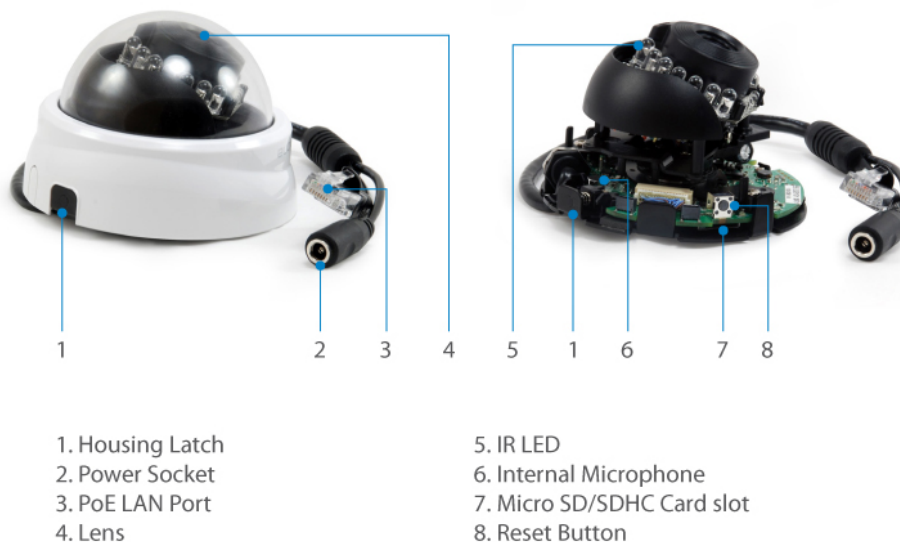ONVIF

FCS-3101 Version: 1

Fixed Dome Network Camera, 2-Megapixel, 802.3af PoE, 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
1 x MicroSDHC card slot

Button/Knob:
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 Input:
DC12V 1.5A / AC24V / 802.3af PoE

Power Consumption:
6W

Features

General:
Backup: MicroSDHC card slot for local storage
IPv6: IPv4/IPv6 network operationDNS: 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%

Deployment:
Desktop/Ceiling Mount

Physical Specifications

Dimensions (W x D x H mm):
63 x 63 x 92 mm

Weight (g):
380 g

Approval and Compliance

EMI/EMS:
CE, RoHS, FCC, Onvif

Others

Operation Systems:
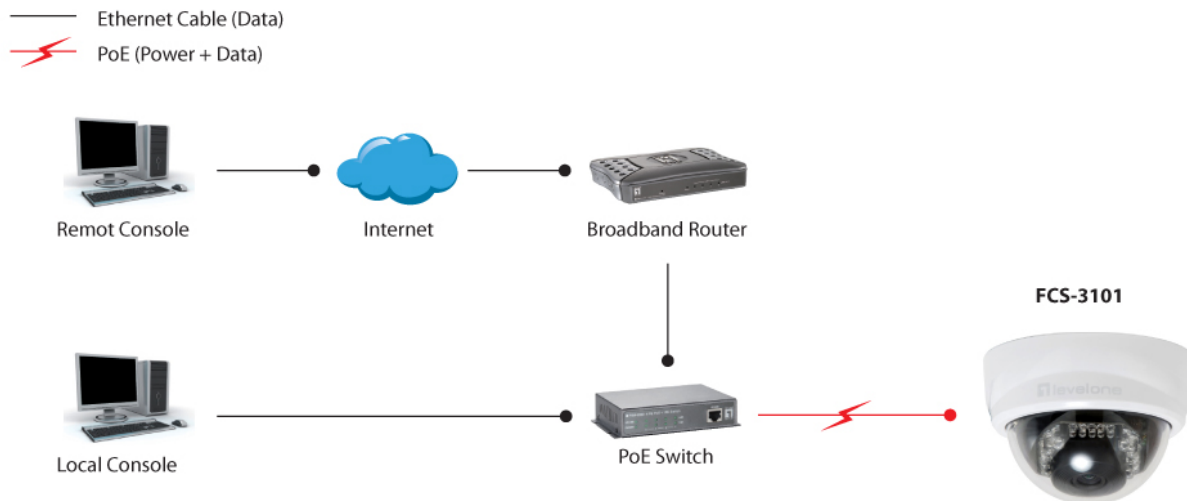Microsoft Windows 8/7/Vista/XP

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

Diagram

Order Information

FCS-3101

Package Contents

FCS-3101
Power Adapter
Mounting Kit
Screw Kit
Quick Installation Guide
Resource CD (User Manual, Utility, 64-CH Monitoring Software)