PoE IP Camera

Product Overview

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

PoE Network Camera

The FCS-1081/FCS-1081A is IEEE 802.3af compliant enabling flexible deployment within a PoE-capable network. Power outlets and adapters are not necessary as all data and power is transferred via Ethernet cables. This camera is ideal for to reach locations on high walls or in corners.

Camera Features

The FCS-1081/FCS-1081A uses of a 1/3″-inch colour CCD sensor for capturing crystal clear images. The camera also features a 10x digital zoom and supports resolutions of up to 704x480 pixels at maximum 30 frames per second. Users can also choose between MPEG4 or MJPEG compression modes.

Different Accessories for Different Needs

The FCS-1081/FCS-1081A as standard IP Camera has a changeable 4mm CS-mount lens. Available as accessories, LevelOne also offers the CAS-1000A (3.5 ~ 8mm lens) and the CAS-1000B (6 ~ 60mm lens). You're free to select the right lens for your deployment.

LevelOne also has other accessories available for the FCS-1081/FCS-1081A. The POW-1201 is a power adapter for use in a non-PoE LAN. This provides redundancy in the case of power failure on the PoE switch. For outdoor deployment, the PoE IP Camera can also be housed inside the IP66 rated BOH-1000 outdoor housing that protects it from the weather.

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.

FCS-1081/FCS-1081A

Key Features

- Provides for flexible deployment with PoE capability

- Supports MJPEG/MPEG4 dual-stream simultaneously

- Power over Ethernet (PoE) IEEE802.3af complaint

- Two-way audio supported (FCS-1081A only)

- View FCS-1081/FCS-1081A over Your Mobile Phone or PDA (3GPP-Compliant Devices Only)

- Provides full D1 resolution at 30/25 FPS

- CS-mount lens changeable with different lens specifications

- Backlight compensation, auto-iris control, auto white balance supported

- 32-Channel Monitoring Software Included

CamCon_IP Network Camera
FCS-1081/FCS-1081A
H/W ver. : v 1. x
one world_one brand_one level_

Technical Specification

Networking
- **Ports**
  1 x RJ-45 10/100 Mbps port

Video Specifications
- **Compression Mode**
  Selectable MJPEG/MPEG4

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

- **Video Resolution**
  704 x 480 pixels @30fps (NTCS)
  704 x 576 pixels @25fps (PAL)
  320 x 240 pixels @30fps (NTCS)
  320 240 pixels @25fps (PAL)
  160 x 120 pixels @30fps (NTCS)
  160 x 120 pixels @25fps (PAL)

Camera Specification
- **Sensor**
  1/3″ Color CCD sensor

- **Lens**
  4mm

- **Zoom:**
  Digital: 10x

- **Minimum Illumination**
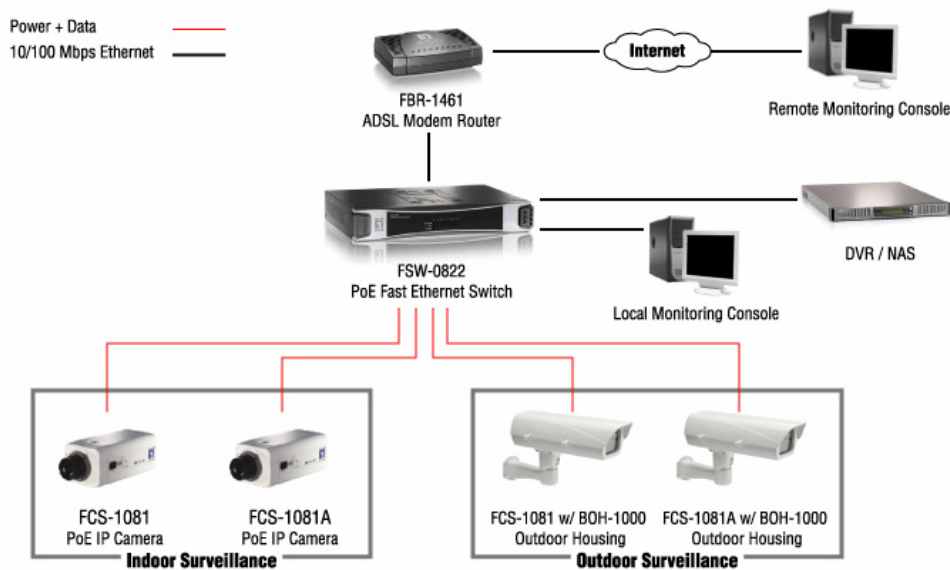 0.05Lux/F1.2

- **Shutter**
  1/60 ~ 1/100,000 sec

Viewing System Requirement
- **OS**
  Microsoft Windows 2000 / XP / VISTA

- **Browser**
  IE 5.5 or above

Hardware & Environment
- **RAM**
  32MB SDRAM

- **ROM**
  8MB Flash ROM

- **Power**
  PoE Enabled. From PoE LAN

- **EMI and Safety**
  FCC, CE

Product Diagram

Ordering Information

- **FCS-1081:**   PoE IP Network Camera (*Power supply is excluded)

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

Accessories

Changeable Lens
CAS-1000A   3.5 ~ 8mm vari-focal lens
CAS-1000B   6 ~ 60mm vari-focal lens

**BOH-1000
Outdoor Housing**

Outdoor Housing
BOH-1000   Box-type Outdoor Housing

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

LevelOne Digital Surveillance Software
FCS-9104/08/16/32/64   IP CamSecure Pro 4/8/16/32/64
FCS-9204/08/16/32/64   IP CamSecure Pro Plus 4/8/16/32/64
FCS-9404/08/16/25/36   IP CamSecure Pro Mega 4/8/16/25/36