



FCS-5042 Version: 1

## Zoom Network camera, PoE 802.3af, IR LEDs, 2-Megapixel, Day & Night, Outdoor

The LevelOne FCS-5042 is the perfect solution for day/night surveillance installations such as school campuses, railway stations and parking lots. The bullet network surveillance camera features a 2-megapixel lens with 10x optical zoom, and is housed in an ultra-secure IP66-rated weatherproof casing. High power infrared LEDs (30m) give the camera excellent visual performance at night, coupled with 3DNR (3-Dimension Noise Reduction) and WDR (Wide Dynamic Range) which produce highly reliable, crystal-clear images under any conditions. It also equipped with a BNC connector for attaching the camera directly to an analog monitor, IR-cut filter, a built-in Micro SD/SDHC card and 10 motion-detection zones. The device also offers flexible installation, supporting three power options (12 VDC/24 VAC/PoE) and a mounting bracket. The FCS-5042 is an absolutely premium choice for reliable and high performance surveillance.



### Key Features

- 2-Megapixel (1920 x 1080) high-definition resolution
- Supports 10x optical zoom
- Built-in infrared LEDs for night viewing up to 30m
- Compression: H.264/MPEG-4/MJPEG



- Removable IR-cut filter for day and night surveillance
- Built-in Micro SD/SDHC card slot for local storage
- 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 3.5mm line out

1 x 3.5mm mic/line in

1 x power terminal block

1 x BNC analog video output

**Modularity:**

1 x MicroSD/SDHC card slot

**Button:**

Reset Button

**Indicator:**

Link/ Act

**Lens:**

10X optical zoom lens, varifocal, f=4.9 ~ 49 mm, F1.8 ~ 3.0

**IR Cut Filter:**

Removable infrared-cut filter for day & night function

**IR LED:**

4 high power IR LEDs for illumination up to 30m

**Shutter Time:**

1~ 1/10,000 sec.

**Angle of View:**

Fov(D), 66.6° ~ 7.2°

**Pan/Tilt/Zoom:**

10x optical zoom

4x digital zoom

**Video Compression:**

H.264 / MPEG4 / MJPEG

**Resolution:**

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

**Video Format:**

MPEG4

**Audio Compression:**

G.711 / AMR / AAC

**Power:**

Power Consumption: 10W

Power Input: DC12V 1.5A / 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

## Features

### General:

Backup: MicroSD/SDHC card slot for local storage

### 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: 2-way audio

Input/Output: External microphone

## Performance

### Number of Clients:

16

### Data Transfer Rate:

10/100Mbps

### Frame Rate:

Up to 25 fps at 1920x1080

### Minimum illumination:

Color: 1.0 lux at F2.0

B/W: 1.0 lux at F2.0

## Environment

### Temperature (°C):

Operating: -20°C ~ 50°C

### Humidity (Non-condensing):

Operating: 10% ~ 85%

## Physical Specifications

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

75 x 165 x 75mm

### Weight (g):

800 g

### Enclosure:

Weatherproof IP66-rated housing

## Others



**Approval and Compliance:**

CE, FCC

**Deployment:**

Wall/Ceiling Mount

**Operation Systems:**

Microsoft Windows 7/Vista/XP/windows8

**Viewing System Requirements:**

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

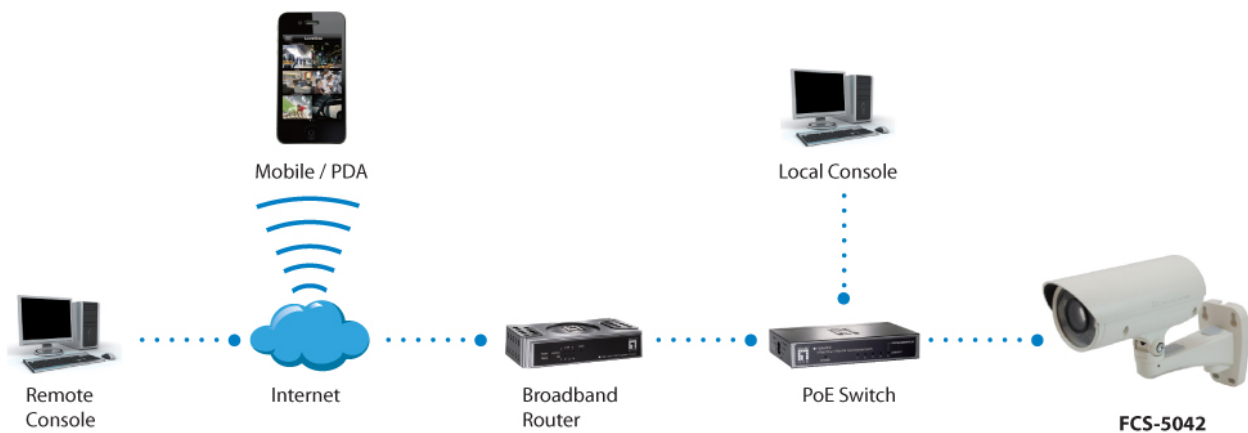
Cell phone: 3GPP player

Real Player: 10.5 or above

Quick Time 6.5 or above

---

**Diagram**



---

**Order Information**

FCS-5042

---

**Package Contents**

Power Adapter

Mounting Kit

Screw Kit

Quick Installation Guide

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

All mentioned brand names are registered trademarks and property of their owners.  
Copyright © Digital Data Communications GmbH, Germany. All Rights Reserved.