



FCS-3101 Version: 1

## 2-Megapixel Day/Night PoE Mini Dome Network Camera

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

**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 MicroSD/SDHC card slot

**Button:**

Reset Button

**Indicator:**

Power, Link

**Lens:**

Board lens, fixed-focal, f=4.0 mm, 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°

**Video Compression:**

H.264 / MPEG4 / MJPEG

**Resolution:**

1080p (1920x1080) / SXGA (1280x1024) / WXGA (1280x800) / VGA (640x480) / QVGA (320x240) / QCIF (176x144)

**Video Format:**

AVI

**Audio Compression:**

AMR / AAC

**Power:**

Power Consumption: 6W

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

**Standards & Protocols:**

IEEE 802.3 10-BASE-T, Ethernet

IEEE 802.3u 100-BASE-TX, Fast Ethernet

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

### Physical Specifications

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

63 x 63 x 92 mm

**Weight (g):**

380g

## Performance

**Number of Clients:**

16

**Data Transfer Rate:**

10/100Mbps

**Frame Rate:**

Up to 30 fps at 1920x1080

**Minimum illumination:**

Color: 1.0 lux at F2.0

B/W: 1.0 lux at F2.0

## Features

**General:**

Backup: MicroSD/SDHC card slot for local storage

IPv6: IPv4/IPv6 network operation DNS: Easy Internet monitoring via configuration free Level1DNS™ service

**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/AEC

- Wide Dynamic Range (WDR)

- Flip & Mirror

- Time Stamp

Streaming: Up to 2 video streams

**Audio:**

Streaming: 1-way audio

Input/Output: Built-in microphone

## Environment

**Temperature (°C):**

Operating: 0°C ~ 40°C

**Humidity (Non-condensing):**

Operating: 10% ~ 80%

## Others

**Approval and Compliance:**

CE, FCC

**Deployment:**

Desktop/Ceiling Mount

**Operation Systems:**

Microsoft Windows 7/Vista/XP

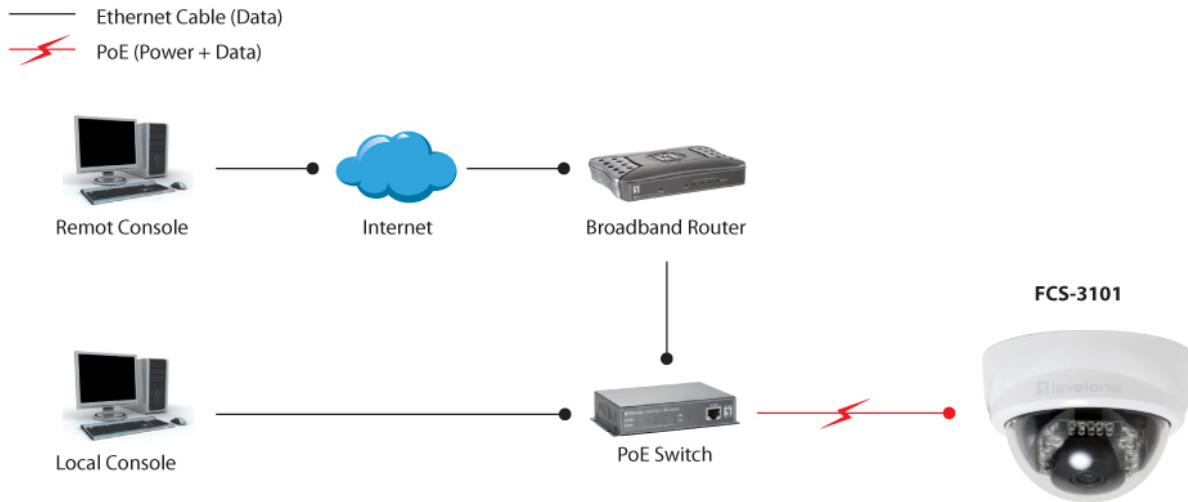


### Viewing System Requirements:

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

---

## Diagram



---

## Order Information

FCS-3101

---

## Package Contents

Power Adapter  
Mounting Kit  
Screw Kit  
Quick Installation Guide  
Resource CD (User Manual, Utility, 64-CH Monitoring Software)