1.3-Megapixel
Network Camera

FCS-0040

H/W Version: 1

Product Overview

FCS-0040 is an easy-to-use network camera specifically designed for home security applications with a compact, stylish exterior. Equipped with a 1.3MP sensor enabling viewing resolution up to 1280x960, it provides users with H.264, MPEG-4 and Motion JPEG video compression, bi-directional audio, a Webbased user interface with motion detection and alert features.

Multiple Video and Bi-directional Audio Compression

With enhanced H.264, MPEG-4 and Motion-JPEG Video compression, users can enjoy maximize image quality with a minimum bandwidth requirement. The FCS-0040 includes the popular G.726 audio compression standard for easy synchronizing with live video. The bidirectional audio communication allows user to use the FCS-0040 10/100Mbps Network Camera as an intercom.

Motion Detection & E-mail Alerts

Users can set up 4 motion-detection regions with the FCS-0040, each with adjustable size and sensitivity. When motion is detected at the specified regions, the system can send an E-mail alert or send captured images via FTP upload to a designated storage server.

Bundled LevelOne IP CamSecure up to 64channels

The FCS-0040 10/100Mbps Network Camera comes bundled with the LevelOne IP CamSecure Surveillance Software. It allows users to monitor the cameras up to 64 channels simultaneously.

1. Built-in Microphone
2. Reset
3. Audio Out
4. Stand Socket
5. Network
6. Power

1   2 3 4 5   6

Key Features

- 1/5" CMOS Sensor in 1280 X 960 resolution
- H.264, MPEG-4 and MJPEG Compression (Triple Codec)
- Multiple Simultaneous Streams
- Supports 16x digital zoom and ePTZ for data efficiency
- Built-in microphone and an audio out jack for bidirectional audio
- Supports Motion/Audio Detection and Event Notification via E-mail, FTP and HTTP
- Free software included (Industry-leading 64-channel IP CamSecure™ software)

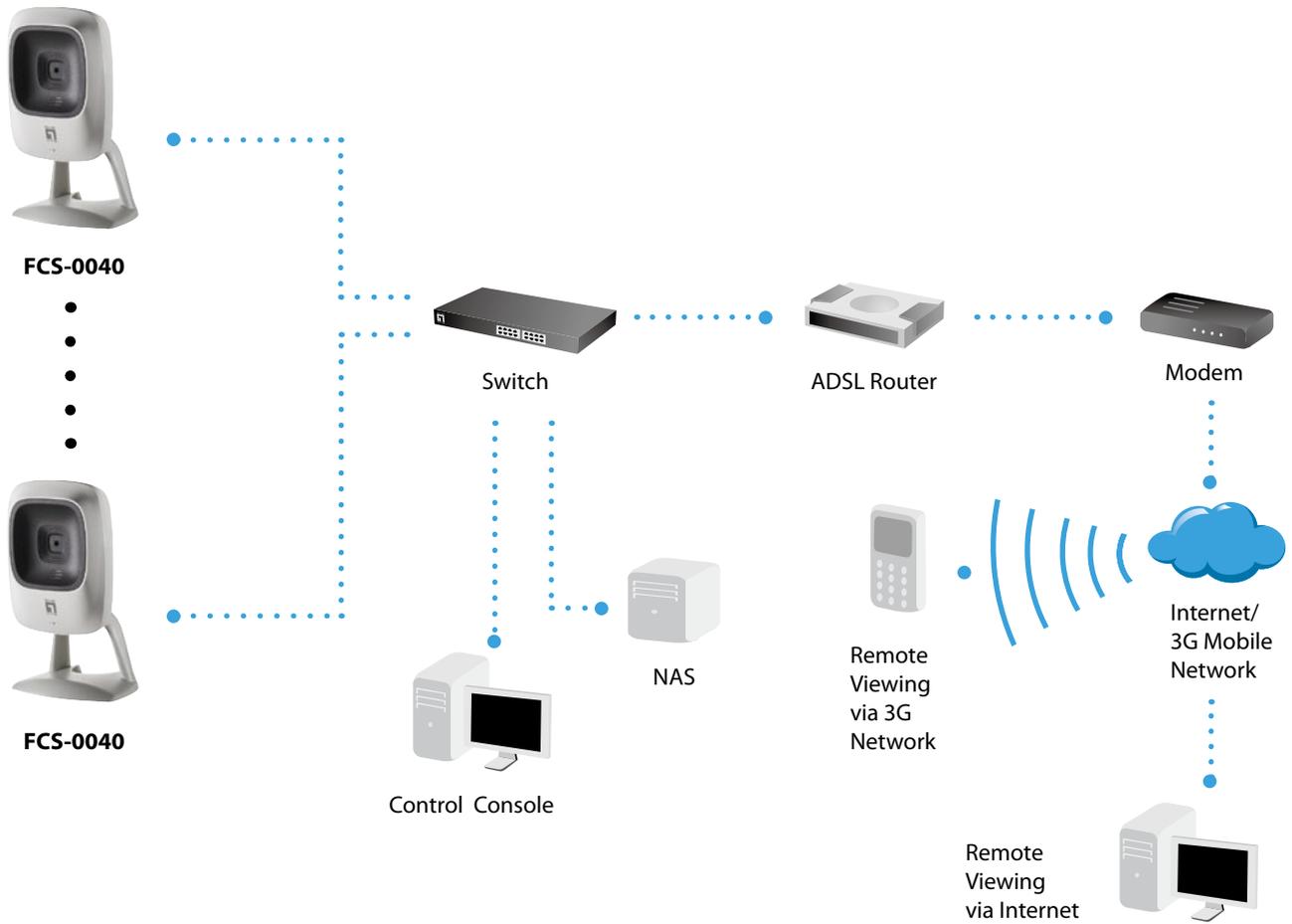### Works Well With

PLI-2040
200Mbps HomePlug AV adapter

POS-1002
5-12V DC PoE Splitter

Technical Specification

Camera

Image Sensor
1.3-Megapixel Progressive 1/5"CMOS

Lens
Fixed Focus lens
Focal Length: F2.0
View Angle (Hor): 50.5 degree
View Angle (Ver): 39.1 degree

Minimum illumination
3Lux / F2.8

Video

Video compression
H.264, MPEG-4 & MJPEG

Resolutions and Frame rate
1280x960 @15fps
640x480 @30fps
320x240 @ 30fps

Multi-view streaming
Up to 3 Streams

Pan/Tilt/Zoom
Supports ePTZ for data efficiency
Digital Zoom: Max to 16x

Image settings
AWB (Auto-White-Balance), AEC (Auto-Exposure-Control), AGC (Auto-Gain-Control), Sharpness, Image Quality, Time Stamp and Text Overlay(20 characters)

Picture
JPEG

Video Record
AVI format

Audio

Audio In/Out
built-in Microphone and external Speaker output jack

Audio Streaming
Two-Way

compression
G.711, G.726(u-law), Linear PCM

Network

Ethernet
10BASE-T / 100BASE-TX (RJ-45)

protocols
IPv4, TCP/IP, HTTP, HTTPS, DHCP, SMTP, FTP, UPnP, DDNS, NTP, RTP, RTCP, RTSP, SMB

QoS
Support DSCP tag for Ethernet QoS for video/audio streaming.

Number of client
10

Security

Multi-level user access with password protection
IP address filtering
HTTPS encrypted data transmission
802.1X port-based authentication for network protection

Alarm and Event Management

Motion Detection
4 Detection Areas with individual sensitivity

E-Mail Alert
3 e-mail address

FTP Uploading
2 FTP servers address and login settings

HTTP Notification
1 HTTP notification for instant notification

General

System
Flash ROM: 8MB
RAM: 128MB

Power
12V/1A DC
Power consumption: Max. 8 W

Connectors
RJ-45 10BASE-T/100BASE-TX
3.5 mm Speaker
Power jack
Reset button

Operating conditions
Operating Temperature: 0℃ ~ 40℃
Operating Humidity: 10% ~ 80%
Storage Temperature: -20℃ ~ 70℃
Storage Humidity: 0% ~ 90%

LED Indicator
Power, Active, Network

Approvals
CE, FCC

Dimension
141.6mm (H) x 114.3mm (W) x 41.4mm (D)

Weight
235g without stand

Bundle Software

Bundled with 64-Channel LevelOne IP CamSecure surveillance management software

Viewing System Requirements

Operating system
Microsoft Windows 2000/XP/Vista/ 7

Web browser
For MPEG4 video: Internet Explorer in Windows
For MJPEG video: Firefox,Safari, Mozilla, Netscape
For H.264 video: Internet Explorer 6.0 or above

Cell phone viewer
3GPP player

Stream player
Real Player 10.5 or above
Quick Time 6.5 or above

Product Diagram

FCS-0040

FCS-0040

Switch

ADSL Router

Modem

NAS

Control Console

Remote Viewing via 3G Network

Internet/ 3G Mobile Network

Remote Viewing via Internet

Order Information   **FCS-0040:** 1.3-Megapixel Network Camera

Package Contents   FCS-0040
Power Adapter
Camera Stand
CD Manual/Utility
Quick Installation Guide