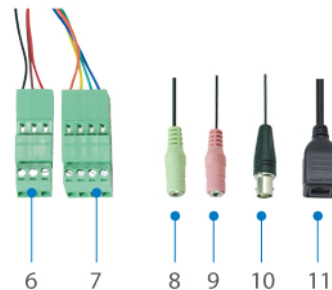ONVIF

FCS-5051 Version: 2

2-Megapixel Day/Night PoE Outdoor Network Camera

The LevelOne FCS-5051 is the perfect solution for day/night surveillance projects such as school campuses, railways stations, and parking lot. It features a 2-megapixel bullet network camera with IP66 weatherproof outdoor housing and infrared LEDs (30m). With the assistance of 3DNR (3-Dimension Noise Reduction) and WDR (Wide Dynamic Range), the network camera offers crystal clear image each and every time. It also equipped with a BNC connector for camera to be connected directly to an analog monitor, IR-cut filter, a built-in Micro SD/SDHC card, 10 motion detection zones and also offers a flexible installation with its triple power support (12 VDC/24 VAC/PoE) and mounting bracket. The FCS-5051 is indisputably the top choice for reliable and high performance surveillance.

1. IR LED
2. Light sensor
3. Lens
4. Sun Shield
5. Cable Management bracket
6. Power
7. Alarm I/O
8. Audio Out
9. Audio In
10. BNC Connector
11. RJ-45 LAN

Key Features

- 2-Megapixel (1920 x 1080) high-definition resolution
- Built-in infrared LEDs for night viewing up to 30m
- Weatherproof IP66-rated housing
- IEEE 802.3af PoE compliant to simplify deployment and installation
- Features WDR (Wide Dynamic Range) to enhance visibility under extremely bright or dark environments
- Features 3DNR (3-Dimension Noise Reduction) to produce extremely clear picture quality even under low light condition
- Built-in Micro SD/SDHC card slot for local storage
- Digital input/output (1DI/1DO) for sensor and alarm
- BNC connector for analog video output
- Triple power support: 12VDC/24VAC/PoE (IEEE 802.3af)
- Free 64-channel monitoring software included (supports iCamSecure App)

Highlight

Exceptional Image Quality
With built-in 3DNR (3–Dimension Noise Reduction) and WDR (Wide Dynamic Range) technology, the camera is able to filter the intense backlight surrounding a subject and remove noises from video signal. The result is that an extremely clear and exquisite picture quality can be produced even under any challenging lighting conditions.

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

POI-2002
PoE Injector

POR-1100
Outdoor PoE Repeater

Specifications

System Specifications

Image Sensor:
2-Megapixel 1/2.7" Progressive Scan CMOS

Connectors and Cabling:
1 x RJ-45 10/100 Mbps PoE port
1 x 3.5mm line out
1 x 3.5mm mic/line in
1 x Power terminal block
1 x BNC analog video output
I/O terminal block (4 DI/1 DO)

Modularity:
1 x MicroSD/SDHC card slot

Button:
Reset Button

Indicator:
Link / Act

Lens:
Board lens, fixed-focal, f= 4.0 mm, F1.5

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

IR LED:
23 IR LEDs for illumination up to 25m

Minimum illumination:
Color: 0.2 lux at F1.5
B/W: 0.02 lux at F1.5

Shutter Time:
1~ 1/10,000 sec.

Angle of View (H):
78

Pan/Tilt/Zoom:
8x digital zoom

Video Compression:
H.264 / MJPEG

Resolution:
2M (1920x1080) / SXGA (1280x1024) / 1M (1280x720) / XGA (1024x768) / SVGA (800x600) / D1 (720x480) / VGA (640x480) / CIF (352x240)

Video Format:
AVI

Audio Compression:
G.711 / G.726

Performance

Number of Clients:
20

Data Transfer Rate:
10/100Mbps

Frame Rate:
Up to 15 fps at 1920x1080
Up to 30 fps at 1280x1024

Standards & Protocols

General:
IEEE 802.3 10-BASE-T (Ethernet)
IEEE 802.3u 100-BASE-TX (Fast Ethernet)
IEEE 802.3af Power over Ethernet (PoE)
IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS

Features

Backup:
MicroSD/SDHC card slot for local storage

IPv6:
IPv4/IPv6 network operation

Video Features

Image Setting:
- Adjustable image size, quality and bit rate
- Configurable brightness, sharpness, contrast, saturation, white balance and exposure
- ACG/AWB/AES
- Back Light Compensation (BLC)
- Wide Dynamic Range (WDR)
- 3D Noise Reduction (3DNR)
- Flip & Mirror

- Portrait Mode
- Privacy Mask
- Time Stamp and Text Caption Overlay

Streaming:
Up to 4 video streams

Motion Detection:
10 Detection Zones

Audio Features

Streaming:
2-way audio

Input/Output:
Mic/line input, line output

Security Features

Alarm and Notification:
Alarm: Motion Detection; Tampering Detection; Network Failure Detection; DI/DO
Notification: HTTP, FTP, SMTP

Encryption:
HTTPS encrypted data transmission

Access Control:
Multi-level user access with password protection
IP address filtering
IEEE 802.1X network access control

Environment

Operating Temperature (°C):
-10°C ~ 50°C

Operating Humidity (Non-condensing):
10% ~ 90%

Power Specifications

Power Consumption (W):
9W

Power Input:
DC12V / AC24V / 802.3af PoE

Physical Specifications

Dimensions (W x D x H mm):
90 x 195 x 90 mm

Weight (g):
940 g

Enclosure:
Weatherproof IP66-rated housing

Others

Approval and Compliance:
CE, FCC, ONVIF

Deployment:

Cable Management Bracket for Wall/Ceiling Mount

Operation Systems:
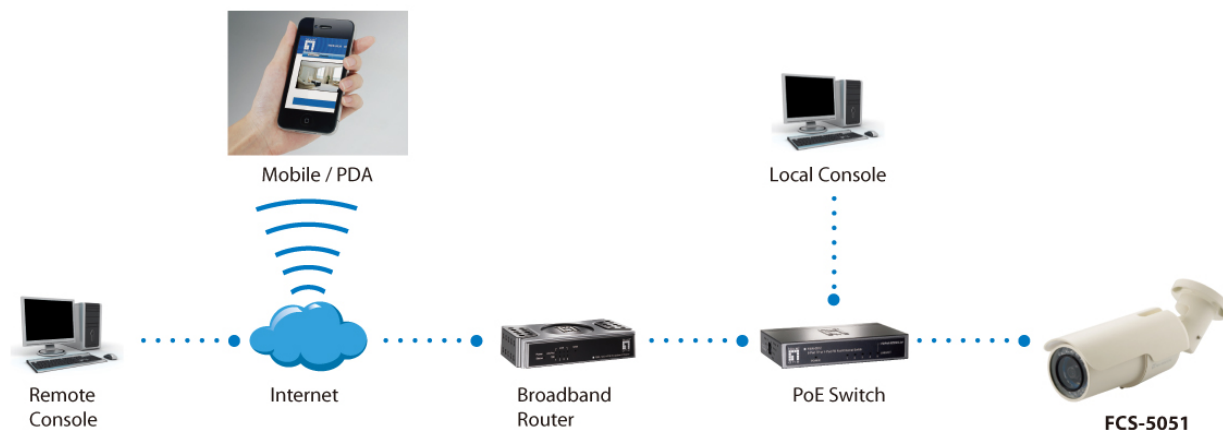Microsoft Windows 7/Vista/XP

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

Diagram

Mobile / PDA

Local Console

Remote
Console

Internet

Broadband
Router

PoE Switch

FCS-5051

Order Information

FCS-5051

Package Contents

Power Terminal Block
Sun Shield
Bracket
Quick Installation Guide
CD - User Manual / Utility / 64-CH Monitoring Software