



FCS-3091 Version: 1

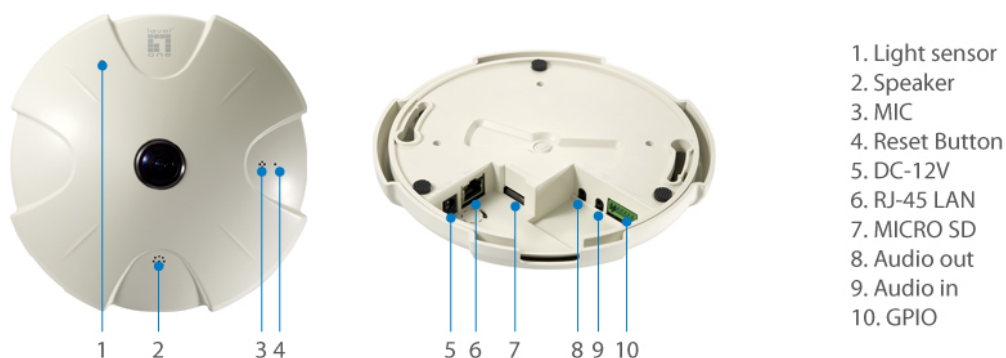
2-Megapixel Fish-Eye PoE Dome Network Camera

The LevelOne FCS-3091 is a H.264 2-Megapixel Fish-Eye camera that allows you to monitor all angles of a location using just one camera. The FCS-3091 features a fish-eye lens for a 360° panoramic wide angle view without blind spot.

The panoramic coverage ability enables a cost-effective deployment, as less cameras need to be installed and with easy maintenance. It is a perfect solution for stores, schools, offices and lobby applications. The FCS-3091 hardware enables users up to 5 video layouts for ceiling mount, additional wall mount and table view applications.

The e-PTZ function without moving parts performs as a mechanical PTZ camera without Pan/Tilt to reduce costs. FCS-3091 provides built-in ICR (removable IR-cut filter) for day/night surveillance, 802.3af PoE, 2-way audio, built-in microphone and speaker, DI/DO alarm and Micro SD card for local storage.

Without installing any software, users can access live view and utilize functions such as motion detection and alert notification through the Web interface using an IE browser.



Key Features

- 2-Megapixel (1600 x 1200) high-definition resolution
- Offers various 360°/180° video modes for panoramic wide-angle surveillance
- IEEE 802.3af PoE compliant to simplify deployment and installation
- Built-in microphone and speaker for 2-way audio communication



- ePTZ function for digitally move and enlarge monitoring area
- Supports motion detection and event notification via e-mail or FTP
- Built-in Micro SD/SDHC card slot for local storage
- Removable IR-cut filter for day and night surveillance
- Compression: H.264/MJPEG
- Dual power support: 12VDC/PoE (IEEE 802.3af)
- Free 64-channel monitoring software included (supports iCamSecure App)

Highlight

Superb Image Quality Output

Featuring Electronic Pan/Tilt/Zoom (ePTZ) functionality, which enables you to focus on something that interests you, just click on the target region of the image in the camera view for a close look by zooming in to the desired level that you want and an additional level of image enhancement will be delivered. Since there is no mechanical motion and noise involved comparing to a PTZ camera, thus making the camera even more invisible.

Flexible Power Options

Featuring PoE (Power-over-Ethernet) capability, the device receives electrical power using Ethernet cabling from a PoE PSE (Power Sourcing Equipment) device, for instance it could be a PoE switch. Thus providing great cost savings by eliminating the need for additional power cables and outlets. In addition, our camera also supports power 12VDC through an optional external power supply in case you don't have a PSE device.

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



FSW-0503

4 FE PoE + 1 FE Switch, 61.6W

Specifications

System Specifications

Image Sensor:

2-Megapixel 1/3.2" 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 DC Power Jack
I/O terminal block (DI/DO)

Modularity:

1 x MicroSD/SDHC card slot

Button:

Reset Button

Indicator:

Power, Link

Lens:

Fish-eye lens, f=1.25 mm, F2.0

IR Cut Filter:

Removable infrared-cut filter for day & night function

Shutter Time:

2 ~ 1/40,000 sec.

Angle of View:

180°

Pan/Tilt/Zoom:

Digital Pan/Tilt

10x digital zoom

Video Compression:

H.264 / MJPEG

Resolution:

UXGA (1600x1200) / SVGA (800x600) / VGA (640x480) / QVGA (320x240)

Video Format:

AVI

Audio Compression:

G.711 / AAC

Power:

Power Consumption: 5W

Power Input: DC12V 2A / 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)

HTTP, HTTPS, TCP/IP, IPv4, UPnP, UDP, SMTP, FTP, DHCP, DDNS, NTP, DNS, ARP, RTSP, RTP, Bonjour

Physical Specifications

Dimensions (W x D x H mm):

180 x 180 x 55 mm

Weight (g):

380 g

Performance

Number of Clients:

2 clients when throughput is 6Mbps

5 clients when throughput is 2Mbps

(Max. Throughput: 12Mbps)

Data Transfer Rate:

10/100Mbps

Frame Rate:

Up to 15 fps at all resolutions

Minimum illumination:

1.5 lux at F2.0



Features

General:

Backup: MicroSD/SDHC card slot for local storage

Security:

Alarm and Notification: Alarm: Motion Detection; DI/DO

Notification: HTTP, FTP, SMTP

Access Control: Multi-level user access with password protection

HTTPS encrypted data transmission

Management:

Diagnosis: User access log

Video:

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)

- Time Stamp and Text Caption Overlay

Image Layout: - Video layout: Source image, broad view, double view, triple view, quad view

- Mount Mode: Ceiling mount, wall mount, table mount

Streaming: Up to 3 video streams

Motion Detection: 10 Detection Zones

Audio:

Streaming: 2-way audio

Input/Output: Built-in microphone/speaker

Mic/line input, line output

Environment

Temperature (°C):

Operating: 0°C ~ 50°C

Humidity (Non-condensing):

Operating: 20% ~ 80%

Others

Approval and Compliance:

CE, FCC

Deployment:

Ceiling Mount

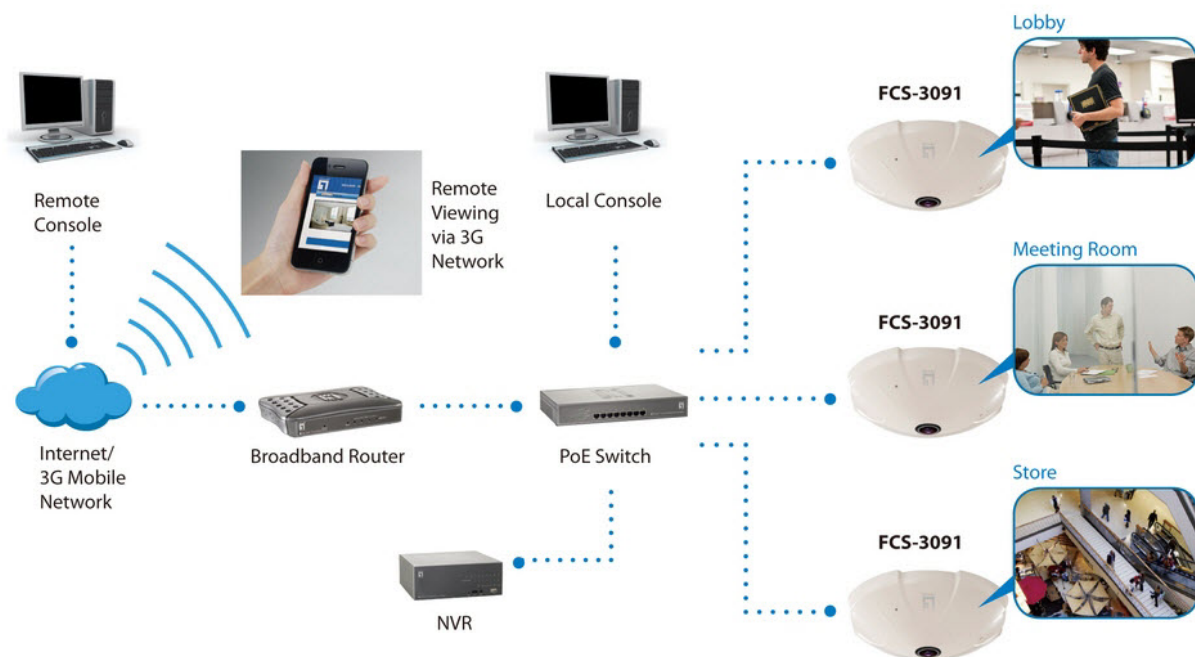
Operation Systems:

Microsoft Windows 7/Vista/XP

Viewing System Requirements:

Browser: Internet Explorer 6.x or above

Diagram



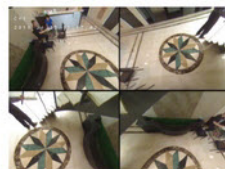
Ceiling Mode



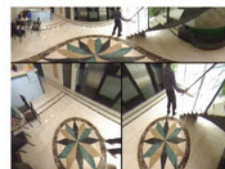
360° Source image



180° double board view



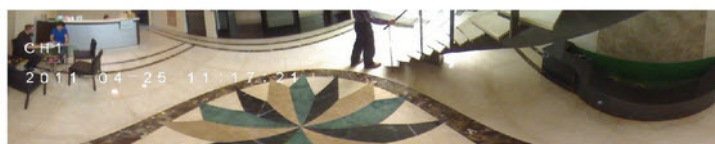
Quad view



180° board view with 2 PTZ



360° source view with 3PTZ



180° board view

Wall Mode



Quad View



180° board view with 2 PTZ

Table Mode



360° Table view



180° double table broad view

Order Information

FCS-3091

Package Contents

Power Adapter
 RJ45 Ethernet Cable
 Bracket
 Quick Installation Guide
 Resource CD (User Manual, Utility, 64-CH Monitoring Software)

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