PoE IP Dome Network Camera

Product Overview
The LevelOne FCS-3021 is an indoor PoE IP Network Camera. It streams real-time audio and video in MPEG4 and MJPEG video compression formats over a PoE enabled LAN network or in 3GPP compression format for streaming over a 3G mobile network.

PoE IP Camera
The FCS-3021 features an IEEE 802.3af Power over Ethernet compliant PoE module for flexible deployment over a PoE enabled LAN network. Users can install the camera without concern for a power outlet located near the camera.

A PoE network switch or midspan hub provides data communications and power to the camera over a single Cat.5e/6 cable.

Advanced Features
The FCS-3021 supports simultaneous dual-streaming., MPEG4 streaming over UDP, TCP or HTTP, multicast streaming and MJPEG streaming over HTTP.

It also features GSM-AMR audio compression, AAC audio encoding and 2-way audio.

Multiple window video motion detection, digital input/output connectors for alarms or sensors and event notification via HTTP, SMTP or FTP completes the advanced features of the FCS-3021.

Free Bundled Software
The FCS-3021 is bundled with LevelOne IP CamSecure Lite, a 32-channel surveillance monitoring software package. Recording of video and audio can be done easily in event-driven or schedule recording modes.

FCS-3021

CAS-4100 Recessed Ceiling Mount Kit for FCS-3021

Key Features

- PoE Indoor IP Network Camera
- Features a 3-axis sensor module for ceiling mount application
- Supports MPEG-4 and M-JPEG real-time video compression modes
- Supports 3GPP for streaming over a 3G mobile network
- Supports simultaneous dual-streaming
- Digital Input/Output ports for attaching 3rd party alarm/sensor devices
- Features 2-way Audio
- Bundled with LevelOne IP CamSecure Lite surveillance management software

IP Network Camera
FCS-3021
H/W ver: v1. x
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Technical Specification

Network Interface

Standard Compliance
- IEEE 802.3 10BaseT Ethernet
- IEEE 802.3u 100Base-TX Fast Ethernet
- IEEE 802.3af Power over Ethernet

Ports
- 10/100 Mbps RJ-45 Ethernet Port (PoE functionality)

Protocols
TCP/IP, HTTP, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, Telnet, DHCP, NTP, DNS, DDNS and PPPoE

Camera Specifications

Lens
- Vari-focal board lens
- 3mm-6mm, F1.2 ~ F1.5

Image Senor
- 1/4" progressive CMOS

Minimum Illumination
- 1.5Lux/F2.0

Zoom
- 4x Digital Zoom

Video Compression
- Motion JPEG (M-JPEG)
- MPEG-4

Video Resolution
- 640x480 @ 30/25 fps
- 320x320 @ 30/25 fps
- 176x144 @ 30/25 fps

Audio
- MPEG-4 AAC audio encoding
- GSM-AMR speech compression
- 2-way audio w/ mute option 4.75Kbps ~ 12Kbps bit rate)

Microphone
Internal Mic:
- Omni Directional microphone
- Freq: 50 ~ 16,000Hz
- S/N Ratio: > 60dB

External Mic

Camera Features Specifications

Streaming
- Simultaneously dual-streaming
- MPEG-4 streaming over UDP, TCP or HTTP
- MPEG-4 multicast streaming
- M-JPEG streaming over HTTP

Event Management
- Multiple-window video motion detection
- 1 digital input and 1 digital output
- Event notification using HTTP, SMTP or FTP

Security
- Multi-level user access
- IP address filtering

Physical Specifications

Power
- Power over Ethernet (IEEE 802.3af) compliant
- 12V DC

LED Indicator
- Dual color status indicator

Operating Conditions
- Temp: 0-50°C/32-122°F
- Humidity: 95%RH

Dimensions
- 147mm(L) x 96mm(W) x 47mm(H)

Weight
- 276g (Net)

Certifications
- CE
- FCC

Bundled Software
- LevelOne IP CamSecure Lite
- Installation Wizard

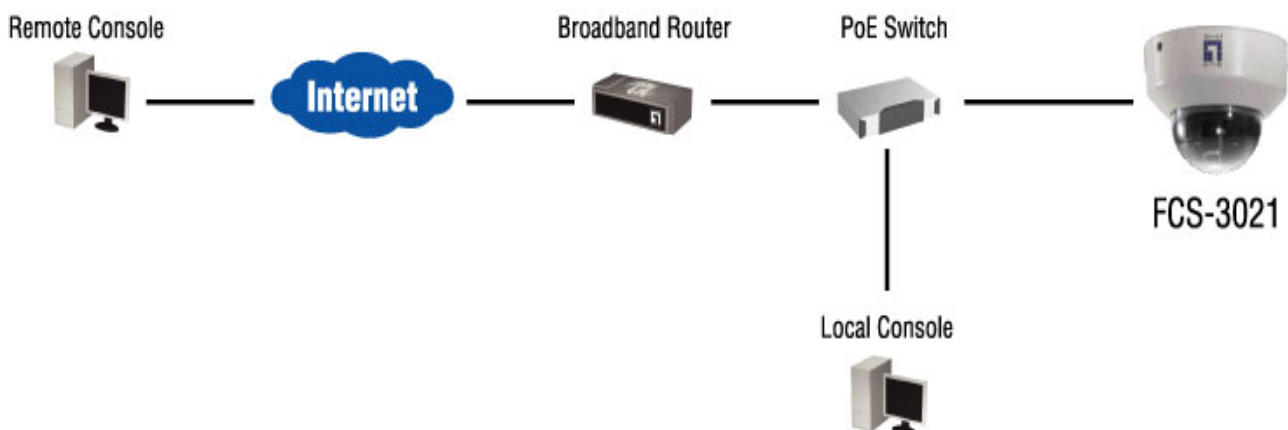## Viewing system requirement

Operating system
- Microsoft Windows 2000/XP/VISTA

Browser
- Internet Explorer 6.x or above
- Firefox 1.5.0.x or above

Product Diagram

IP Network Camera
FCS-3021
H/W ver: v1. x
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Order Information

FCS-3021:   PoE IP Dome Network Camera (*Power supply is excluded)

Optional Accessory

POW-1201:   12V/1.25A Switching Power Adapter

CAS-4100:   Recessed Ceiling Mount Kit for FCS-3021

www.level1.com