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

H/W Version: 1

Product Overview
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.

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

Support Remote 16-CH Live View
The FCS-6010 allow you to monitor up to 16 cameras video simultaneously via a Internet Explorer (ActiveX)

Key Features
- 1/2.5” progressive CMOS 1.3-megapixel, 1280x1024
- Supports H.264, MPEG4 and MJPEG compression
- Frame rates: up to 1280x1024 @ 30 fps
- Support 16-CH remote view by web interface
- Removable IR-cut filter for day/night viewing
- Built-in infrared LEDs for night viewing up to 10m
- Pan/Tilt with 10x digital zoom
- Two way audio with built-in MIC
- Dual power support: DC12V / 802.3af PoE
- 1 DI/1 DO for external alarm and sensor device
- Built-in Micro-SD/SDHC card slot for local storage
- Built-in USB port for optional USB 11n Wi-Fi dongle
- Free 64-CH monitoring software (supports iCamSecure Apple App and iOS Safari)
- Remote access with Level1DNS™ service

Works Well With
- WUA-0606 150Mbps Wireless USB Adapter
- POI-2002 PoE Injector

1.3-Megapixel with H.264 / MPEG4 / MJPEG compression
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).

Bundled LevelOne IP CamSecure up to 64 channels
The FCS-6010 is bundled with the LevelOne IP CamSecure Surveillance Software. It allows users to monitor up to 64 channels simultaneously.
Technical Specification

**Camera**

*Image Sensor*
1.3-Megapixel 1/2.5\(^*\) Progressive Scan CMOS

*Effective Pixels*
1280x1024

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

*Angle of View (H)*
76.7\(^\circ\)

*Minimum Illumination*
0.5 lux at F1.5 (without LED)
0 lux at F1.5 (with LED)

*IR Cut Filter*
Removable infrared-cut filter for day & night function

*Shutter Time*
1/30 to 1/10000 sec.

*Pan/Tilt/Zoom*
Pan range: ±355\(^\circ\) (−177.5\(^\circ\) ~ +177.5\(^\circ\))
Tilt range: ±135\(^\circ\) (−45\(^\circ\) ~ +90\(^\circ\))
Auto pan mode
Auto patrol mode
10x digital zoom

*IR LED*
10 IR LEDs for illumination up to 10m

**Video**

*Video Compression*
H.264 / MPEG4 / MJPEG

*Resolutions*
1280x1024 / 640x512 / 320x256

*Frame Rate*
Up to 30 fps at all resolutions

*Video Streaming*
Multiple simultaneous streams, up to 2 streams

*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

*Video Format*
Store to PC: ASF
Store to SD card: MP4

**Audio**

*Audio Streaming*
2-way audio

*Audio Compression*
G.711 / AMR

*Audio Input/Output*
Built-in microphone
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

**Supported protocols**
TCP/IP, UDP, ICMP, DHCP, NTP, DNS, DDNS, SMTP, FTP, HTTP, Samba, PPPOE, UPnP, Bonjour, RTP, RTSP, RTCP

**Number of clients**
10

**DNS**
Easy Internet monitoring via configuration free Level1DNS™ service

**Alarm and Event Management**

*Motion Detection*
3 Detection Zones

*Notification*
HTTP, FTP, SMTP, Samba

**DI/DO**
1 D/I and 1 D/O for external sensor and alarm

**General**

*Local storage*
MicroSD/SDHC card slot

**Power**
DC12V 1.5A / 802.3af PoE

**Power Consumption (Max.)**
12W

**Connectors**
RJ-45 10BASE-T/100BASE-TX
3.5mm line out
3.5mm mic/line in
TV Out (Video)

**LED Indicator**
Power/Ethernet/Internet/Upgrade or Reset/Privacy

**Button**
Reset Button

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

**Operating Humidity (Non-condensing)**
20% to 80%

**Dimensions**
108 x 108 x 112mm

**Weight**
410 g

**Approvals**
CE, FCC

**Viewing System Requirements**
OS: Microsoft Windows 7/Vista/XP
Browser: Internet Explorer 6.x or above

**Bundled Software**
Bundled with 64-Channel LevelOne IP CamSecure surveillance management software
Order Information

**FCS-6010**: 1.3-Megapixel Day/Night P/T PoE Network Camera

Package Contents
FCS-6010, Power Adapter, Bracket, TV out BNC Cable, RJ45 Ethernet LAN Cable, Quick Installation Guide, CD Manual / Utility, Lens Hook