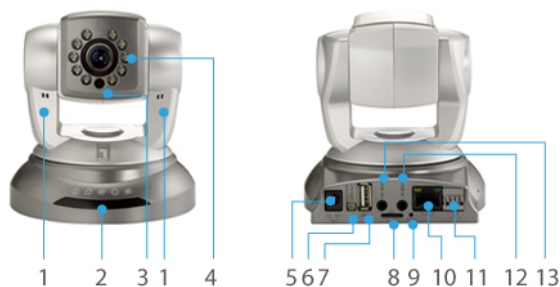![LevelOne logo]

FCS-6010 Version: 1

1.3-Megapixel Day/Night P/T PoE Network Camera

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 ± 355° pan and ± 135° tilt. It is able to broadcast live images to your mobile phone or PDA, and supports 3GPP/ISMA RSTP format for 3G mobile phones.

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).

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

Key Features

- 1.3-Megapixel (1280x1024) high-definition resolution
- Compression: H.264/MPEG-4/MJPEG
- Built-in infrared LEDs for night viewing up to 10m
- Supports 355° pan and 135° tilt
- Built-in microphone and external speaker for 2-way audio communication
- Digital input/output (1DI/1DO) for sensor and alarm
- Easy Internet monitoring via configuration free Level1DNS™ service
- Removable IR-cut filter for day and night surveillance

- Supports motion detection and event notification via e-mail or FTP
- Build-in USB port for optional USB 11n Wi-Fi dongle
- Built-in Micro SD/SDHC card slot and USB port for local storage
- Dual power support: 12VDC/PoE (IEEE 802.3af)

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.

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

POI-2002
PoE Injector

WUA-0606
150Mbps Wireless Nano USB Network Adapter

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 or 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

Minimum illumination:
Color: 0.5 lux at F1.5
B/W: 0 lux at F1.5

Shutter Time:
1/30 ~ 1/10,000 sec.

Angle of View (H):
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

Performance

Number of Clients:
10

Data Transfer Rate:
10/100Mbps

Frame Rate:
Up to 30 fps at all resolutions

Standards & Protocols

General:
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

Features

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

DNS:

Easy Internet monitoring via configuration free Level1DNS™service

Video Features

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

Streaming:
Up to 2 video streams

Motion Detection:
3 Detection Zones

Audio Features

Streaming:
2-way audio

Input/Output:
Built-in microphone
Mic/line input, line output

Security Features

Alarm and Notification:
Alarm: Motion Detection; DI/DO
Notification: HTTP, FTP, SMTP, Samba

Encryption:
HTTPS encrypted data transmission

Access Control:
Multi-level user access with password protection
IP address filtering

Environment

Operating Temperature (°C):
0°C ~ 50°C

Operating Humidity (Non-condensing):
20% ~ 80%

Power Specifications

Power Consumption (W):
12W

Power Input:
DC12V 1.5A / 802.3af PoE

Physical Specifications

Dimensions (W x D x H mm):
108 x 112 x 108 mm

Weight (g):
410 g

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

Order Information

FCS-6010

Package Contents

Power Adapter
Network Cable
BNC Cable
Bracket
Quick Installation Guide
CD - User Manual / Utility / 64-CH Monitoring Software