

# CamCon\_FCS-1040

## 10/100Mbps P/T/Z IP Network Camera

**LevelOne's** FCS-1040 is a state-of-the-art Internet camera that features motorized Pan Tilt Zoom functions and a built-in web server to deliver high quality live video through existing Ethernet connections.

**High-Quality Video and Two-way Audio**--The FCS-1040 contains an excellent CCD sensor that records ideal images up to 704 x 480 pixels. This device employs not only Motion-JPEG compression to transfer superior video streaming but also combines high quality images with sound provided by a built-in microphone to generate streaming video in MPEG-4 (Simple Profile) format. Two-way audio provides voice communications during an alarm event.

**Pan/Tilt/Zoom and Versatile Features**--The FCS-1040 provides advanced camera features combining a 10x optical zoom lens with up to 10x digital zooming that allows for 100x zooming capability. The Auto Pan function allows the user to define automatic panning movements of individual cameras thus providing the capability to survey the widest range of targets: A pan range of 270-degrees and a tilt range of 90-degrees. The Patrol mode allows the user to preset up to 20 spots for sequential auto-monitoring. The motion detection feature provides the operational flexibility to record only when there is motion thus saving record storage. With the FCS-1040 built-in I/O interface, users can connect to optional modules (motion sensors, smoke detectors, etc) thus sending alerts to administrator's email when the detector or alarm is triggered.

**Ideal for Surveillance Solutions**--With LevelOne's free bundled software, administrators are able to monitor up to 16 channels simultaneously. The FCS-1040 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-1040 absolutely provides optimum solutions when building a digital surveillance environment.



**FCS-1040**

### Related Products



**FCS-1020**

10/100 Mbps IP Web Camera



**WCS-2010**

11g Wireless P/T IP Network Camera



**WCS-2030**

11g Wireless IP Network Camera

### Key Features

- MPEG4/ MJPEG Compression selectable
- Motorized Pan/Tilt/Zoom (10x optical zoom)
- Optimal Synchronization of Audio & Video
- Supports Auto Pan/ Auto Patrol modes
- Intelligent Motion Detection
- Pre/Post Alarm Snapshots
- Extended I/O for Sensor & Alarm
- Free-Bundled 16-Channel Recording Software
- Supports UPnP & DDNS
- Two-way Audio

# CamCon\_FCS-1040

## 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

### Video Specification

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

### Camera Specification

- **Camera/ Lens**  
1/4 inch color CCD sensor  
Typical: 1.5 Lux / F1.8  
Low Lux mode: 0.05 Lux/F1.8  
AGC, AWB  
Electronic shutter: 1/60~1/100,000(NTSC), 1/50~1/100,000(PAL)  
Focal length: 4.2~42mm  
Aperture: F1.8~2.9
- **P/T/Z**  
Auto pan and auto patrol mode  
Pan: Range± 135, 10 ~50 sec  
Tilt: Range± 90~45, 7~25 sec  
Zoom: 1x~10x optical zoom, 2x,4x,6x,10x with digital zoom,

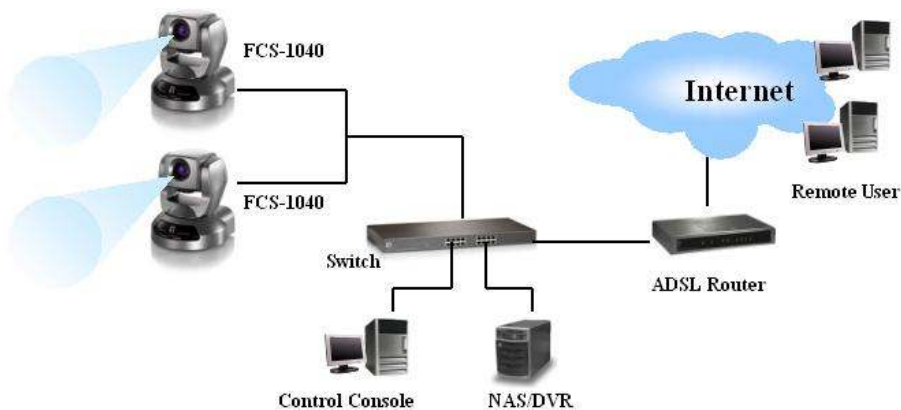
### Audio

- **Audio Codec**  
8, 24, 32 Kbps
- **Features**  
Acoustic echo cancellation  
Full duplex audio communication
- **Microphone**  
Omni-directional  
Frequency: 20 – 20,000Hz  
S/N ratio: more than 58dB

### Hardware

- **System**  
CPU: Trimedia PNX1300  
RAM: 16MB SDRAM  
ROM: 4MB Flash ROM
- **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 12 W  
Universal switching power-supply included  
Adapter input: 100-240VAC, 50/60Hz, 0.4A  
Adapter output: 12VDC, 1.5A
- **Temperature**  
Operating: 0-40°C/32-104°F
- **Humidity**  
Operating: 95% (RH)
- **Dimension**  
104.5mm(L) \* 104.5mm(W) \* 125mm(H)
- **Weight**  
420g
- **EMI and Safety**  
FCC, CE

## Product Diagram



## Ordering Information

- FCS-1040: 10/100 Mbps P/T/Z IP Network Camera

For more information, please contact your LevelOne representative, or visit [www.level1.com](http://www.level1.com)  
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