



## 2-Megapixel Fish-Eye PoE Dome Network Camera



FCS-3091

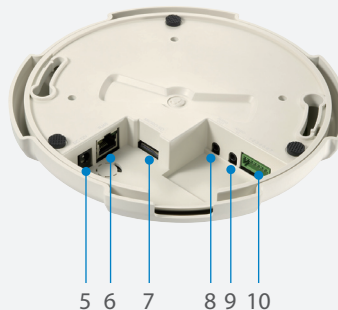
H/W Version: 1

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.



1. Light sensor
2. Speaker
3. MIC
4. Reset Button
5. DC-12V
6. RJ-45 LAN
7. MICRO SD
8. Audio out
9. Audio in
10. GPIO

### Key Features

- 1/3" Progressive CMOS 2-Megapixel, 1600x1200
- Supports H.264/MJPEG video compression
- 360° Fish-Eye panoramic wide angle view
- 5 different video mode including digital PTZ function
- High performance video decoder to decrease image distortion
- Motion Detection
- Removable IR-cut filter for day/night viewing
- Micro SD/SDHC card slot for local storage
- Dual power support: 12V DC/PoE(802.3af)
- 2-Way audio with built-in microphone and speaker
- Free 64-CH Monitoring Software (supports iCamSecure Apple App and iOS Safari)

### Works Well With



**NVR-0104**  
4-CH Video Recorder



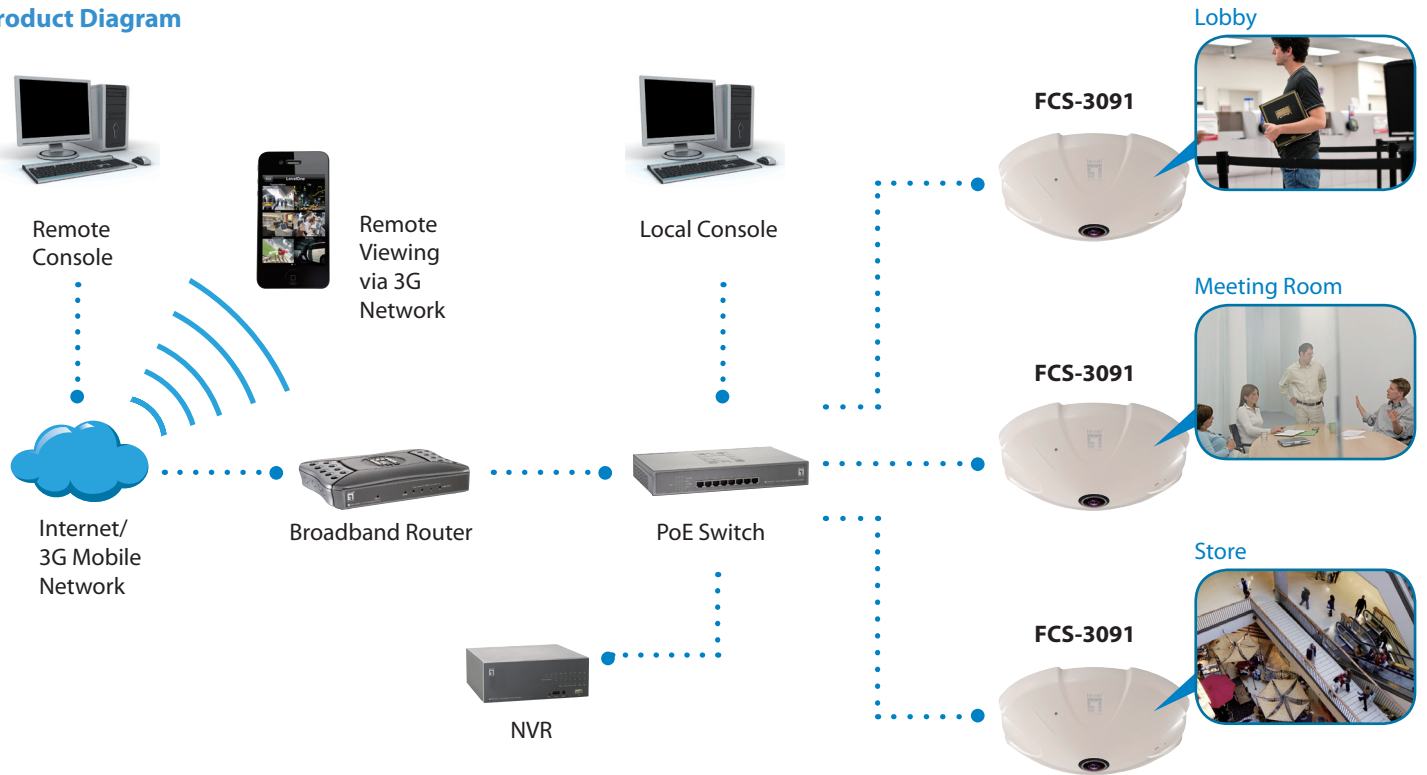
**FSW-0503**  
4 FE PoE + 1FE Switch

## Technical Specification

<b>Camera</b>
<b>Image Sensor</b> 2-Megapixel 1/3.2" Progressive Scan CMOS
<b>Effective Pixels</b> 1600x1200
<b>Lens</b> Fish-eye lens, f=1.25 mm, F2.0
<b>Angle of View (H)</b> 180°
<b>Minimum Illumination</b> 1.5 lux at F2.0
<b>IR Cut Filter</b> Removable infrared-cut filter for day & night function
<b>Shutter Time</b> 2 to 1/40000 sec.
<b>Pan/Tilt/Zoom</b> Digital Pan/Tilt 10x Digital Zoom
<b>Video</b>
<b>Video Compression</b> H.264/MJPEG
<b>Resolutions</b> UXGA(1600x1200) / SVGA(800x600) / VGA(640x480) / QVGA(320x240)
<b>Frame Rate</b> Up to 15 fps at all resolutions
<b>Video Streaming</b> Multiple simultaneous streams, up to 3 streams
<b>Image Setting</b> Adjustable image size, quality and bit rate Configurable brightness, sharpness, contrast, saturation, white balance and exposure Back Light Compensation (BLC) Time Stamp and Text Caption Overlay
<b>Image Layout</b> Video layout: Source image, broad view, double view, triple view, quad view Mount Mode: Ceiling mount, wall mount, table mount
<b>Audio</b>
<b>Audio Streaming</b> Two-way
<b>Audio Compression</b> G.711/AAC
<b>Audio Input/Output</b> Built-in microphone/speaker Mic/line input, line output
<b>Network</b>
<b>Networking</b> 10/100 Mbps Ethernet, RJ-45
<b>Security</b> Multi-level user access with password protection HTTPS encrypted data transmission User access log
<b>Supported protocols</b> HTTP, HTTPS, TCP/IP, IPv4, UPnP, UDP, SMTP, FTP, DHCP, DDNS, NTP, DNS, ARP, RTSP, RTP, Bonjour
<b>Number of clients</b> 2 clients when throughput is 6Mbps 5 clients when throughput is 2Mbps (Max. Throughput: 12Mbps)

<b>Alarm and Event Management</b>
<b>Motion Detection</b> 10 Detection Areas
<b>Notification</b> HTTP, FTP, SMTP
<b>DI/DO</b> 4 D/I and 1 D/O for external sensor and alarm
<b>General</b>
<b>Local storage</b> MicroSD/SDHC card slot
<b>Power</b> DC12V 2A / 802.3af PoE
<b>Power Consumption</b> max. 5W
<b>Connectors</b> RJ-45 10BASE-T/100BASE-TX 3.5mm line out 3.5mm mic/line in I/O terminal block (DI/DO) DC Power Jack
<b>LED Indicator</b> Power/Link
<b>Button</b> Reset Button
<b>Operating Temperature</b> 0°C ~ 50°C
<b>Operating Humidity</b> 20% to 80%, non-condensing
<b>Dimensions</b> ø180 x 55 mm
<b>Weight</b> 380g
<b>Approvals</b> CE, FCC
<b>Viewing System Requirements</b> OS: Microsoft Windows 7/Vista/XP Browser: Internet Explorer 6.x or above
<b>Bundled Software</b> Bundled with 64-Channel LevelOne IP CamSecure surveillance management software

## Product 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

### Package Content

**FCS-3091:** 2-Megapixel Fish-Eye PoE Dome Network Camera

FCS-3091, Power Adapter, RJ45 Ethernet LAN Cable, Camera Bracket, Quick Installation Guide

CD Manual / Utility

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