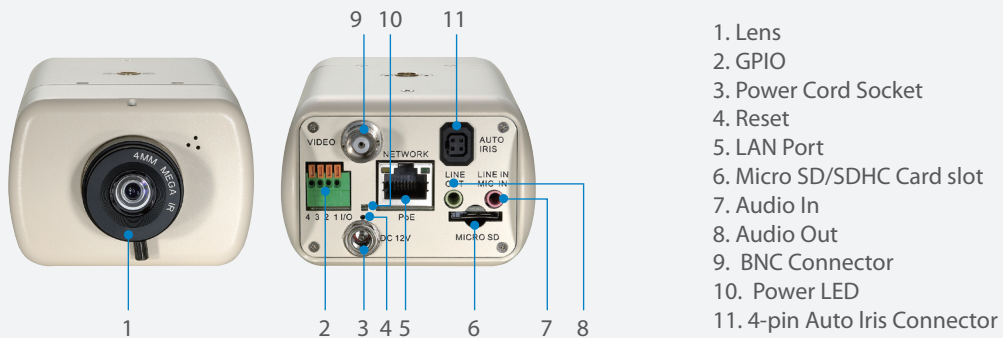# H.264 2-Megapixel PoE Network Camera

FCS-1131

## H/W Version: 1

LevelOne's FCS-1131 is a 2 Megapixel PoE Network Camera, ideal for video surveillance systems where clear images and greater image detail are required. It is the perfect solution for securing areas where high quality identification is needed, such as airports, passport control and casinos.

The FCS-1131 Network Camera delivers HDTV performance in compliance with the SMPTE standard for installations that demand the highest resolution, perfect focus and good color representation. It delivers HDTV 1080p or 720p resolution, 16:9 aspect ratio and supports both H.264 and Motion JPEG.

The camera has a built-in slot for a Micro SD/SDHC card, enabling local storage of several days of recording, without any external equipment.

The integrated BNC connector allows the FCS-1131 to be connected directly to an analog monitor provides enhanced flexibility and usability and ease of installation. Together with PoE, activity adaptive streaming, and the included 32-CH LevelOne IP CamSecure Lite surveillance management software, the FCS-1131 is indisputably the top choice for reliable and high performance surveillance.

1. Lens
2. GPIO
3. Power Cord Socket
4. Reset
5. LAN Port
6. Micro SD/SDHC Card slot
7. Audio In
8. Audio Out
9. BNC Connector
10. Power LED
11. 4-pin Auto Iris Connector

## Key Features

- 2-Megapixel Progressive Scan CMOS Sensor
- Dual streaming simultaneously
- H.264 and MJPEG Compression
- True Day/Night with Infrared Cut Filter (ICR) IR Sensitive
- Power over Ethernet (802.3af)
- Local storage with Micro SD/SDHC slot
- Two-way audio
- BNC connector for analog video output
- Motion Detection & Privacy Masks
- *Free 32-CH Monitoring Software Included

## Works Well With

**FSW-0503**
4 FE PoE + 1FE Switch

**NVR-0216**
16-CH Network Video Recorder

*Please visit www.level1.com for free 64-CH Monitoring Software (Supports iCamSecure Apple App and iOS Safari)

## Technical Specification

### Camera

**Image Sensor**

Image Sensor : 1/2.7" Progressive CMOS

Picture Elements : 1920(H) x 1080(V)

Minimum Illumination : 0.2 lux @ F 1.2

Shutter Speed: 1~ 1/10000 sec.

White Balance: Manual / ATW (1500 ~ 15000K)

**Lens**

Lens Type : Fixed lens (CS-mount)

Focal Length: f=4mm, F/1.5

View Angle : H: 65.4°, V: 49.9°

### Video

**Video**

Video Compression: H.264 / MJPEG

Video Streaming: Simultaneously H.264 + MJPEG

**Resolution:**

H.264     Full-HD 1080p/HD 720p

MJPEG   Full-HD 1080p/HD 720p/D1/CIF

**Image Resolution and Frame Rate:**

HDTV 1080P (1920x1080) @ 12.5/15 fps

HDTV 720p (1280x720) @ 25/30 fps

**Image Setting**

Brightness: Manual

Exposure: Auto / Manual

Sharpness: Manual

Contrast: Manual

White Balance: Auto / Manual

Saturation: Manual

Hue: Manual

Digital Zoom: Zoom-In/Zoom-Out

Motion detection: On/Off

Privacy Mask: On/Off

Privacy Mask Type: Transparent, Color

ICR: Auto/On/Off

**Zoom**

Digital Zoom: 16x

### Audio

**Audio streaming**

Two-way

**Input/output**

Line out, Line in/Mic in

**Audio Compression:**

G.711/G.726

### Network

Interface: 10/100Mb Ethernet (RJ-45)

Protocol: TCP/IP, UDP, RTP, RTSP, HTTP, ICMP,FTP, SMTP, DHCP and IGMP

Password Levels: User and Administrator

Internet Browser: Internet Explorer (6.0+)

User Account: 20

### Mechanical

**Interface:**

Power: DC Power jack(12V)

Ethernet: RJ-45

Micro SD slot: Support Micro SD/SDHC (card is not included)

Audio: Stereo phone jack, Ø 3.5mm

Alarm: 4 pins terminal block, pitch 3.5mm

Auto Iris: DC Drive

Analog Video: 1.0 Vp-p / 75 Ω, BNC

**LED Indicator:**

Power, Link, ACT

**Alarm**

Input: 5V 10kΩ pull up

Output: Photo Relay Output 300VDC/AC

4 pins terminal block

### General

**Hardware**

Flash ROM: 128MB

SD RAM:128MB

**Operating Temperature:**

0°C ~ 50°C

**Operating Conditions:**

Humidity: 10% to 90%, No Condensation

**Power :**

DC12V / PoE

**Power Consumption:**

4W

**Certification:**

CE, FCC, RoHS Compliant

**Dimension:**

135 x 75.6 x 52 mm (L x W x H) (w/o lens)

**Weight:**

360 g (0.80 lb)

### Viewing System Requirements

**Operating system**

Microsoft Windows 2000, XP, Vista, 7

**Web borwser**

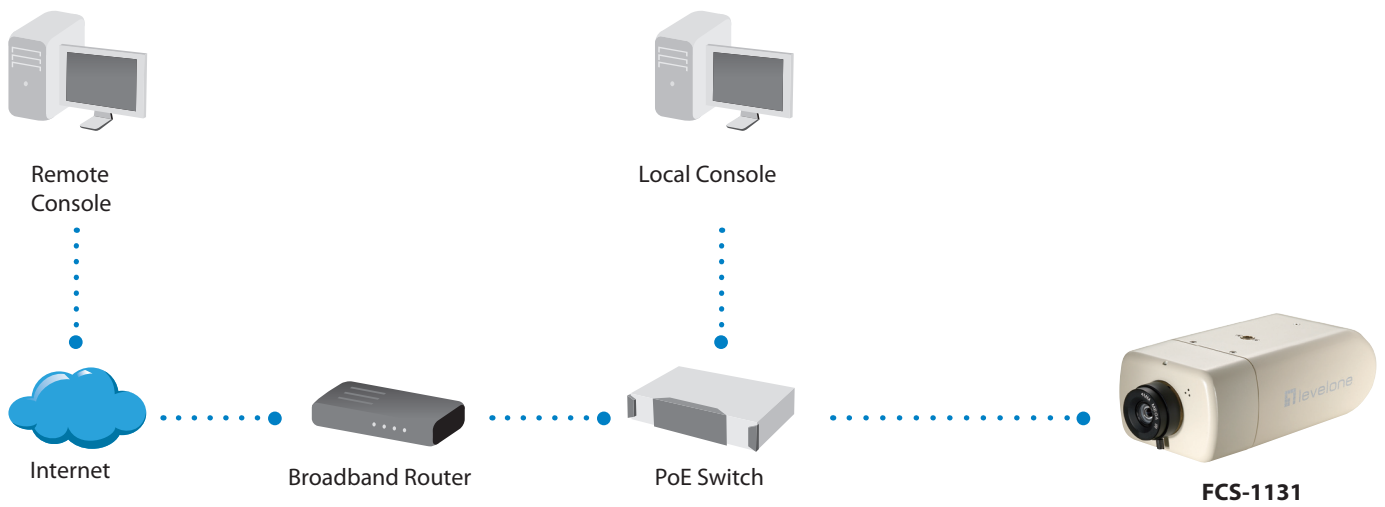Mozilla Firefox, Safari, Internet Explorer 6.x or above

**Cell phone viewer**

3GPP player

**Stream player**

Real Player 10.5 or above

Quick Time 6.5 or above

## Product Diagram



Remote Console

Local Console

Internet

Broadband Router

PoE Switch

**FCS-1131**

| | |
|---|---|
| **Order Information** | **FCS-1131:** H.264 2-Megapixel PoE Network Camera |
| **Package Contents** | FCS-1131 |
| | Power Adapter |
| | Camera Stand |
| | RJ-45 Ethernet LAN Cable |
| | Quick Installation Guide |
| | CD Manual / Utility |

## Optional Accessories



**CAS-1300**
2.8-8.5mm Vari-Focal
Day/Night Megapixel Lens