



FCS-3101 Version: 1

## Fixed Dome Network Camera, 2-Megapixel, 802.3af PoE, Day & Night, IR LEDs

The LevelOne FCS-3101 is a palm-size and stylish design quality yet cost-effective surveillance solution for the home and office. It is designed for easy and flexible installation. Equipped with a 2-Megapixel sensor and built-in IR cut filter/IR illuminator LEDs, the camera provides high resolution quality and sharp sensitivity – ideal for security applications both day and night.

The FCS-3101 is equipped with many advanced features such as Level1DNS™ Service, alarm and sensor, a micro SD/SDHC card slot and USB interface for local storage, built-in microphone communications. Moreover, Support unique features for auto tracking function of moving objects, the system can send an E-mail alert or send captured images via FTP upload to a designated storage server. The FCS-3101 is indisputably the top choice for reliable and high performance surveillance.



- 1. Housing Latch
- 2. Power Socket
- 3. PoE LAN Port
- 4. Lens

- 5. IR LED
- 6. Internal Microphone
- 7. Micro SD/SDHC Card slot
- 8. Reset Button

### Key Features

- 2-Megapixel (1920 x 1080) high-definition resolution
- Compression: H.264/MPEG-4/MJPEG
- Removable IR-cut filter for day and night surveillance
- Supports 2 video streams simultaneously
- Built-in infrared LEDs for night viewing up to 10m
- Built-in Micro SD/SDHC card slot for local storage
- Built-in microphone for audio monitoring
- Dual power support: 12VDC/PoE (IEEE 802.3af)
- Free 64-channel monitoring software included (supports iCamSecure App)



## Specifications

### System Specifications

#### Standards & Protocols:

IEEE 802.3 10-BASE-T, Ethernet

IEEE 802.3u 100-BASE-TX, Fast Ethernet

TCP/IP, HTTP, SMTP, FTP, DDNS, UPnP, NTP, PPPoE, DNS, DHCP, RTSP, Samba

#### Image Sensor:

2-Megapixel 1/2.7" Progressive Scan CMOS

#### Connectors and Cabling:

1 x RJ-45 10/100 Mbps PoE port

1 x DC Power Jack

1 x Built-in microphone

#### Modularity:

1 x MicroSDHC card slot

#### Button:

Reset Button

#### Indicator:

Power, Link

#### Lens:

Board lens, Fixed-focal, f=4.0mm, F2.0

#### IR Cut Filter:

Removable infrared-cut filter for day & night function

#### IR LED:

19 IR LEDs for illumination up to 10m

#### Shutter Time:

Indoor : 1/30 ~ 1/120 sec

Outdoor : 1/30 ~ 1/1,000,000 sec

#### Angle of View:

62°

#### Pan/Tilt/Zoom:

Digital Zoom to very high detail available on Software

#### Video Compression:

H.264 / MPEG4 / MJPEG

#### Resolution:

2M (1920x1080)

#### Video Format:

MPEG4

#### Audio Compression:

AMR / AAC / AEC

#### Power:

Power Consumption: 6W

Power Input: DC12V 1.5A / AC24V / 802.3af PoE

### Features

#### General:

Backup: MicroSDHC card slot for local storage

IPv6: IPv4/IPv6 network operation  
DNS: Easy Internet monitoring

### Security:

Alarm and Notification: Alarm: Motion Detection; Notification: FTP, SMTP, Samba  
Access Control: Multi-level user access with password protection  
IP address filtering  
HTTPS encrypted data transmission

### Video:

Image Setting: - Adjustable image size, quality and bit rate  
- Configurable brightness, sharpness, contrast, saturation, white balance and exposure  
- AGC/AWB/AES  
- Wide Dynamic Range (WDR)  
- 2D Noise Reduction (2DNR)  
- Flip & Mirror  
- Time Stamp  
Streaming: Up to 2 video streams

### Audio:

Streaming: 1-way audio  
Input/Output: Built-in microphone

## Performance

### Number of Clients:

16

### Data Transfer Rate:

10/100Mbps

### Storage Capacity:

SD/MicroSD memory card of up to 64GB

### Frame Rate:

30 fps at 1920 x 1080; 30 fps at 1280 x 720; 30 fps at 640 x 480; 15 fps at 320 x 240

### Minimum illumination:

Color: 1.0 lux at F2.0  
B/W: 0 lux (IR LED on)

## Environment

### Temperature (°C):

Operating: 0°C ~ 40°C

### Humidity (Non-condensing):

Operating: 10% ~ 80%

## Physical Specifications

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

63 x 63 x 92 mm

### Weight (g):

380 g

## Others

### Approval and Compliance:

CE, RoHS, FCC, Onvif

### Deployment:

Desktop/Ceiling Mount

### Operation Systems:

Microsoft Windows 8/7/Vista/XP



## Viewing Systems:

Browser: Internet Explorer 6.x or above, Firefox, Chrome, Safari

Cell phone: 3GPP player

Real Player: 10.5 or above

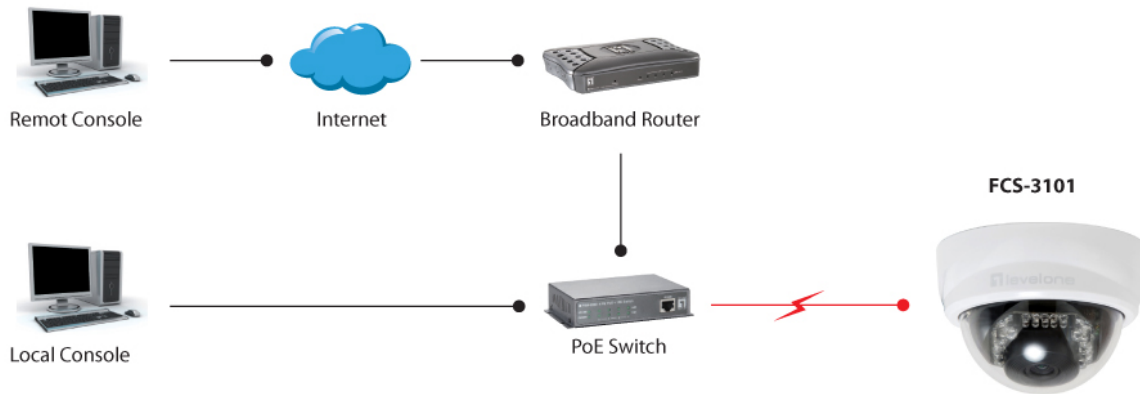
Quick Time 6.5 or above

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## Diagram

— Ethernet Cable (Data)

⚡ PoE (Power + Data)



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## Order Information

FCS-3101

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## Package Contents

FCS-3101

Power Adapter

Mounting Kit

Screw Kit

Quick Installation Guide

Resource CD (User Manual, Utility, 64-CH Monitoring Software)

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