



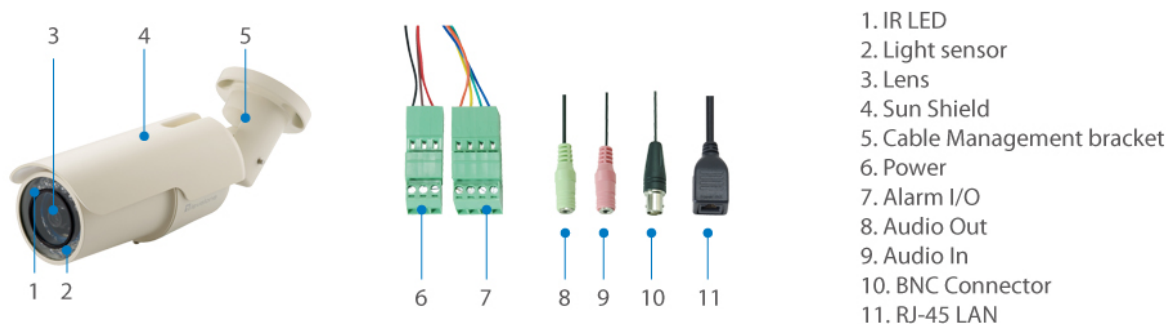
FCS-5061 Version: 1

## 5-Megapixel Day/Night PoE-Plus Outdoor Network Camera

The LevelOne FCS-5061 is a Day/Night 5-Megapixel PoE-Plus Outdoor Camera is designed for flexible surveillance installation under the most demanding weather conditions. This camera is installation ready with an IP66-rated weather proof outdoor enclosure, built-in heater for -40°C to 50°C harsh environments 24 hours surveillance.

Together with 23 Infrared LEDs and a removable IR-cut filter, the FCS-5061 is perfect for delivering low-noise images in total darkness, at a distance of up to 30 meters. No need to install this camera near a power source, power and data are received through a single Ethernet cable using Power over Ethernet Plus (PoE+) technology. It is also equipped with one BNC connector for analog video output and one digital input/output (1DI/1DO) for alarm and sensor.

Supports video resolution of up to 2592x1944 with H.264/MJPEG video compression. It simultaneously supports 4 individual video streams for consistent quality viewing. Featuring 3DNR (3-Dimension Noise Reduction) and WDR (Wide Dynamic Range) technology, the LevelOne FCS-5061 maintains the highest image quality for ski resorts, mountain patrol stations, northern border crossings, cell towers and other outdoor applications in extreme cold regions.



### Key Features

- 5-Megapixel (2592 x 1944) high-definition resolution
- Weatherproof IP66-rated with wide operating temperature (-40°C to 50°C) for harsh environments
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- Built-in infrared LEDs for night viewing up to 30m



- Features 3DNR (3-Dimension Noise Reduction) to produce extremely clear picture quality even under low light condition
- Features WDR (Wide Dynamic Range) to enhance visibility under extremely bright or dark environments
- Compression: H.264/MJPEG
- BNC connector for analog video output
- Digital input/output (1DI/1DO) for sensor and alarm
- Built-in Micro SD/SDHC card slot for local storage
- Supports IPv4/IPv6 network operation
- Dual power support: 24VAC/PoE (IEEE 802.3af/at)
- Free 64-channel monitoring software included (supports iCamSecure App)

---

## Highlight

### Exceptional Image Quality

With built-in 3DNR (3-Dimension Noise Reduction) and WDR (Wide Dynamic Range) technology, the camera is able to filter the intense backlight surrounding a subject and remove noises from video signal. The result is that an extremely clear and exquisite picture quality can be produced even under any challenging lighting conditions.

### Operate Effectively under the Toughest Weather Conditions

LevelOne network cameras are the perfect solution to help you perform surveillance in a severe cold environment. The device has a built-in heater which allows it to operate in temperature as low as -40 degrees Celsius.

### Flexible Power Options

Featuring the latest PoE-Plus (Power-over-Ethernet) function which ensures that the power will be used more efficiently due to the maximum power will only be requested when it is needed. Thus providing great cost savings by reducing power bills and eliminating the need for additional power cables and outlets. In addition, 24VAC power supply options are available in case you don't have PoE-Plus power ready.

### Free bundled 64-channel Management Software

We aim to offer you the most versatile and comprehensive surveillance solutions. Our free IP CamSecure software coming allows you to monitor up to 64 IP cameras simultaneously on one screen to enhance scalability. For added convenience and flexibility, the software includes various advanced features such as scheduling recording, event alert, and heaps more. In addition, simply install our free iCamSecure App to your smartphone and connect to the PC with IP CamSecure software installed, you will easily turn your iPhone/Android smartphone into a portable surveillance system for real-time monitoring and snapshot.

---

## Works Well With



### **POR-1100**

Outdoor PoE Repeater

---

## Specifications

### System Specifications

#### Image Sensor:

5-Megapixel 1/2.5" Progressive Scan CMOS

#### Connectors and Cabling:

1 x RJ-45 10/100 Mbps PoE-Plus port

1 x 3.5mm line out

1 x 3.5mm mic/line in

1 x BNC analog video output

I/O terminal block (1 DI/1 DO)

**Modularity:**

1 x MicroSD/SDHC card slot

**Button:**

Reset Button

**Indicator:**

Link & Act

**Lens:**

Board lens, fixed-focal, f=6.0 mm, F1.6

**IR Cut Filter:**

Removable infrared-cut filter for day & night function

**IR LED:**

23 IR LEDs for illumination up to 30m

**Shutter Time:**

1~ 1/10000 sec.

**Angle of View:**

57°

**Pan/Tilt/Zoom:**

8x digital zoom

**Video Compression:**

H.264 / MJPEG

**Resolution:**

5M (2592x1944) / 3M (2048x1536) / 2M (1920x1080) / SXGA (1280x1024) / 1M (1280x720) / XGA (1024x768) / SVGA (800x600) / D1 (720x480) / VGA (640x480) / CIF (352x240)

**Video Format:**

AVI

**Audio Compression:**

G.711 / G.726

**Power:**

Power Consumption: System: 5W, Built-in IR LED: +3W, Heater: +12W

Power Input: AC24V / 802.3at PoE Plus

**Standards & Protocols:**

IEEE 802.3 10-BASE-T, Ethernet

IEEE 802.3u 100-BASE-TX, Fast Ethernet

IEEE 802.3af/at Power over Ethernet (PoE)

IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS

## Physical Specifications

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

90 x 195 x 90 mm

**Weight (g):**

940 g

**Enclosure:**

Weatherproof IP66 rated housing

## Performance

**Number of Clients:**

**Data Transfer Rate:**

10/100Mbps

**Frame Rate:**

Up to 10 fps at 2592x1944

Up to 15 fps at 2048x1536

Up to 30 fps at 1920x1080

**Minimum illumination:**

Color: 0.1 lux at F1.6

B/W: 0 lux at F1.6

## Features

**General:**

Backup: MicroSD/SDHC card slot for local storage

IPv6: IPv4/IPv6 network operation

**Security:**

Alarm and Notification: Alarm: Motion Detection; Tampering Detection; Network Failure Detection; DI/DO

Notification: HTTP, FTP, SMTP

Access Control: Multi-level user access with password protection

IP address filtering

IEEE 802.1X network access control

HTTPS encrypted data transmission

**Video:**

Image Setting: - Adjustable image size, quality and bit rate

- Configurable brightness, sharpness, contrast, saturation, white balance and exposure

- ACG/AWB/AES

- Back Light Compensation (BLC)

- Wide Dynamic Range (WDR)

- 3D Noise Reduction (3DNR)

- Flip & Mirror

- Portrait Mode

- Privacy Mask

- Time Stamp and Text Caption Overlay

Image Layout:

Streaming: Up to 4 video streams

Motion Detection: 10 Detection Zones

**Audio:**

Streaming: 2-way audio

Input/Output: Mic/line input, line output

## Environment

**Temperature (°C):**

Operating: -40°C ~ 50°C, powered by AC24V/PoE-Plus

**Humidity (Non-condensing):**

Operating: 10% ~ 90%

## Others

**Approval and Compliance:**

CE, FCC, ONVIF

**Deployment:**

Cable Management Bracket for Wall/Ceiling Mount

**Operation Systems:**

Microsoft Windows 7/Vista/XP

#### Viewing System Requirements:

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

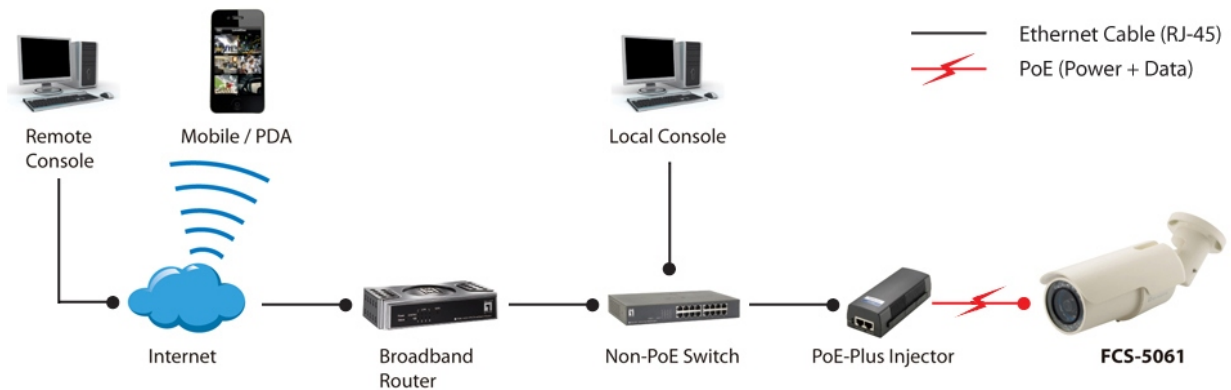
Cell phone: 3GPP player

Real Player: 10.5 or above

Quick Time 6.5 or above

---

## Diagram



---

## Order Information

FCS-5061

---

## Package Contents

PoE-Plus Injector (30W)

Sun Shield

Bracket

Quick Installation Guide

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