



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



FCS-5061

H/W Version: 1

## Product Overview

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 and IR LEDs for -40°C to 50°C harsh environments 24 hours surveillance . No need to install this camera near a power source, power and data are received through a single Ethernet cable using Power over Ethernet (PoE) technology. It offers a perfect solution especially for ski resorts, mountain patrol stations, northern border crossings, cell towers and other outdoor applications in extreme cold regions.

## 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.

## 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
- Built-in infrared LEDs for night viewing up to 30m
- IEEE 802.3at PoE plus compliant to simplify deployment and installation
- 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
- Built-in Micro SD/SDHC card slot for local storage
- Dual power support: PoE-Plus (IEEE 802.3at)/AC24V
- Free 64 channel monitoring software included (supports iCamSecure App)

## 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, AC24V power supply options are available in case you don't have PoE Plus power ready.

## 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.

## 64-channel Management Software

The surveillance software bundling with our product helps you manage multiple cameras at the same time. You can easily monitor video from up to 64 cameras on a single screen.

## Works Well With



**FCS-9464**  
IP CamSecure Pro64 Mega  
(64-channel)



**POR-1100**  
Outdoor PoE Repeater

## Technical Specification

### Camera

#### Image Sensor

5-Megapixel 1/2.5" Progressive Scan CMOS

#### Effective Pixels

2592x1944

#### Lens

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

#### Angle of View (H)

57°

#### Minimum Illumination

0.1 Lux / F1.6 (Without IR LED )

0 Lux / F1.6 ( With IR LED )

#### IR Cut Filter

Removable infrared-cut filter for day & night function

#### Shutter Time

1~ 1/10000 sec.

#### Pan/Tilt/Zoom

8x digital zoom

#### IR LED

23 IR LEDs for illumination up to 30m

### Video

#### Video Compression

H.264 / MJPEG

#### Resolutions

2592 x 1944 (5M) / 2048 x 1536 (3M) / Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF

#### Frame Rate

Up to 10 fps at 2592x1944

Up to 15 fps at 2048x1536

Up to 30 fps at 1920x1080

#### Video Streaming

Multiple simultaneous streams, up to 4 streams

#### 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

#### Video Format

AVI

### Audio

#### Audio Streaming

2-way audio

#### Audio Compression

G.711 / G.726

#### Audio Input/Output

Mic/line input, line output

### Network

#### Networking

10/100 Mbps Ethernet, RJ-45

#### Security

Multi-level user access with password protection  
IP address filtering  
HTTPS encrypted data transmission  
IEEE 802.1X network access control

#### Supported protocols

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

#### Number of clients

20

### Alarm and Event Management

#### Motion Detection

10 Detection Zones

#### Other Events

Tampering Detection

Network Failure Detection

#### Notification

HTTP, FTP, SMTP

#### DI/DO

1 D/I and 1 D/O for external sensor and alarm

### General

#### Local storage

MicroSD/SDHC card slot

#### Power

AC24V / 802.3at PoE-Plus

Power Consumption (Max.)

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

#### Connectors

RJ-45 10BASE-T/100BASE-TX

3.5mm line out

3.5mm mic/line in

I/O terminal block (DI/DO)

AC power terminal block

BNC analog video output

#### LED Indicator

Link/Act

#### Button

Reset Button

#### Operating Temperature (°C)

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

#### Operating Humidity (Non-condensing)

10% to 90%

#### Housing

Weather-proof IP66 rated housing

Mounting bracket w/ cable management

#### Dimensions

ø87 x 193 mm (without bracket)

#### Weight

940 g

#### Approvals

CE, FCC

#### Viewing System Requirements

OS: Microsoft Windows 7/Vista/XP

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

Cell phone: 3GPP player

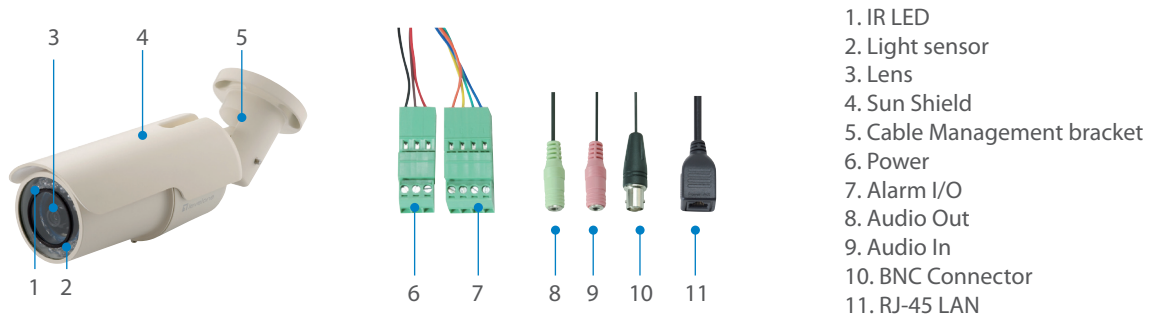
Real Player: 10.5 or above

Quick Time 6.5 or above

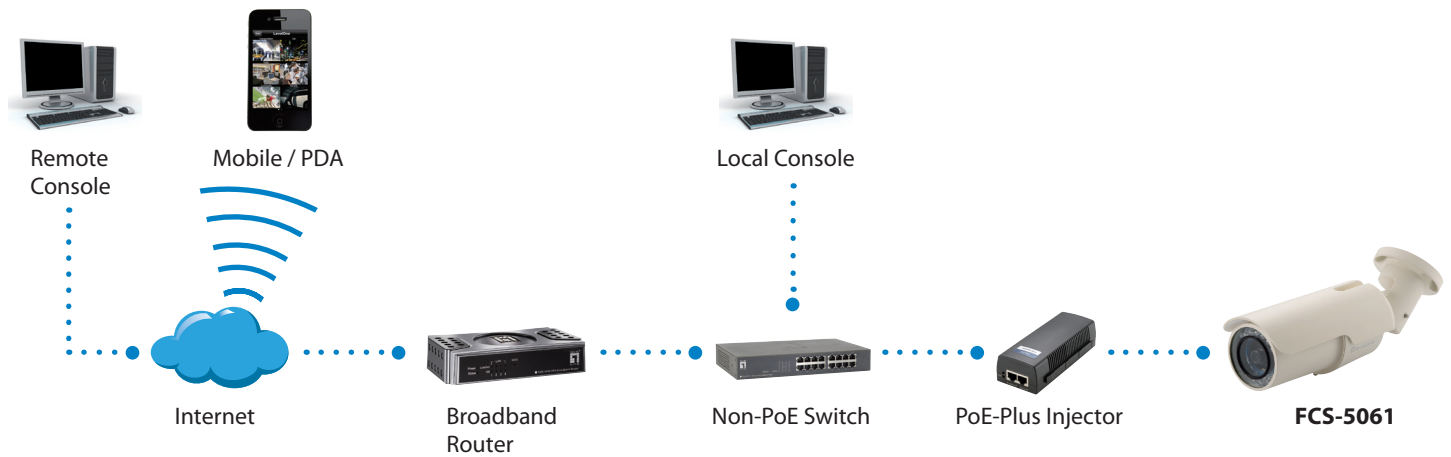
#### Bundled Software

Bundled with 64-Channel LevelOne IP CamSecure surveillance management software

## Front View and Rear View



## Product Diagram



## Order Information

### Package Contents

**FCS-5061:** 5-Megapixel Day/Night PoE-Plus Outdoor Network Camera

FCS-5061  
PoE-Plus Injector (30W)  
Sun Shield  
Camera Bracket  
Quick Installation Guide  
CD Manual / Utility