



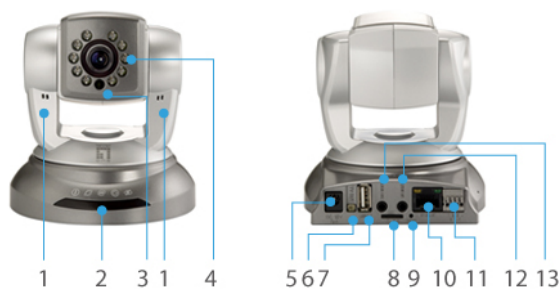
FCS-6010 Version: 1

## Tag/Nacht 1.3 Megapixel P/T PoE Netzwerk Kamera

The LevelOne FCS-6010 with built-in high performance H.264 1.3-Megapixel CMOS sensor delivers high quality images up to 1280x1024 resolution, and the motorized Pan and Tilt provides a viewing angle of  $\pm 355^\circ$  pan and  $\pm 135^\circ$  tilt. It is able to broadcast live images to your mobile phone or PDA, and supports 3GPP/ ISMA RSTP format for 3G mobile phones. With built-in cutting edge technology of remote viewing, users are allowed to have flexible remote live views of up to 16 cameras monitored simultaneously from a central web interface.

The FCS-6010 features 10 IR illuminators built around the lens for a clear view at night up to 10m distance. With the built-in ICR, the FCS-6010 provides a good video quality in both day and night.

The LevelOne FCS-6010 supports triple-mode video compression. In order to achieve the highest video quality and/or faster video transmission, users can select MJPEG, MPEG4 or H.264 compression mode depending on their network settings. In addition, the FCS-6010 provides many advanced features, including PoE, DI/DO, TV out (video), 2-way audio, Micro-SD/SDHC card slot for local storage and a USB port for an upgrade to wireless connections by optional with WUA-0606 (150Mbps Wireless USB Adapter).



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|----------------------|-----------------------|
| 1. MIC               | 8. Micro SD/SDHC Slot |
| 2. Status LEDs       | 9. Reset Button       |
| 3. Auto Light Sensor | 10. Ethernet          |
| 4. IR LEDs           | 11. DI/DO             |
| 5. DC Jack           | 12. Audio In          |
| 6. TV Out (Video)    | 13. Audio Out         |
| 7. USB Port          |                       |

### Key Features

- 1,3-Megapixel (1280x1024) HD-Auflösung
- Komprimierung: H.264/MPEG-4/MJPEG
- Integrierte IR-LEDs für den Einsatz bei Nacht mit 10 m Reichweite
- Unterstützt 355-Grad-Schwenken und 135-Grad-Neigen
- Integriertes Mikrofon und externe Lautsprecher für 2-Wege-Audio-Kommunikation



- Digitaler Ein-/Ausgang (1DI/1DO) für Sensor und Alarm
- Einfache Internetüberwachung über konfigurationsfreien Level1DNS™-Service
- Entfernbare IR-Sperrfilter für Tag- und Nachtbeobachtungen
- Unterstützt Bewegungserkennung und Benachrichtigung zu Ereignissen über E-Mail oder FTP
- Eingebauter USB-Port für optionalen USB 11n WiFi-Dongle
- Integrierter microSD/SDHC-Kartenschlitz und USB-Port zur lokalen Speicherung
- Stromversorgung durch 12VDC Netzteil oder PoE (IEEE 802.3af)

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## Highlight

### Flexible Power Options

Featuring PoE (Power-over-Ethernet) capability, the device receives electrical power using Ethernet cabling from a PoE PSE (Power Sourcing Equipment) device, for instance it could be a PoE switch. Thus providing great cost savings by eliminating the need for additional power cables and outlets. In addition, our camera also supports power 12VDC through an optional external power supply in case you don't have a PSE device.

### Kostenlos mitgelieferte 64-Kanal-Verwaltungssoftware

Es ist unser Ziel, Ihnen vielseitigste und umfassendste Überwachungslösungen zu bieten. Unsere kostenlose IP CamSecure-Software ermöglicht Ihnen zur Steigerung der Skalierbarkeit die Überwachung von bis zu 64 IP-Kameras gleichzeitig an einem Bildschirm. Für zusätzliche Benutzerfreundlichkeit und Flexibilität umfasst die Software verschiedene erweiterte Funktionen, wie Aufnahme nach Zeitplan, Ereignisalarm und vieles mehr. Zusätzlich können Sie unsere kostenlose iCamSecure-App einfach auf Ihrem Smartphone installieren und eine Verbindung zu Ihrem PC mit installierter IP CamSecure-Software herstellen; dadurch verwandelt sich Ihr iPhone/Android-Smartphone in ein tragbares Überwachungssystem zur Echtzeitüberwachung und Erstellung von Schnappschüssen.

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## Works Well With



**POI-2002**  
PoE Injector



**WUA-0606**  
150-Mb/s-Drahtlos-Nano-USB-Netzwerkadapter

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## Specifications

### System Specifications

#### Image Sensor:

1.3-Megapixel 1/2.5" Progressive Scan CMOS

#### Connectors and Cabling:

- 1 x RJ-45 10/100 Mbps PoE port
- 1 x 3.5mm line out
- 1 x 3.5mm mic/line in
- 1 x TV Out (Video)
- 1 x USB Port (for optional WiFi dongle/USB flash drive)
- 1 x DC Power Jack
- I/O terminal block (1 DI/1 DO)

#### Modularity:

- 1 x MicroSD/SDHC card slot

**Button:**

Reset Button

**Indicator:**

Power, Ethernet, Internet, Upgrade/ Reset, Privacy

**Lens:**

Board lens, fixed-focal, f=4 mm, F1.5

**IR Cut Filter:**

Removable infrared-cut filter for day & night function

**IR LED:**

10 IR LEDs for illumination up to 10m

**Shutter Time:**

1/30 ~ 1/10,000 sec.

**Angle of View:**

76.7°

**Pan/Tilt/Zoom:**

Pan range: ±355°(-177.5° ~ +177.5°)

Tilt range: ±135° (-45° ~ +90°)

Auto pan mode

Auto patrol mode

10x digital zoom

**Video Compression:**

H.264 / MPEG4 / MJPEG

**Resolution:**

1280x1024 / 640x512 / 320x256

**Video Format:**

Store to PC: ASF

Store to SD card: MP4

**Audio Compression:**

G.711 / AMR

**Power:**

Power Consumption: 12W

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

IEEE 802.3af Power over Ethernet (PoE)

TCP/IP, UDP, ICMP, DHCP, NTP, DNS, DDNS, SMTP, FTP, HTTP, Samba, PPPoE, UPnP, Bonjour, RTP, RTSP, RTCP

## Physical Specifications

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

108 x 112 x 108 mm

**Weight (g):**

410 g

## Performance

**Number of Clients:**

10

**Data Transfer Rate:**



10/100Mbps

**Frame Rate:**

Up to 30 fps at all resolutions

**Minimum illumination:**

Color: 0.5 lux at F1.5

B/W: 0 lux at F1.5

## Features

**General:**

Backup: MicroSD/SDHC card slot & USB port for local storage

DNS: Easy Internet monitoring via configuration free Level1DNS™ service

**Security:**

Alarm and Notification: Alarm: Motion Detection; DI/DO

Notification: HTTP, 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/AES

- Flip & Mirror

- Privacy Mask

- Time Stamp and Text Caption Overlay

Image Layout:

Streaming: Up to 2 video streams

Motion Detection: 3 Detection Zones

**Audio:**

Streaming: 2-way audio

Input/Output: Built-in microphone

Mic/line input, line output

## Environment

**Temperature (°C):**

Operating: 0°C ~ 50°C

**Humidity (Non-condensing):**

Operating: 20% ~ 80%

## Others

**Approval and Compliance:**

CE, FCC

**Deployment:**

Desktop/Ceiling Mount

**Operation Systems:**

Microsoft Windows 7/Vista/XP

**Viewing System Requirements:**

Browser: Internet Explorer 6.x or above

Cell phone: 3GPP player

Real Player: 10.5 or above

Quick Time 6.5 or above

## Diagram



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## Order Information

FCS-6010

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## Package Contents

Power Adapter  
RJ45 Ethernet Cable  
BNC Cable  
Bracket  
Quick Installation Guide  
Resource CD (User Manual, Utility, 64-CH Monitoring Software)