2-Megapixel PoE Dome Network Camera

FCS-3071

H/W Version: 2

The LevelOne FCS-3071 is a compact H.264 2-Megapixel PoE Mini Dome Camera designed for tough environments. With its tamper-resistant and IP66-rated housing, it can withstand vibration, humidity, dust and fluctuating temperatures, makes it ideal for both indoor and outdoor applications, specifically designed for mass transit vehicles such as buses and trains. The FCS-3071 is an economical mobile surveillance solution with high reliability and performance, it utilizes PoE (Power-over-Ethernet) to power from a single Ethernet cable, giving greater ease of installation and cost saving. In order to facilitate onboard storage and data portability, the FCS-3071 is also complete with a Micro SD/SDHC card slot for local recording.

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.

64-channel Management Software

We aim to offer you the most versatile and comprehensive surveillance solutions. Our IP CamSecure software coming with the camera allows you to monitor up to 64 megapixel 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.

Key Features

- 2-Megapixel (1920 x 1080) high-definition resolution
- Shockproof for rolling stock application
- Weatherproof IP66-rated housing
- IEEE 802.3af PoE compliant to simplify deployment and installation
- Compression: H.264/MJPEG
- Supports 4 video streams simultaneously
- 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
- Power support: PoE (IEEE 802.3af)
- Free 64-channel monitoring software included (supports iCamSecure App)

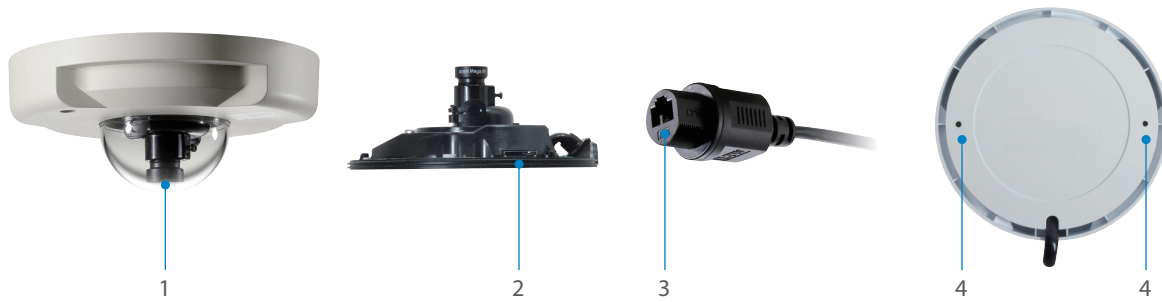### Works Well With

POI-2002
PoE Injector

POR-1100
Outdoor PoE Repeater

Technical Specification

Camera

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

Effective Pixels
1920x1080

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

Angle of View (H)
78°

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

Shutter Time
1 to 1/10000 sec.

Pan/Tilt/Zoom
8x digital zoom

Video

Video Compression
H.264/MJPEG

Resolutions
Full HD 1080p/SXGA/HD 720p/XGA/SVGA/D1/VGA/CIF

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

Video Streaming
Multiple simultaneous streams, up to 4 streams

Image Setting
Adjustable image size, quality and bit rate
Configurable brightness, sharpness, contrast, saturation, white balance and exposure
AGC/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

Network

Networking
10/100 Mbps Ethernet, RJ-45

Security
Multi-level user access with password protection
IP address filtering
HTTPS encrypted data transmission
IEEE 802.1X network access control

Supported protocols
IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ONVIF
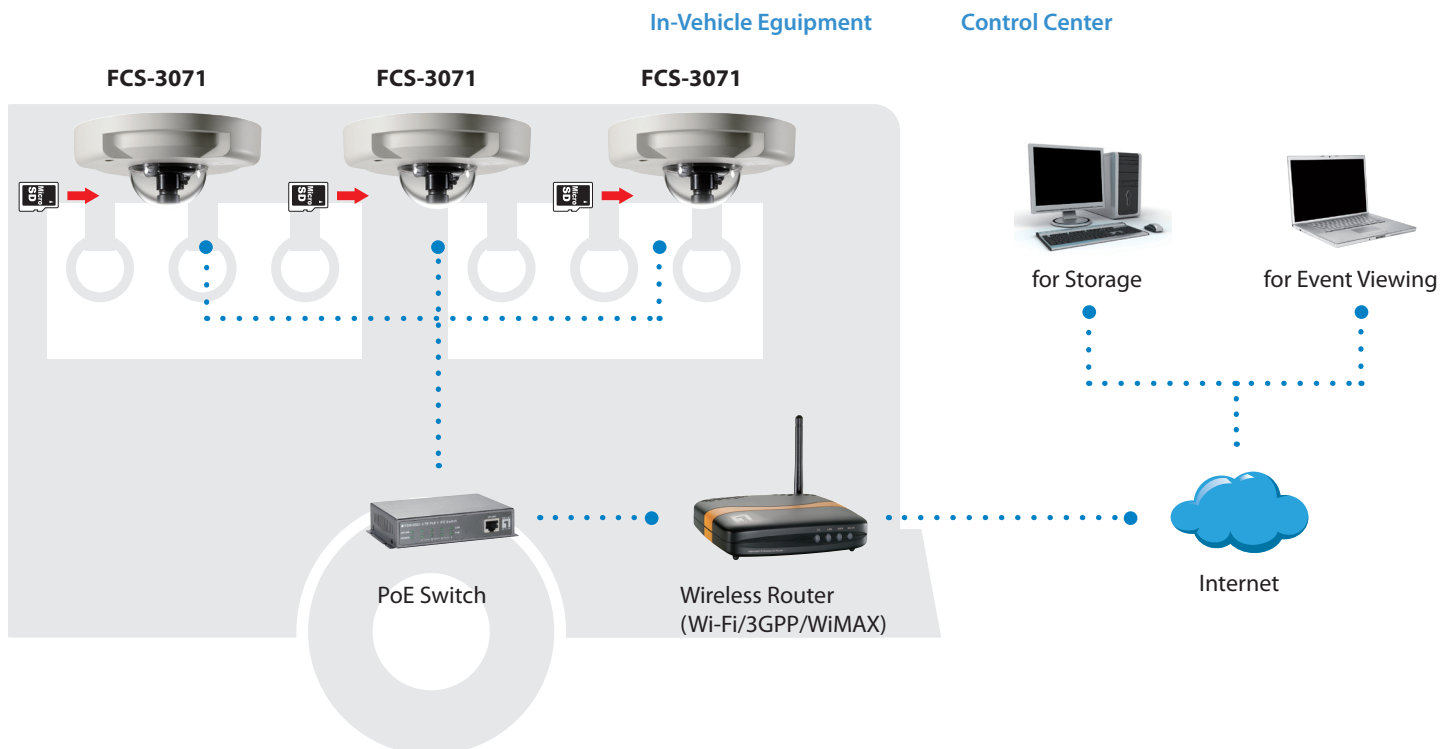
Number of clients
20

Alarm and Event Management

Motion Detection
10 Detection Areas

Other Events
Tampering Detection

Network Failure Detection
Notification
HTTP, FTP, SMTP

General

Local storage
MicroSD/SDHC card slot

Power
802.3af PoE

Power Consumption
max. 3.5W

Connectors
RJ-45 10BASE-T/100BASE-TX

Button
Reset Button

Operating Temperature
-10°C ~ 50°C

Operating Humidity
10% to 90%, non-condensing

Housing
Weather-proof IP66 rated housing

Dimensions
ø117 x 50 mm

Weight
180 g

Approvals
CE, FCC

Viewing System Requirements
OS: Microsoft Windows 7/Vista/XP
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

Bundled Software
Bundled with 64-Channel LevelOne IP CamSecure surveillance management software

Front & Rear View

| 1 | 2 | 3 | 4 | 4 |

1. Lens
2. Micro SD slot
3. RJ-45 Dongle
4. Celling Mount

Product Diagram

In-Vehicle Eguipment   **Control Center**

FCS-3071   **FCS-3071**   **FCS-3071**

for Storage   for Event Viewing

PoE Switch

Wireless Router
(Wi-Fi/3GPP/WiMAX)

Internet

Order Information	**FCS-3071:** 2-Megapixel PoE Dome Network Camera
Package Content	FCS-3071
	Allen Wrench
	Quick Installation Guide
	CD Manual / Utility