



# H.264 2-Megapixel PoE Network Camera



FCS-1151

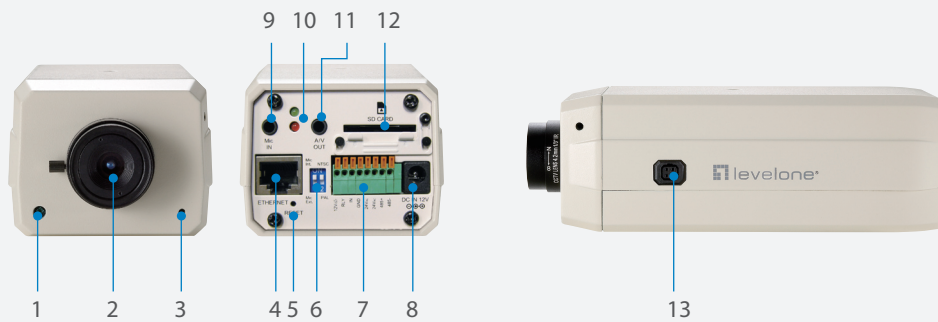
H/W Version: 1

LevelOne FCS-1151 is a professional-series fixed network camera featuring super image quality and exceptional bandwidth efficiency. It is especially suitable for wide open spaces such as building entrances and airports, or applications requiring accurate identification, such as human faces in banks or vehicle license plates in parking lots.

Featuring a 2-Megapixel sensor, and H.264/MPEG-4/MJPEG compression technology, video streams can be individually configured to meet different needs

or bandwidth constraints, thereby further reducing bandwidth and storage requirements. Users can receive multiple streams simultaneously in different resolutions, frame rates and image qualities for viewing on different platforms.

Together with PoE, QoS, activity adaptive streaming, and the included 32-CH LevelOne IP CamSecure Lite surveillance management software, the FCS-1151 is indisputably the top choice for reliable and high performance surveillance.



- 1. Light Sensor
- 2. Lens
- 3. Built-in Microphone
- 4. LAN Port
- 5. Reset
- 6. MIC & Video Switch
- 7. GPIO
- 8. DC Power In
- 9. MIC in
- 10. LEDs
- 11. Audio / Video Out
- 12. SD/SDHC Card slot
- 13. 4-pin Auto Iris Connector

## Key Features

- 2-Megapixel CMOS Sensor
- Removable IR-cut Filter for Day & Night Function
- Real-time H.264, MPEG-4 and MJPEG Compression (Triple Codec)
- Multiple Streams Simultaneously
- Video Cropping for Bandwidth Saving
- ePTZ for Data Efficiency
- Tamper Detection for Unauthorized Changes
- Built-in 802.3af Compliant PoE
- Built-in SD/SDHC Card Slot for On-board Storage
- \*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](http://www.level1.com) for free 64-CH Monitoring Software (Supports iCamSecure Apple App and iOS Safari)

## Technical Specification

### Camera

#### Image Sensor

Image Sensor : 1/3.2" CMOS sensor  
 Picture Elements : 1600(H) x 1200(V)  
 Minimum Illumination : 0.1 lux @ F 1.2  
 Shutter Speed: 1/5 sec. to 1/40,000 sec.

#### Lens

Lens Type : Fixed lens (CS-mount)  
 Focal Length: f=4.2mm / F1.8  
 A.O.V. (HOR): 75°  
 Image Format : 1/3"  
 IR, MegaPixel

### Video

#### Video

- Compression: H.264, MPEG-4 & MJPEG
- Streaming:
  - Simultaneous multiple streams
  - H.264 streaming over UDP, TCP, HTTP or HTTPS
  - MPEG-4 streaming over UDP, TCP, HTTP or HTTPS
  - MPEG-4 multicast streaming
  - MJPEG streaming over HTTP or HTTPS
- Supports activity adaptive streaming for dynamic frame rate control
- Supports video cropping for bandwidth efficiency
- Supports ePTZ for data efficiency
- Supports 3GPP mobile surveillance
- Frame rates:
  - 1600x1200 @ 15/12.5 fps
  - 1280x720 @ 30/25 fps
  - 800x600 @ 30/25 fps
- Interface:
  - NTSC/PAL video output switch

#### Image Setting

- Adjustable image size, quality and bit rate
- Time stamp and text caption overlay
- Flip & mirror
- Configurable brightness, contrast, saturation, sharpness, white balance and exposure
- AGC, AWB, AES
- Automatic, manual or scheduled day/night mode
- BLC (Backlight Compensation)
- Supports privacy masks

#### Zoom

Digital Zoom: 4x

### Audio

#### Compression:

- GSM-AMR speech encoding, bit rate: 4.75 kbps to 12.2 kbps
- MPEG-4 AAC audio encoding, bit rate: 16 kbps to 128 kbps
- G.711 audio encoding, bit rate: 64 kbps,  $\mu$ -Law or A-Law mode selectable

#### Interface:

Built-in microphone  
 External microphone input  
 Audio/Video output  
 External/Internal microphone switch  
 Supports two-way audio via SIP protocol  
 Supports audio mute

### Network

- 10/100 Mbps Ethernet, RJ-45
- Protocols: IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, PPPoE, CoS, QoS, SNMP and 802.1x
- Onvif Support

### Security

- Multi-level user access with password protection
- IP address filtering
- HTTPS encrypted data transmission
- 802.1X port-based authentication for network protection

### Mechanical

#### LED Indicator:

- System power and status indicator
- System activity and network link indicator

#### Alarm and Event Management

- Triple-window video motion detection
- Tamper detection
- One D/I and one D/O for external sensor and alarm
- Event notification using HTTP, SMTP or FTP
- Local recording of MP4 file

#### On-board Storage

- SD/SDHC card slot
- Stores snapshots and video clips

#### Users

- Live viewing for up to 10 clients

### General

#### Hardware

Flash ROM: 128MB  
 SD RAM:256MB

#### Operating Temperature:

0°C ~ 50°C

#### Operating Conditions:

Humidity: 90% RH,

#### Power :

12V DC / 24V AC  
 Power consumption: Max. 8 W  
 802.3af compliant Power-over-Ethernet

#### Certification:

CE, FCC, RoHS Compliant

#### Dimension:

153 x 72 x 55 mm (L x W x H) (w/o lens)

#### Weight:

664g

### Viewing System Requirements

#### Operating system

Microsoft Windows 2000, XP, Vista, 7

#### Web browser

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

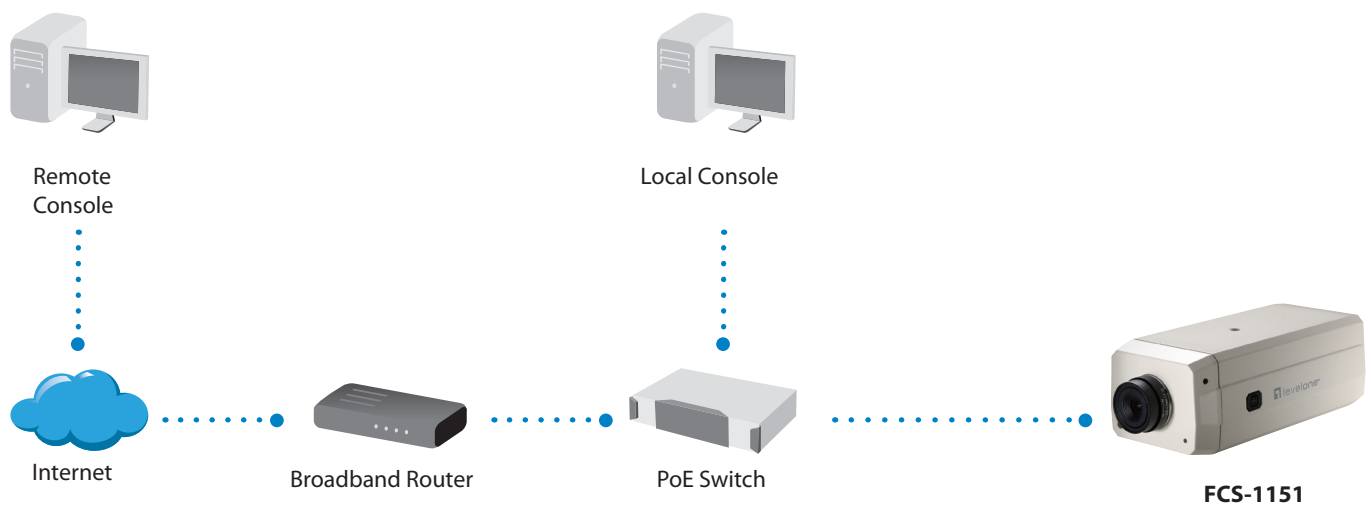
#### Cell phone viewer

3GPP player

#### Stream player

Real Player 10.5 or above  
 Quick Time 6.5 or above

## Product Diagram



## Order Information

### Package Contents

**FCS-1151:** H.264 2-Megapixel PoE Network Camera

FCS-1151  
Power Adapter  
Camera Stand  
A/V cable  
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