level one ®

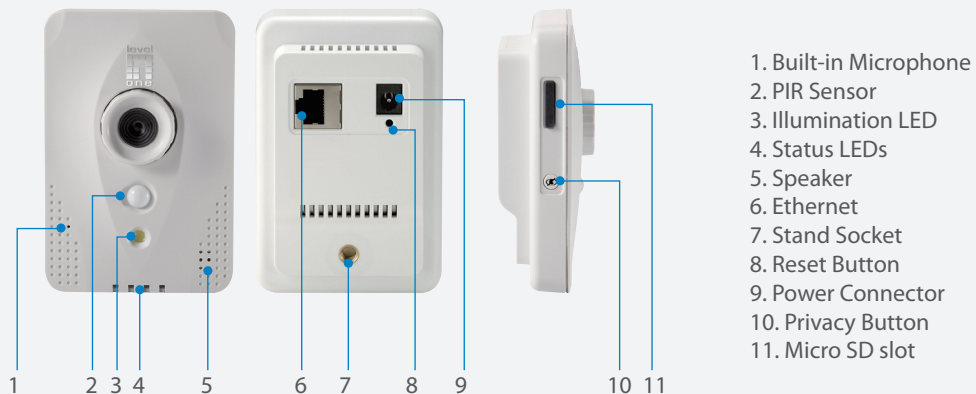# Megapixel PIR Lighting PoE Network Camera

FCS-0031

H/W Version: 1

LevelOne FCS-0031 is a fixed day camera with super image quality for home security and surveillance. It provides a distinct and stylish exterior mount unit with excellent features and quality, allowing plenty support of applications and wide area of coverage. Users can view the live motion image anywhere through web browser via the Internet. With the megapixel progressive sensor and white LED, FCS-0031 comes with high resolution quality and sharp sensitivity - a perfect solution for securing your home and office.

In addition, the FCS-0031 provides many advanced features, including human detection sensor (PIR),

Micro SD card slot and Privacy button. The FCS-0031 complies with 802.3af PoE standard and supports flexible deployment, even in locations without power outlet.

With an "Easy Installation Wizard", this LevelOne IP camera is very user-friendly, perfect for both home and business use. It is also embedded with a high-performance image sensor and CPU. The FCS-0031 supports H.264, MPEG4 and MJPEG video compression, providing a high resolution at 640x400 or 1280x800 for high-quality video and real-time viewing.

1. Built-in Microphone
2. PIR Sensor
3. Illumination LED
4. Status LEDs
5. Speaker
6. Ethernet
7. Stand Socket
8. Reset Button
9. Power Connector
10. Privacy Button
11. Micro SD slot

Key Features

- Megapixel (1280 x 800) high-definition resolution
- IEEE 802.3af PoE compliant to simplify deployment and installation
- Built-in PIR sensor for human temperature detection
- Built-in white LED for auto-illuminating motion detected area
- Built-in microphone and speaker for 2-way audio communication
- Easy Internet monitoring via configuration free Level1DNS™ service
- Compression: H.264/MPEG-4/MJPEG
- Simple audio/video on/off with one-push Privacy Button
- Built-in Micro SD/SDHC card slot for local storage
- Free 64-channel monitoring software included (supports iCamSecure App)

Works Well With
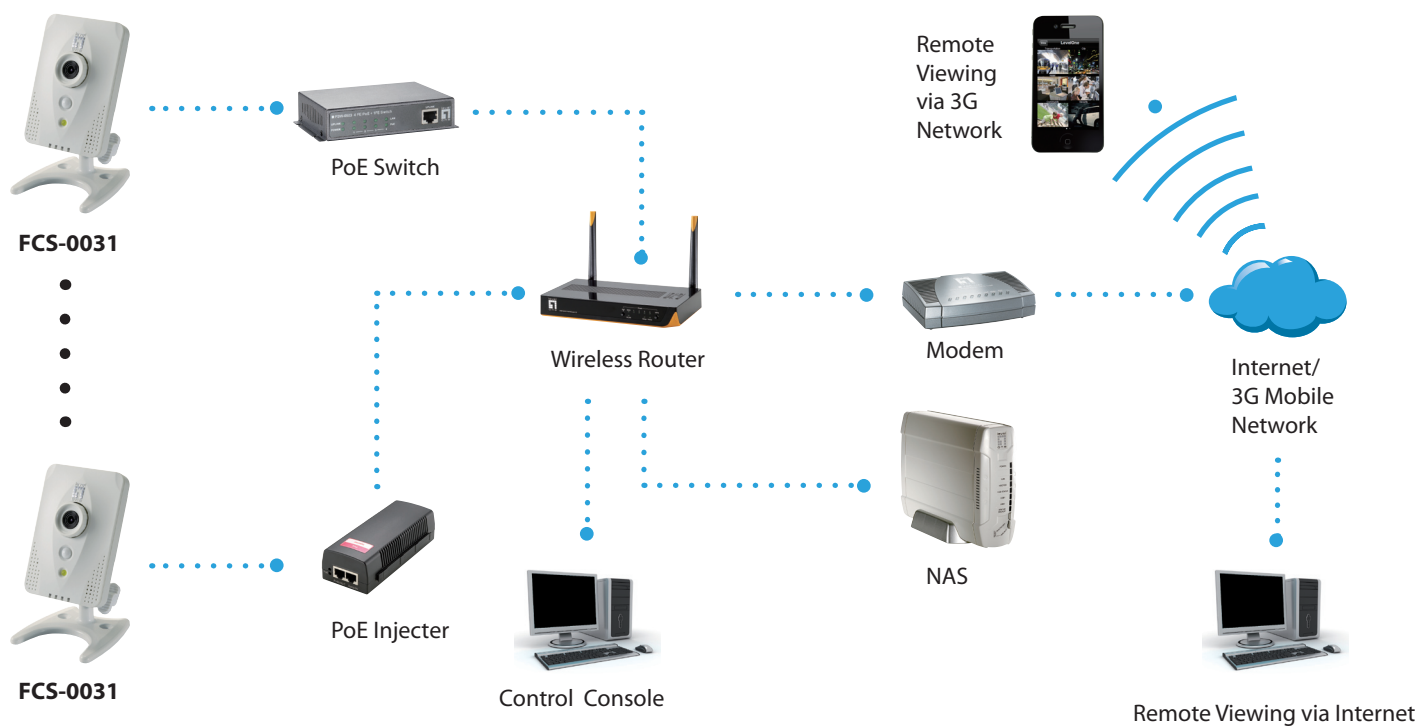

FSW-0503
4FE PoE + 1 FE Switch

POI-2002
PoE Injecter

Technical Specification

Camera

Image Sensor
1/4" Megapixel Progressive Scan CMOS

Effective Pixels
1280x800

Lens
Board lens, fixed-focal, f=3.6 mm, F2.3

Angle of View (H)
55.7°

Minimum Illumination
1 lux (without LED)
0 lux (with LED)

Pan/Tilt/Zoom
4x Digital Zoom

Illumination LED
Triggered by Auto PIR Sensor
White LED distance up to 6m

Video

Video Compression
H.264/MPEG4/MJPEG

Resolutions
1280x800 / 640x400 / 320x192

Frame Rate
Up to 30 fps at all resolutions

Video Streaming
Multiple simultaneous streams, up to 2 streams

Image Setting
Adjustable image size, quality and bit rate
Configurable brightness, sharpness, contrast, saturation, white balance and exposure
AGC/AWB/AES
Flip & Mirror
Privacy Mask
Time Stamp and Text Caption Overlay

Video Format
Store to PC: .asf
Store to SC Card: .mp4

Audio

Audio Streaming
Two-way audio

Audio Compression
G.711/AMR

Audio Input/Output
Built-in microphone/speaker

Network

Networking
10/100 Mbps Ethernet, RJ-45

Security
Multi-level user access with password protection
IP address filtering
HTTPS encrypted data transmission

Supported protocols
TCP/IP, UDP, ICMP,DHCP, NTP, DNS, DDNS, SMTP, FTP, HTTP, Samba, PPPoE, UPnP, Bonjour, RTP, RTSP, RTCP

Number of clients
10

DNS
Easy Internet monitoring via configuration free Level1DNS™ service

Alarm and Event Management

Passive Infrared Sensor (PIR)
PIR range up to 4m

Motion Detection
3 Detection Zones

Other Events
PIR Detection

Notification
HTTP, FTP, SMTP, Samba

General

Local storage
MicroSD/SDHC card slot

Power
DC12V 1A / 802.3af PoE

Power Consumption
max. 4.1W

Connectors
RJ-45 10BASE-T/100BASE-TX
DC Power Jack

LED Indicator
Power/Ethernet/Privacy

Button
Privacy Mask Button
Reset Button

Operating Temperature
0°C ~ 50°C

Operating Humidity
10% to 80%, non-condensing

Dimensions
34 x 70 x 105 mm

Weight
103g

Approvals
CE, FCC

Viewing System Requirements
OS: Microsoft Windows 7/Vista/XP
Browser: Internet Explorer 6.x or above
Cell phone: 3GPP player
Real Player: 10.5 or above
Quick Time 6.5 or above

Bundled Software
Bundled with 64-Channel LevelOne IP CamSecure surveillance management software

Product Diagram

FCS-0031

PoE Switch

Wireless Router

Remote Viewing via 3G Network

Modem

Internet/ 3G Mobile Network

NAS

FCS-0031

PoE Injecter

Control Console

Remote Viewing via Internet

Order Information	**FCS-0031:** Megapixel PIR Lighting PoE Network Camera
Package Contents	FCS-0031 Power Adapter RJ45 Ethernet LAN Cable Quick Installation Guide CD Manual / Utility