



FCS-5042 2MP 10x: 1

## Zoom Network camera, 2-Megapixel, Outdoor, 802.3af PoE, IR LEDs, 10x Optical Zoom

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.



- 1. IR LED
- 2. Light sensor
- 3. Lens
- 4. Cable Management bracket

- 5. Power (DC 12V)
- 6. Power Terminal block
- 7. BNC Connector
- 8. Audio In

- 9. Audio Out
- 10. Power (DC 12V)

### Key Features

- 2-Megapixel (1920 x 1080) Resolution
- Supports 10x optical zoom
- 30 m IR LEDs
- H.264/MPEG-4/MJPEG
- 30m IR LEDs
- Micro SD/SDHC
- 12VDC/PoE (IEEE 802.3af)
- Weatherproof IP66-rated with wide operating temperature (-20°C to 50°C) for harsh environments



## System Specifications

### Standards & Protocols:

IEEE 802.3 10-BASE-T, Ethernet

IEEE 802.3u 100-BASE-TX, Fast Ethernet

TCP/IPv4, 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 10/100/1000 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 MicroSDHC card slot

### Button:

Reset Button

### Indicator:

Link/ Act

### Lens:

zoom, Auto iris, Auto focus, f=4.9 ~ 49mm, 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:

2M (1920x1080)

### Video Format:

MPEG4

### Audio Compression:

G.711 / AMR / AAC

### Power:

Power Consumption: 10W

Power Input: DC12V 1.5A / 802.3af PoE

## Features

**General:**

Backup: MicroSDHC 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)

- 3D Noise Reduction (3DNR)

- 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:**

10/100/1000Mbps

**Storage Capacity:**

SD/MicroSD memory card of up to 64GB

**Frame Rate:**

25 fps at 1920x1080

**Minimum illumination:**

Color: 1.0 lux at F2.0

B/W: 0 lux (IR LED on)

**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:**

Weather proof IP66-rated housing

**Others****Approval and Compliance:**

CE, FCC, Onvif



**Deployment:**

Wall/Ceiling Mount

**Operation Systems:**

Microsoft Windows 8/7/Vista/XP

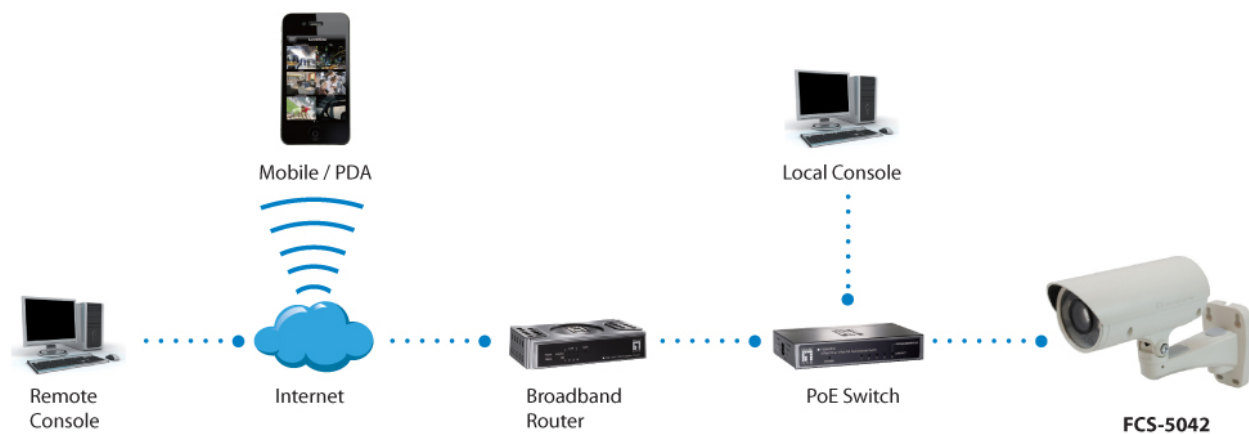
**Viewing Systems:**

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



**Order Information**

FCS-5042

**Package Contents**

FCS-5042

Power Adapter

Mounting Kit

Screw Kit

Quick Installation Guide

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

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