



FCS-5042 Version: 1

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



### 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)



- Weatherproof IP66-rated with wide operating temperature (-20°C to 50°C) for harsh environments
- Free 64-channel monitoring software included (supports iCamSecure App)

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## Specifications

### 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, RoHS, 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

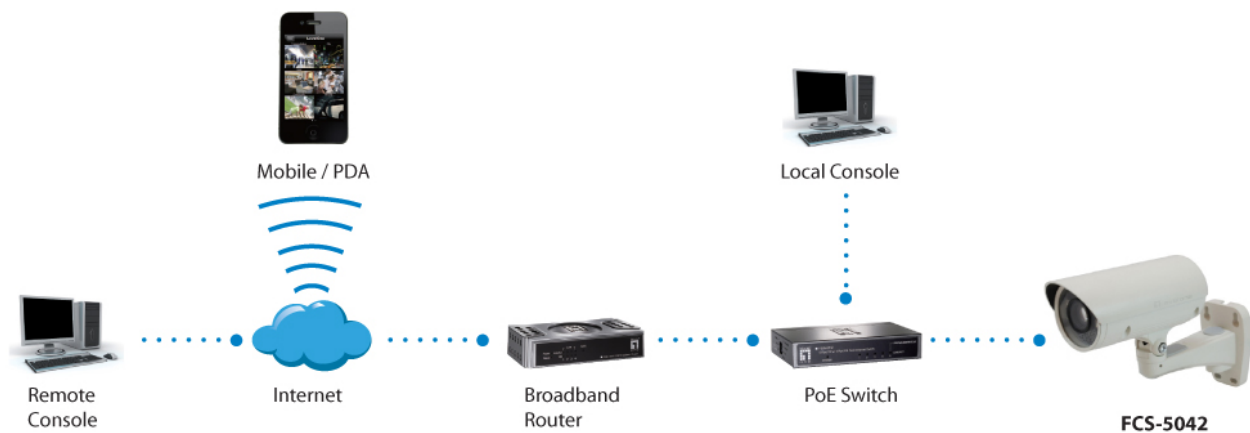
Cell phone: 3GPP player

Real Player: 10.5 or above

Quick Time 6.5 or above

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## Diagram



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## Order Information

FCS-5042

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## 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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