PoE IP Network Camera w/ 2-way Audio

FCS-1081A

H/W Version: 1

Product Overview

The LevelOne FCS-1081A PoE IP Camera is an easy to deploy Network Camera within a PoE LAN. It is suitable for indoor deployment as well as outdoor deployment when used with the BOH-1000/1100/1300 Box-type Outdoor Housing.

Camera Features

The FCS-1081A makes use of a 1/3"-inch Color CCD sensor for capturing clear imagery. The camera also features a 10x digital zoom and supports resolutions of up to 704x480 pixels at maximum 30 frames per second. It also supports selectable MPEG4 or MJPEG compression modes.

Different Accessories for Different Needs

The FCS-1081A as standard IP Camera has a changeable 4mm CS-mount lens. Available as accessories, LevelOne offers the CAS-1000A with a 3.5 ~ 8mm lens and the CAS-1100 with a 6 ~ 60mm lens.

For outdoor deployment the PoE IP Camera can be housed inside the IP66 rated BOH-1000/1100/1300 Outdoor Housing.

Free Bundled Software

The free bundled 32-channel software package, IP CamSecure 32 Lite, allows for simultaneous monitoring of IP Cameras. Other features include automatic snapshot, recording of streaming video, motion detection and a 60sec. pre/post event buffer.

LevelOne further has available alternative Digital Surveillance software packages for professional and advanced use.

1. Power Cord Socket
2. Reset
3. LAN Port
4. BNC Connector
5. Audio In
6. Audio Out
7. 4-pin Auto Iris Connector
8. Camera Switch
9. Camera Switch

Key Features

- Supports Power over Ethernet (IEEE802.3af) standard
- Selectable MJPEG/MPEG4 compression
- CS-mount lens changeable with different lens specifications
- Includes a free 4mm lens
- Two-way audio supported
- Provides BNC video output for CCTV system
- Full D1 resolution at 30/25 frames per second
- Features controllable auto-iris, backlight compensation and auto electronic shutter
- Supports UPnP, DDNS, motion detection, and alarm snapshot

Works Well With

FCS-9464
IP CamSecure Pro64 Mega

FCS-7011
1-port PoE Video Server

Technical Specification

Network
1 x RJ-45 10/100 Mbps port
PoE(Power over Ethernet) (IEEE802.3af) compliant

Video
Compression Mode
MPEG4/MJPEG simultaneously

Max. Resolution
704x480 pixels at 30 fps (NTSC)
704x576 pixels at 25 fps (PAL)

Frame Rate
704 x 480 pixels @30fps (NTCS)
704 x 576 pixels @25fps (PAL)
320 x 240 pixels @30fps (NTCS)
320 x 240 pixels @25fps (PAL)
160 x 120 pixels @30fps (NTCS)
160 x 120 pixels @25fps (PAL)

Still Picture
JPEG

Video Record
AVI

Camera
Sensor
1/3" Color CCD sensor

Lens
4mm

View Angle
Vertical 53.4°
Horizontal 70.7°

Minimum Illumination
0.05Lux/F1.2

Electronic Shutter (Sec)
1/60 ~ 1/100,000 sec

AGC/AWB/AES/BLC
Video-drive/DC-drive Iris Control

Audio
Audio In/Out
External microphone input jack
External speaker output jack

Audio Codec
G.711 PCM 64 kbits

S/N Ratio
48db

Zoom
Digital Zoom
10x

Hardware & Environment
Flash ROM
8MB Flash ROM

SDRAM
32MB SDRAM

Housing
Indoor use
BOH-1000/BOH-1100/BOH-1300 optional for IP66-rated
outdoor use

Power
Power adapter is not included.
POW-1201,12V/1.25A power adapter, optional

Temperature
Operating: 0℃ ~ 50℃

Dimension
157X60X50mm

Weight
346.8g

Supported Protocols
IPv4,TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP,
FTP, DHCP, NTP, DNS, DDNS and PPPoE

Software
Bundled with 32-Channel LevelOne IP CamSecure Lite
surveillance management software

Viewing System Requirement
OS
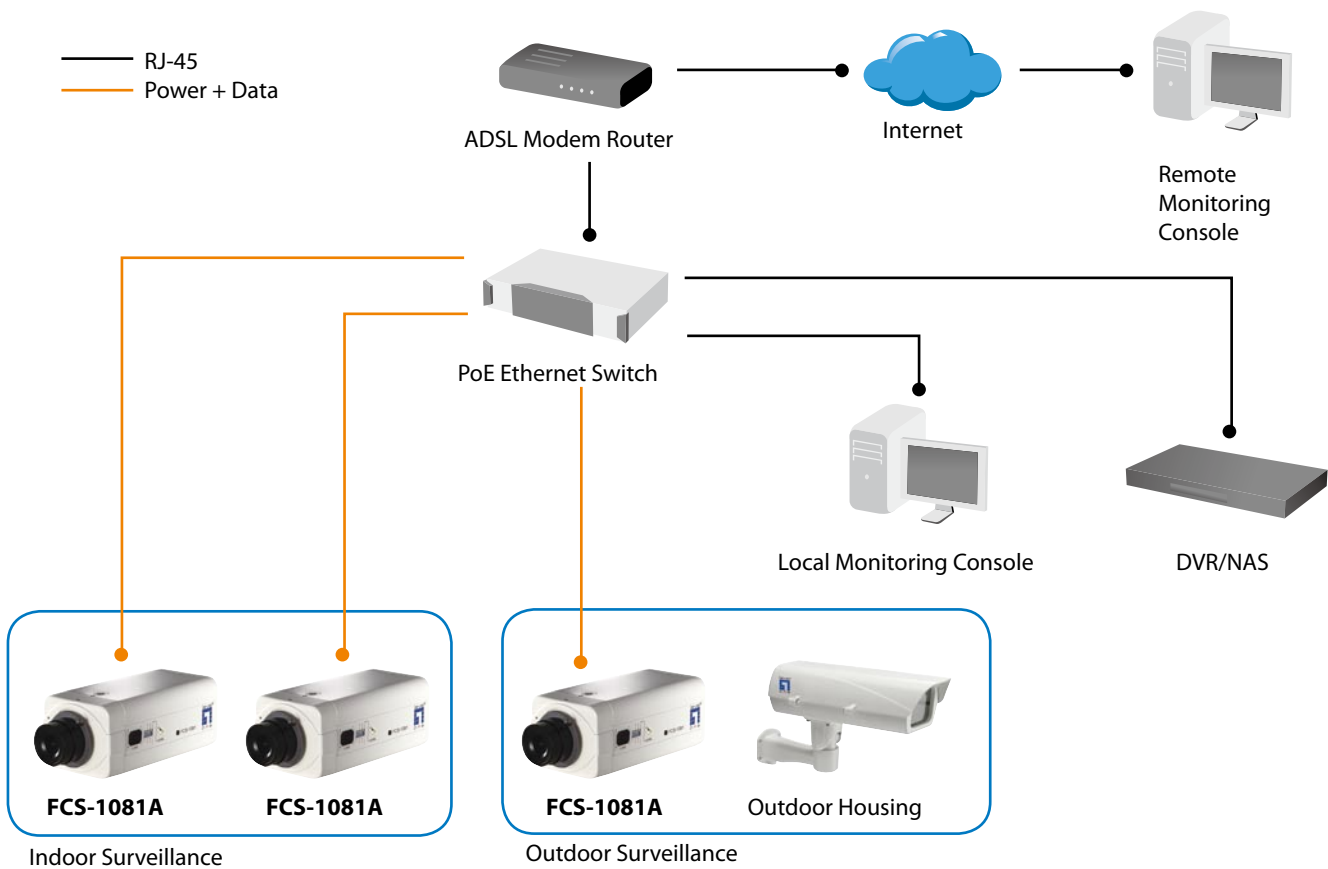Microsoft Windows 2000/XP/Vista

Browser
IE 6.x or above

3GPP Player
Real Player 10.5 or above
Quick Time 6.5 or above

EMI and Safety
FCC, CE

Product Diagram

RJ-45
Power + Data

ADSL Modem Router

Internet

Remote
Monitoring
Console

PoE Ethernet Switch

Local Monitoring Console

DVR/NAS

FCS-1081A   **FCS-1081A**

Indoor Surveillance

FCS-1081A   Outdoor Housing

Outdoor Surveillance

Order Information   **FCS-1081A:** PoE IP Network Camera w/ 2-way Audio (*Power supply is excluded)

Package Content   FCS-1081A, 4mm Fixed Lens, Camera Stand, CD Manual/Utility, Quick Installation Guide

Optional Accessories

BOH-1000
Outdoor Housing for
Box Cameras (24VAC)

BOH-1100
Outdoor Housing for
Box Cameras (12VDC)

BOH-1300
Outdoor Housing for
Box Cameras
(12VDC/24VAC)

CAS-1000A
3.5~8mm Vari-Focal
Lens

CAS-1100
6~60mm Vari-focal Lens

POW-1201
12V/1.25A Switching
Power Adapter