



FCS-1121 Version: 1

## Megapixel PoE Network Camera

The LevelOne FCS-1121 IP camera offers reliable and excellent video quality solution for 24-hour surveillance application. Users can view live, motion image from anywhere through web browser or mobile phone via the Internet or 3G network respectively. With the megapixel progressive sensor and built-in removable IR-cut Filter, it delivers the extremely clear and detailed images that CCTV cameras cannot provide.

For easy setup, "Easy Installation Wizard" makes the configuration simple even for users without IT background. This LevelOne IP camera simplifies the hardware and software installation by flexible design and multiple applications. In other words, the FCS-1121 is not only for normal home security but also suitable for demand of professional surveillance such as bank, office building, and factory applications.



### Key Features

- Megapixel (1280 x 800) high-definition resolution
- Compression: H.264/MPEG-4/MJPEG
- Supports 2 video streams simultaneously
- Easy Internet monitoring via configuration free Level1DNS™ service
- Digital input/output (1DI/1DO) for sensor and alarm
- IEEE 802.3af PoE compliant to simplify deployment and installation
- Built-in microphone and external speaker for 2-way audio communication
- Built-in SD/SDHC card slot for local storage
- Removable IR-cut filter for day and night surveillance
- Built-in 4-pin auto iris lens connector
- Triple power support: 12VDC/24VAC/PoE (IEEE 802.3af)
- Free 64-channel monitoring software included (supports iCamSecure App)



## Highlight

### Remote Viewing Made Easy

Level1DNS™ service, an intelligent dynamic DNS service which is handy at situation where IP address of your LevelOne device is not permanent, which is frequently changed by your ISP. By offering you an unique domain name, our Level1DNS™ service ensures your device is always reachable from anywhere around the globe and easy remote access through web browsers.

### Flexible Power Options

Featuring PoE (Power-over-Ethernet) capability, the device receives electrical power using Ethernet cabling from a PoE PSE (Power Sourcing Equipment) device, for instance it could be a PoE switch. Thus providing great cost savings by eliminating the need for additional power cables and outlets. In addition, our camera also supports power 12VDC/24VAC through an optional external power supply in case you don ' t have a PSE device.

### Free bundled 64-channel Management Software

We aim to offer you the most versatile and comprehensive surveillance solutions. Our free IP CamSecure software coming allows you to monitor up to 64 IP cameras simultaneously on one screen to enhance scalability. For added convenience and flexibility, the software includes various advanced features such as scheduling recording, event alert, and heaps more. In addition, simply install our free iCamSecure App to your smartphone and connect to the PC with IP CamSecure software installed, you will easily turn your iPhone/Android smartphone into a portable surveillance system for real-time monitoring and snapshot.

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## Works Well With



**BOH-1200**  
PoE Upgradable Outdoor Housing with Infrared LEDs



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



**NVR-0204**  
4-CH Network Video Recorder

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## Specifications

### System Specifications

#### Image Sensor:

Megapixel 1/4" Progressive Scan CMOS

#### Connectors and Cabling:

- 1 x RJ-45 10/100 Mbps PoE port
- 1 x Auto Iris (DC Drive)
- 1 x 3.5mm line out
- 1 x 3.5mm mic/line in
- 1 x DC power jack (12V)
- 1 x AC power terminal block (24V)
- I/O terminal block (1 DI/1 DO)

#### Modularity:

1 x SD/SDHC card slot

**Button:**

Reset Button

**Indicator:**

Power & Link

**Lens:**

C/CS-mount, fixed-focal, f=4.2 mm, F1.4

**IR Cut Filter:**

Removable infrared-cut filter for day & night function

**Minimum illumination:**

1 lux

**Shutter Time:**

1/5-1/24,500 sec.

**Angle of View (H):**

71 °

**Pan/Tilt/Zoom:**

4x digital zoom

**Video Compression:**

H.264 / MPEG4 / MJPEG

**Resolution:**

1M (1280x800) / VGA (640x480) / CIF (320x192)

**Video Format:**

Store to PC: ASF

Store to SD card: MP4

**Audio Compression:**

G.711 / AMR

## Performance

**Number of Clients:**

10

**Data Transfer Rate:**

10/100Mbps

**Frame Rate:**

Up to 30 fps at all resolutions

## Standards & Protocols

**General:**

IEEE 802.3 10-BASE-T (Ethernet)

IEEE 802.3u 100-BASE-TX (Fast Ethernet)

IEEE 802.3af Power over Ethernet (PoE)

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

## Features

**Backup:**

SD/SDHC card slot for local storage

**DNS:**

Easy Internet monitoring via configuration free Level1DNS™ service



## Video Features

### Image Setting:

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

### Streaming:

Up to 2 video streams

### Motion Detection:

3 Detection Zones

## Audio Features

### Streaming:

2-way audio

### Input/Output:

Built-in microphone

Mic/line input, line output

## Security Features

### Alarm and Notification:

Alarm: Motion Detection; DI/DO

Notification: HTTP, FTP, SMTP, Samba

### Encryption:

HTTPS encrypted data transmission

### Access Control:

Multi-level user access with password protection

IP address filtering

## Environment

### Operating Temperature ( ° C):

0 ° C ~ 50 ° C

### Operating Humidity (Non-condensing):

10% ~ 80%

## Power Specifications

### Power Consumption (W):

8W

### Power Input:

DC12V 1A / AC24V / 802.3af PoE

## Physical Specifications

### Dimensions (W x D x H mm):

120 x 60 x 60 mm

### Weight (g):

380 g

## Others

### Approval and Compliance:

CE, FCC

### Deployment:

Bracket for Wall/Ceiling Mount

### Operation Systems:

Microsoft Windows 7/Vista/XP

### Viewing System Requirements:

Browser: Internet Explorer 6.x or above

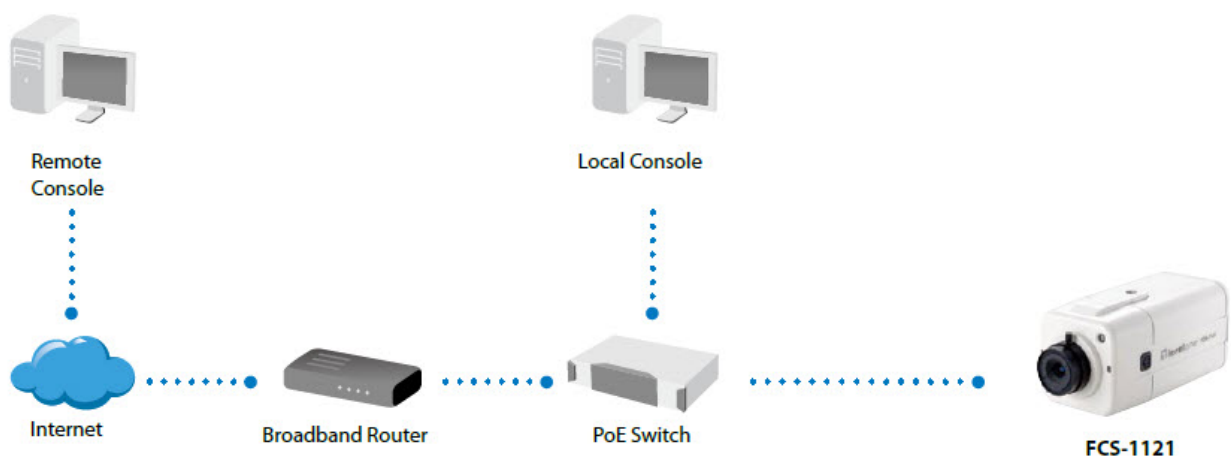
Cell phone: 3GPP player

Real Player: 10.5 or above

Quick Time 6.5 or above

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## Diagram



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## Order Information

FCS-1121

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## Package Contents

Power Adapter

Network Cable

Quick Installation Guide

CD - User Manual / Utility / 64-CH Monitoring Software