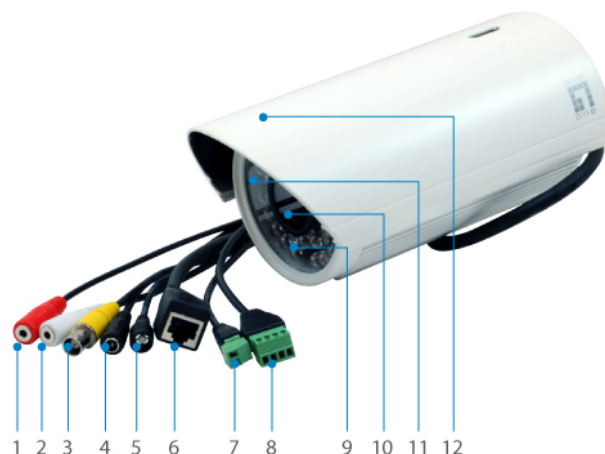FCS-5052 Version: 1

3-Megapixel Day/Night PoE Outdoor Network Camera - IR LEDs

The LevelOne FCS-5052 is a 3-Megapixel bullet network camera designed with IP66 weatherproof outdoor housing and video resolution of up to 2032x1536 The camera supports H.264/MPEG-4/MJPEG video compressions, providing an efficient and cost-effective means of surveillance for your business.

Together with 35 Infrared LEDs and a removable IR-cut filter, the FCS-5052 is perfect for delivering low-noise images in total darkness, at a distance of up to 20 meters. No need to install this camera near a power source, power and data are received through a single Ethernet cable using Power over Ethernet (PoE) technology. It is also equipped with a BNC connector for analog video output and a digital input/output (1DI/1DO) for alarm and sensor.

In addition, we offer you a free Dynamic Level1DNS™ service, which is very useful if you don't have a fixed public IP address, and provides you with an easy-to-memorize domain address. The FCS-5052 is indisputably the best choice for 24 hour indoor/outdoor surveillance in areas such as parking lots, gas stations, school campuses and transport applications.

1. Audio In	5. Reset Button	9. Light sensor
2. Audio Out	6. RJ-45 Connector	10. Lens
3. BNC Connector	7. RS 485	11. IR LED
4. Power (DC 12V)	8. DI/DO	12. Sun Shield

Key Features

- 3-Megapixel (2032x1536) high-definition resolution
- IEEE 802.3af PoE compliant to simplify deployment and installation
- Built-in infrared LEDs for night viewing up to 20m
- Removable IR-cut filter for day and night surveillance
- Weatherproof IP66-rated housing
- Compression: H.264/MPEG-4/MJPEG
- Supports 3 video streams simultaneously
- Digital input/output (1DI/1DO) for sensor and alarm
- BNC connector for analog video output
- Provides privacy masks for private area protection
- Supports motion detection and event notification via e-mail or FTP
- Easy Internet monitoring via configuration free Level1DNS™ service
- Dual power support: 12VDC/PoE (IEEE 802.3af)
- Free 64-channel monitoring software included (supports iCamSecure App)

Highlight

Free bundled 64-channel Management Software

We aim to offer you the most versatile and comprehensive surveillance solutions. Our free IP CamSecure software coming allows you to monitor up to 64 IP cameras simultaneously on one screen to enhance scalability. For added convenience and flexibility, the software includes various advanced features such as scheduling recording, event alert, and heaps more. In addition, simply install our free iCamSecure App to your smartphone and connect to the PC with IP CamSecure software installed, you will easily turn your iPhone/Android smartphone into a portable surveillance system for real-time monitoring and snapshot.

Works Well With

WAP-6013
300Mbps Wireless Access Point

Specifications

System Specifications

Image Sensor:
3-Megapixel 1/2.5" Progressive Scan CMOS

Connectors and Cabling:
1 x RJ-45 10BASE-T/100BASE-TX
1 x 3.5mm line out
1 x 3.5mm mic/line in
1 x DC Power Jack
1 x RS485
1 x I/O terminal block (DI/DO)
1 x BNC analog video output

Button:
Reset Button

Lens:
Board lens, fixed-focal, f=4.0 mm, F1.8

IR Cut Filter:
Removable infrared-cut filter for day & night function

IR LED:

35 IR LEDs for illumination up to 20m

Shutter Time:

1/2 ~ 1/20,000 sec.

Angle of View:

70°

Pan/Tilt/Zoom:

4x digital zoom

Video Compression:

H.264 / MPEG4 / MJPEG

Resolution:

3M (2032x1536) / 1080p (1920x1080) / SXGA (1280x1024) / WXGA (1280x800) / 720p (1280x720) / XGA (1024x768) / SVGA (800x600) / D1 (720x480) / VGA (640x480) / QVGA (320x240)

Video Format:

ASF

Audio Compression:

G.711 / AMR

Power:

Power Consumption: 8W
Power Input: DC12V / 802.3af PoE

Standards & Protocols:

IEEE 802.3 10-BASE-T, Ethernet
IEEE 802.3u 100-BASE-TX, Fast Ethernet
IEEE 802.3af Power over Ethernet (PoE)
TCP/IP, UDP, ICMP, DHCP, NTP, DNS, DDNS, SMTP, FTP, HTTP, Samba, PPPoE, UPnP, Bonjour, RTP, RTSP, RTCP

Features

General:

DNS: Easy Internet monitoring via configuration free Level1DNS™ service

Security:

Alarm and Notification: Alarm: Motion Detection; Audio Detection; DI/DO
Notification: HTTP, FTP, SMTP, Samba
Access Control: Multi-level user access with password protection
IP address filtering
HTTPS encrypted data transmission

Video:

Image Setting: - Adjustable image size, quality and bit rate
- Configurable brightness, sharpness, contrast, saturation, white balance and exposure
- AGC/AWB/AES
- Flip & Mirror
- Privacy Mask
- Time Stamp and Text Caption Overlay
Streaming: Up to 3 video streams
Motion Detection: 3 Detection Zones

Audio:

Streaming: 2-way audio
Input/Output: Mic/line input, line output

Performance

Number of Clients:

10

Data Transfer Rate:
10/100Mbps

Frame Rate:
Up to 18 fps at 2032x1536
Up to 30 fps at 1920x1080

Minimum illumination:
1 lux (without LED)
0 lux (with LED)

Environment

Temperature (°C):
Operating: 0°C ~ 50°C

Humidity (Non-condensing):
Operating: 10% ~ 80%

Physical Specifications

Dimensions (W x D x H mm):
210 x 95 x102 mm

Weight (g):
985 g

Enclosure:
Waterproof IP66 rated housing

Others

Approval and Compliance:
CE, FCC

Deployment:
Wall/Ceiling Mount

Operation Systems:
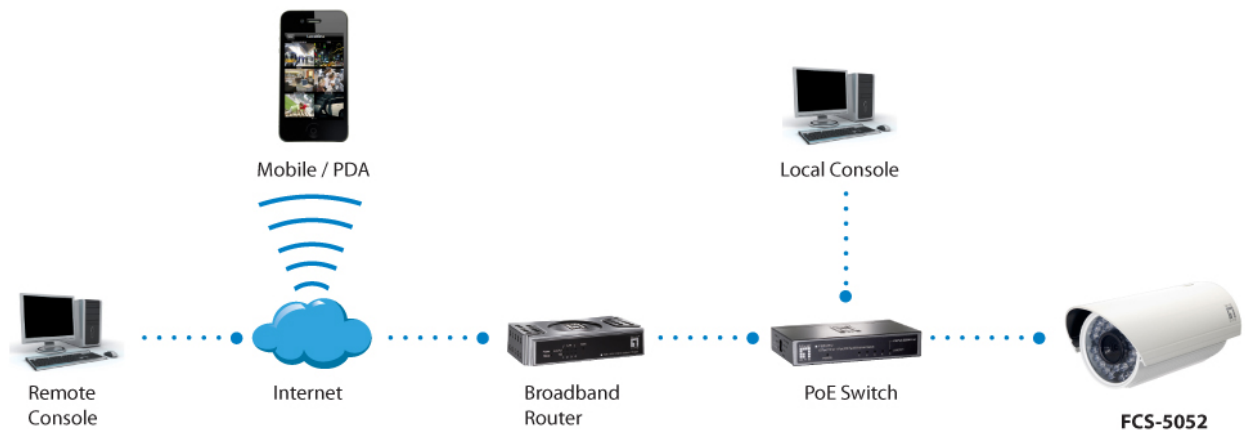Microsoft Windows 7/Vista/XP

Viewing System Requirements:
Browser: Internet Explorer 6.x or above
Cell phone: 3GPP player
Real Player: 10.5 or above
Quick Time 6.5 or above

Diagram

Order Information

FCS-5052

Package Contents

Power Adapter
RJ45 Ethernet Cable
Bracket
Quick Installation Guide
Resource CD (User Manual, Utility)