCamSecure App)
Viewing System Requirements
Operating system Microsoft Windows 2000/XP/Vista/7
Web borwser IE 7.0 above
Cell phone viewer 3GPP player
Stream player Real Player 10.5 or above Quick Time 6.5 or above
Certification CE, FCC

Front View and Rear View

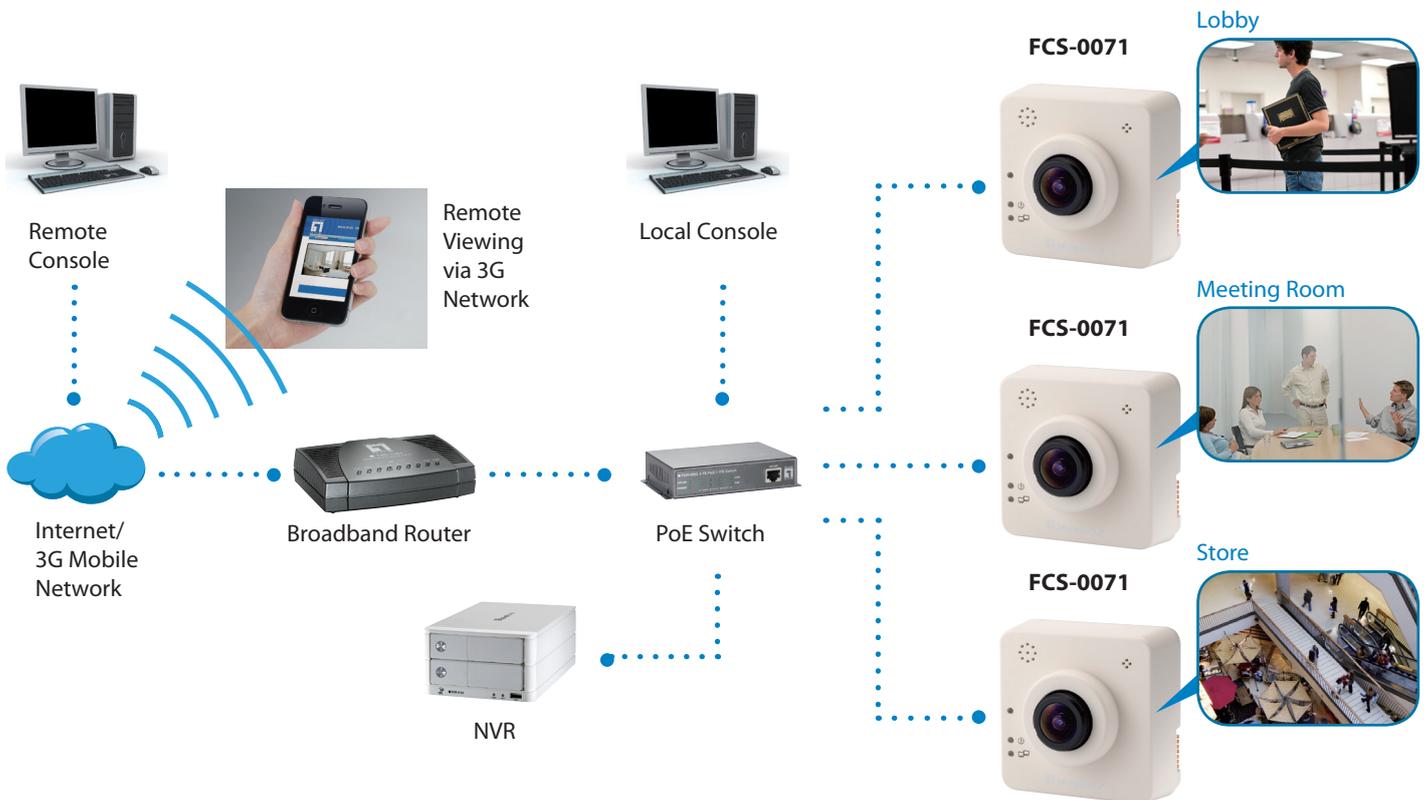


- 1. Speaker
- 2. Light Sensor
- 3. LEDs

- 4. Built-in Microphone
- 5. Reset Button
- 6. GPIO

- 7. Micro SD Slot
- 8. Power Connector
- 9. Ethernet

Product Diagram



Order Information

Package Contents

FCS-0071: 2-Megapixel Fish-Eye PoE Network Camera

FCS-0071, Power Adapter, RJ-45 Ethernet LAN Cable, Quick Installation Guide
CD Manual/Utility, Camera Bracket