level® one

Day/Night Network Camera

FCS-1070

H/W Version: 1

Product Overview

The LevelOne Day/Night IP Network Camera is a powerful surveillance camera that connects easily with a wired Ethernet to provide high-quality video and audio to a control room or broadcast it to remote locations over the Internet.
The FCS-1070 dual-Codec network camera with 2-way audio and extensible day/night feature makes it more suitable for surveillance applications than any other IP camera in its class.

Day/Night Camera

The FCS-1070 IP Camera is an excellent solution when deployed outside. With its high quality CCD sensor and its IR attached lens, it 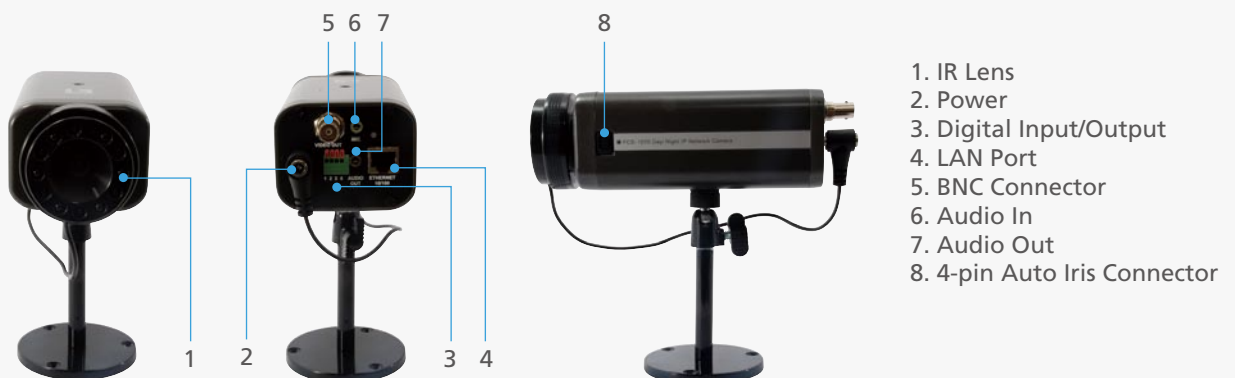can capture brilliant and clear pictures under low light conditions making it suitable for almost all security and surveillance applications.

Advanced Features

The FCS-1070 from LevelOne supports a number of advanced features that give the camera increased flexibility and capabilities. The Day/Night camera features motion detection, and extended Input/Output connectors making it possible to connect sensors and alarms with this camera.

Free Bundled Software

With LevelOne's free bundled software, administrators are able to monitor up to 32 channels simultaneously. It also provides recording capabilities for synchronized video and audio when captured by event-driven or scheduled recording modes.

1. IR Lens
2. Power
3. Digital Input/Output
4. LAN Port
5. BNC Connector
6. Audio In
7. Audio Out
8. 4-pin Auto Iris Connector

Key Features

- MJPEG/MPEG4 video compression
- Day/Night application in low light conditions
- Two-way audio
- Optimal synchronization of audio and video
- Motion detection
- Extended I/O for sensors and alarms
- Provides BNC video output for CCTV system
- Free software included (Industry-leading 32-channel IP CamSecure Lite™ software)

Works Well With
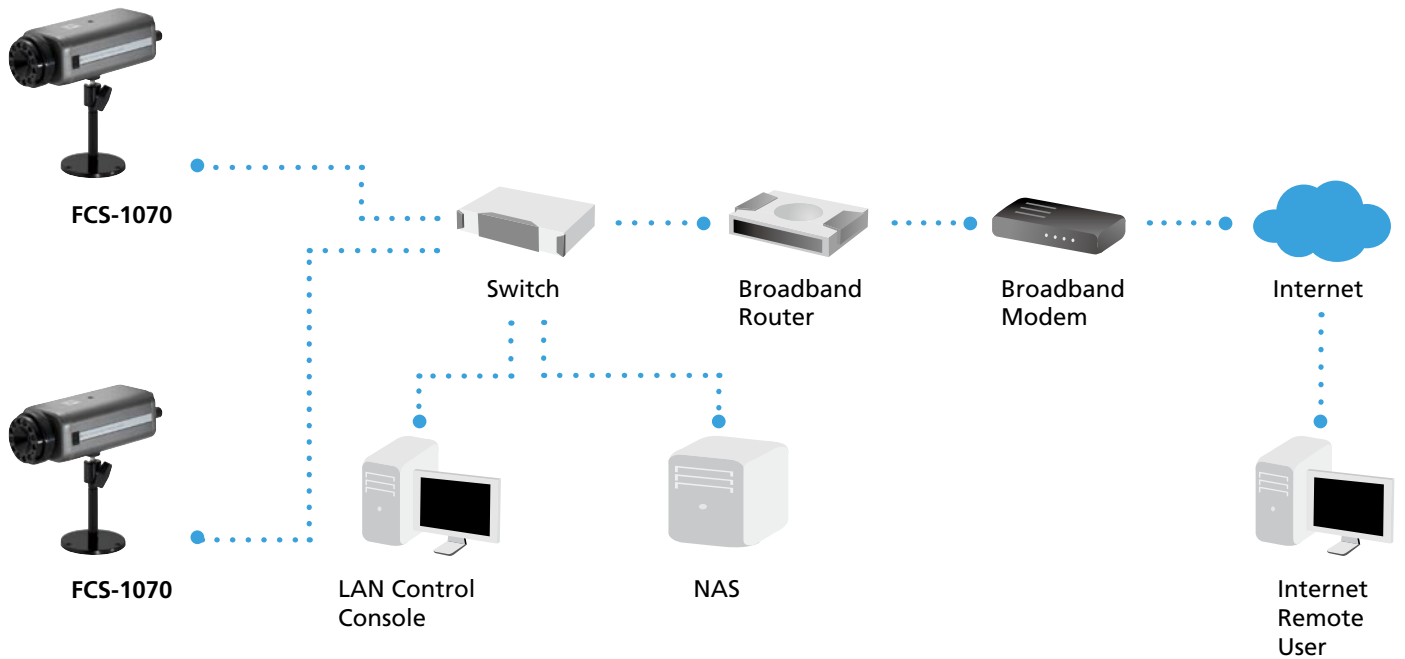
FCS-9464
IP CamSecure Pro64 Mega

FCS-7011
1-Port PoE Video Server

Technical Specification

Network

Standards Compliance
IEEE 802.3 10BaseT Ethernet
IEEE 802.3u 100Base-TX Fast Ethernet

Ports
1 x RJ-45 10/100 Mbps port

Video

Compression Mode
MPEG4/MJPEG

Max. Resolution
704x480 pixels(NTSC)
704x576 pixels(PAL)

Frame Rate
176x120: 30/25fps
352x240: 30/25fps
704x480: 15/12fps

Still Picture
JPEG

Video Record
AVI

Camera

Sensor
1/3 inch color CCD sensor

Lens
f=6.0mm, F2.0

View Angle
Vertical 34°
Horizontal 44°

Minimum Illumination
0.5 Lux / F2.0 (Typical); 0 Lux (10meters with IR Lens)

Infrared Facility
Infrared LEDs on lens

Electronic Shutter (Sec)
1/60~1/100,000(NTSC)
1/50~1/100,000(PAL)

AGC/AWB/AES

Auto Iris Control
DC-drive Iris

Audio

Audio In
External Microphone Input*1
Built-in Microphone
Omni-directional
Frequency: 20 – 20,000Hz

Audio Out
Audio output connetor

Audio Codec
8/24/32kbps Full-Duplex

S/N Ratio
>58dB

Digital Zoom
4x

Flash ROM
4MB Flash ROM

SDRAM
16MB SDRAM

Housing
Indoor use

Day/Night
Infrared LEDs on lens

Digital I/O
1 sensor input max. 12DC 50mA
1 relay output max. 24DC 1A/125AC 0.5A

Power
Consumption: Max. 9.4W
Input: 100-240VAC, 50/60Hz, 0.4A
Output: 12VDC, 1.5A

Temperature
Operating: 0°C ~ 40°C /32-104°F

Humidity
Operating: 85%RH

Dimension
140mm(L) * 70mm(W) * 55mm(H)

Weight
430g

Supported Protocols
UPnP, TCP/IP, HTTP, SMTP, FTP, Telnet, NTP, DNS, DHCP, DDNS

Software
Bundled with 32-Channel LevelOne IP CamSecure Lite surveillance management software

Viewing System Requirement
OS
Microsoft Windows 2000/XP/Vista

Browser
IE 6.x or above

EMI and Safety
FCC, CE

Product Diagram

FCS-1070

Switch

Broadband
Router

Broadband
Modem

Internet

FCS-1070

LAN Control
Console

NAS

Internet
Remote
User

Order Information   **FCS-1070:** Day/Night Network Camera

Package Contents   FCS-1070
IR Lens
Power Adapter
Camera Stand
CD Manual/Utility
Quick Installation Guide

Optional Accessories

CAS-3015
IR Illuminator (15M)

CAS-3030
IR Illuminator (30M)

CAS-1000A
3.5~8mm Vari-Focal Lens

CAS-1100
6~60mm Vari-focal Lens