



Outdoor WDR PoE Network Camera w/ IR LEDs



FCS-5011

H/W Version: 1

Wide Dynamic Range, highest quality images available

Wide Dynamic Range (WDR) provides superior imagery for all your surveillance needs. Regular cameras provide adequate coverage for most applications, but sometimes sunlight in the background creates images that are too dark to recognize the subject matter. WDR is a special new CMOS sensor technology that creates balanced, well-lit images, even when facing directly into the sun. And for night viewing, FCS-5011 also has built-in IR LEDs, offering excellent night surveillance coverage up to 15 meters away.

Powerful, feature rich IP Network Camera

With the new WDR function, FCS-5011 offers users the most advanced security features

available. It also includes a removable IR-cut filter for day and night usage, a housing for vandalproof and IP66-rated weatherproof protection in outdoor deployments, 2-way audio for alarm/intercom functions, simultaneous MPEG-4 and MJPEG streaming and much more.

Where to deploy?

FCS-5011 is ideal for any professional-level internet protocol surveillance network. Some sample applications include: utility companies, industrial manufacturing, metropolitan and government enterprises, airports, railway stations, parking lots, warehouses, public parks, hotel lobby entrances and banks/ATM entrances – all especially useful with the WDR function for superior lighting control.



1. Light sensor
2. Lens
3. IR LED
4. General I/O terminal block
5. Ethernet 10/100 RJ45 plug
6. Audio out (green)
7. Microphone in (pink)
8. Power cord socket (black)
9. Earth

Key Features

- Wide dynamic range CMOS sensor provides excellent images, even in highly contrasting light situations
- 3.3~12mm vari-focal board lens for a variety of monitoring fields
- MJPEG/MPEG4 dual-stream simultaneously
- Extended I/O for sensor & alarm functions
- RS-485 interface for rotators to control pan and tilt.
- View your camera over your 3GPP-supported mobile phone or PDA
- Bundled with 32-Channel LevelOne IP CamSecure Lite surveillance management software

Works Well With



FCS-7011
1-Port PoE Video Server



FSW-0822
4+4 PoE Fast Ethernet Switch



Technical Specifications

System

Flash: 8MB
RAM: 64MB
Embedded OS: Linux 2.4

Image Sensor

1/3.3" Wide Dynamic Range CMOS Sensor

Lens

Board lens, vari-focal, f=3.3 mm ~ 12 mm, F1.4
Focus range: 50 cm to infinity

Infrared Facility

IR Illuminators up to 15 meters
Removable IR-cut filter: Auto/Schedule

Angle of view

23° ~ 85.2° (horizontal)
14.8° ~ 51.6° (vertical)

Shutter Time

1/30 sec. to 1/15000 sec.

Minimum Illumination

0 Lux with IR Illuminators

Video

Compression: MJPEG & MPEG-4
Streaming: Simultaneous dual-streaming
MPEG-4 streaming over UDP, TCP, or HTTP
MPEG-4 multicast streaming
MJPEG streaming over HTTP
Supports 3GPP mobile surveillance
Resolution:
720x480 up to 30/25fps
352x240 up to 30/25fps
176x144 up to 30/25fps

Image settings

Adjustable image size, quality, and bit rate
Time stamp and text caption overlay
Flip & mirror
Configurable brightness, contrast, and saturation
AGC, AWB, AEC
Automatic or manual day/night mode
Supports privacy masks

Audio

Compression:
GSM-AMR speech encoding, bit rate: 4.75 kbps to 12.2 kbps
MPEG-4 AAC audio encoding, bit rate: 16 kbps to 128 kbps
Interface:
External microphone input
Audio output
Supports two-way audio by SIP protocol
Supports audio mute

Networking

10/100 Mbps Ethernet, RJ-45
Protocols: IPv4, TCP/IP, HTTP, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, and PPPoE

Alarm and Event Management

Triple-window video motion detection One D/I and one D/O for external sensor and alarm Event notification using HTTP, SMTP, or FTP Local recording of MP4 file

Security

Multi-level user access with password protection
IP address filtering

Users

Camera live viewing for up to 10 clients

Dimension

180 mm (D) x 70 mm (W) x 70 mm (H)

Weight

Net: 969 g

LED Indicator

System power and status indicator
System activity and network link indicator

Power

12V DC/1.5A
Max. power consumption: 6.5W
802.3af compliant Power over Ethernet

Viewing System

OS: Microsoft Windows 2000/XP/Vista

Requirements

Browser: Internet Explorer 6.x or above, Firefox, Safari, Mozilla, Netscape
Cell phone: 3GPP player
Real Player: 10.5 or above
Quick Time: 6.5 or above

Installation, Management, and Maintenance

Installation Wizard to search the IP address of IP cameras
Industry-leading 32-channel IP CamSecure Lite™ software included
Supports firmware upgrade

Applications

SDK available for application development and system integration

Operating

Temperature: -20° ~ 60°C

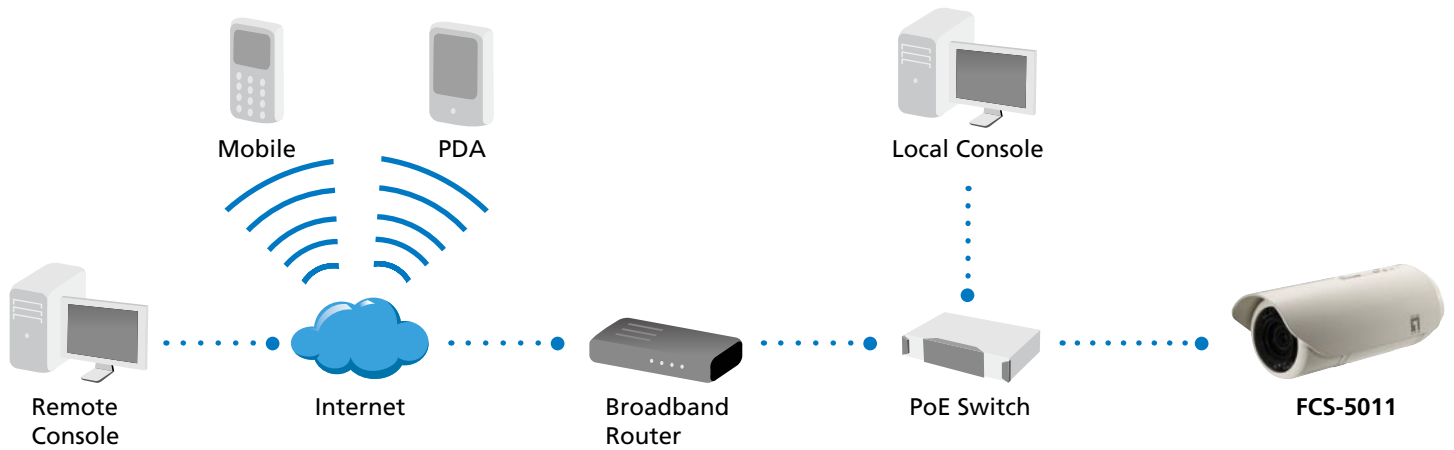
Environments

Humidity: 20 % ~ 80 % RH
IP66-rated housing for weatherproof

Approvals

CE, FCC

Product Diagram



Order Information

Package Contents

FCS-5011: Outdoor WDR PoE Network Camera w/ IR LEDs

- FCS-5011
- Power Adapter
- Sun Shield
- Camera Stand
- Silica Gel
- Screws
- RJ45 Female/Female Coupler
- CD Manual/Utility
- Quick Installation Guide