

## Day/Night IP Network Camera

**LevelOne's** FCS-1050 is a high-performance IP camera that provides color images by day and infrared illuminated monochrome at night through existing Ethernet connections.

**24 Hours Surveillance Application**--The FCS-1050 contains an excellent CCD sensor records brilliant color images up to 704 x 480 pixels when there is sufficient light. The integrated automatic infrared sensor can be triggered whenever it detects low light condition thus providing crisp monochrome images in low illumination. This device employs MPEG-4 (Short Header Mode) compression to transfer superior streaming video and high quality sound bandwidth-efficiency.

**Remotely, Advanced Monitoring Features**--The motion detection feature provides the operational flexibility to record only when there is motion thus saving record storage. The I/O interface allows user to connect to optional modules (motion sensors, smoke detectors, etc) thus sending alerts to administrator's email when the detector or alarm is triggered. With a built-in web server, FCS-1050 provides an easy user interface for remote access to receive video signals from anywhere anytime over the Internet with the Internet Explorer browser.

**Easy Maintenance and Configuration**-- With LevelOne's free bundled software, administrators are able to monitor up to 16 channels simultaneously. The FCS-1050 also provides recording capabilities for synchronized video & audio when captured by Manual, event-driven or schedule recording modes. For full-featured surveillance solutions to your camera needs, the LevelOne's FCS-1050 absolutely provides optimum solutions when building a 24 hours digital surveillance environment.



**FCS-1050**

### Related Products

	<b>FCS-1020</b> 10/100 Mbps IP Web Camera
	<b>WCS-2010</b> 11g Wireless P/T IP Network Camera
	<b>WCS-2030</b> 11g Wireless IP Network Camera

## Key Features

- Provides Day/Night functions with 10m IR lens.
- Built-in 1/4" CCD sensor and high sensitive microphone to deliver high quality streaming video
- Provides 4x digital zoom
- Supports MPEG4 (Short header mode) compression for bandwidth-efficiency
- Intelligent Motion Detection
- Pre/Post Alarm Snapshots
- Extended I/O for event trigger sensor & alarm by E-mail
- Free-Bundled powerful 16-Channel Recording Software
- Built-in Web server for remote accessing image from general web browser anywhere
- Supports UPnP & DDNS

## Technical Specification

### Networking

- **Standards Compliance**  
IEEE 802.3 10BaseT Ethernet  
IEEE 802.3u 100Base-TX Fast Ethernet
- **Ports**  
1 x RJ-45 10/100 Mbps port
- **Protocols**  
TCP/IP, HTTP, SMTP, FTP, Telnet, NTP, DNS, DHCP, DRM, DDNS and UPnP

### Video Specification

- **Video Algorithm Support**  
MPEG4 (Simple Profile)
- **Features**  
Adjustable image size, quality and bit rate  
Timestamp and text overlay  
3 motion detection windows
- **Video Resolution: (NTSC/PAL)**  
Up to 30/25 frames at 176x120/176x144  
Up to 30/25 frames at 352x240/352x288  
Up to 15/12 frames at 704x480/704x576

### Camera Specification

- **Camera/ Lens**  
1/4 inch color CCD sensor  
Typical: 10 Lux / F2.0  
AGC, AWB, AES  
Electronic shutter: 1/60 to 1/15,000 sec  
Fix length: 6.0mm  
Aperture: F1.8

### Audio

- **Audio Codec**  
24Kbps, 8Kbps(optional)

### Microphone

- Omni-directional  
Frequency: 50 – 16,000Hz  
S/N ratio: more than 60dB

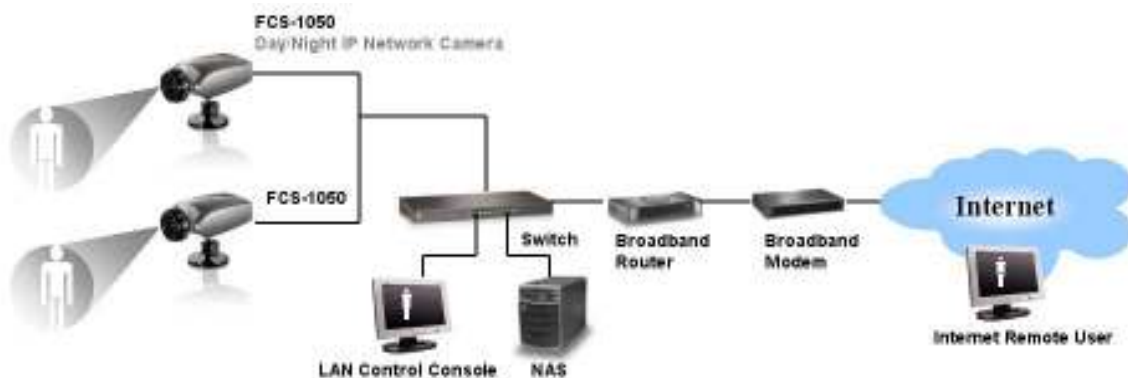
### System

- CPU: Trimedia PNX1300  
RAM: 8MB SDRAM  
ROM: 2MB Flash ROM

### Hardware

- **General I/O**  
1 sensor input(max. 12VDC 50mA)  
1 relay output(max. 24VDC 1A, 125VAC 0.5A)
- **LEDs**  
Dual color status indicator
- **Power**  
Consumption: near 5.4 W  
Universal switching power-supply included  
Adapter input: 100-240VAC, 50/60Hz, 0.4A  
Adapter output: 12VDC, 1.5A
- **Temperature**  
Operating: 0°C -50°C (32°F -122°F)
- **Humidity**  
Operating: 95% (RH)
- **Dimension**  
138mm(L) \* 88.9mm(W) \* 57.2mm(H)
- **Weight**  
222g
- **EMI and Safety**  
FCC, CE

## Product Diagram



## Ordering Information

- FCS-1050: Day/Night IP Network Camera