

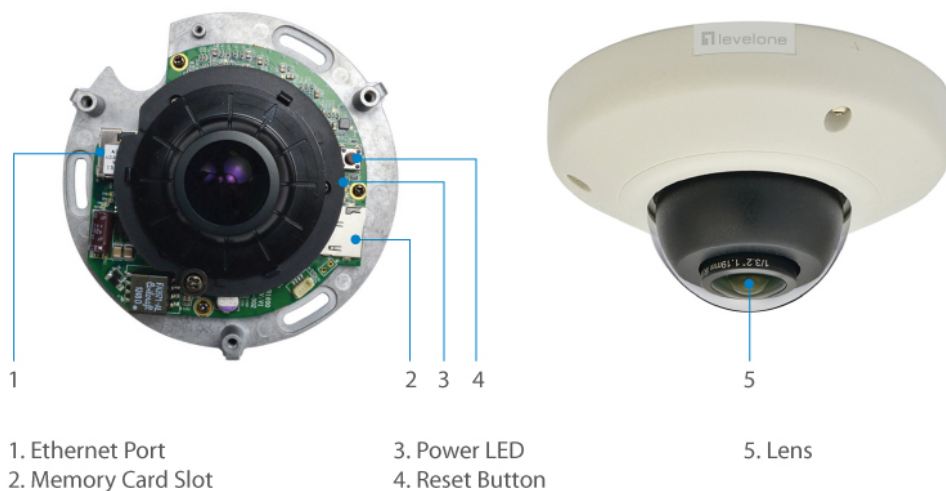


FCS-3093 Version: 1

**!** Power supply unit is to be ordered separately.

## HUBBLE Panoramic Dome IP Network Camera, 5-Megapixel, 802.3af PoE, Vandalproof, Vibrationproof, Indoor/Outdoor

The LevelOne FCS-3093 is a panoramic outdoor IP surveillance camera, offering a full 360 degree view and clear, sharp images in 5 megapixel resolution. LevelOne FCS-3093 comes housed in a low-profile dome mounting, which is perfect for installing in a high area for wide viewing angles, and resists hostile tampering with the camera. The camera is PoE, and can run both power and data through the same Cat.5 cable, making installation fast and flexible. LevelOne FCS-3093 is also weather proof, withstanding operating conditions such as rain, snow, heat, humidity and dust.



### Key Features

- Built-in Micro SDHC/SDXC card slot for local storage
- Weatherproof IP68-rated housing
- 5-Megapixel high-definition resolution
- Offers various 360°/180° video modes for panoramic wide-angle surveillance
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- Features WDR (Wide Dynamic Range) to enhance visibility under extremely bright or dark environments
- Vandal-proof IK10-rated housing
- Shockproof for rolling stock application
- Video compression: H.264, MJPEG
- Power support: PoE (IEEE 802.3af)
- Free surveillance and CMS (Central Management System) software packages with 64-channel license



## Specifications

### System Specifications

#### Standards & Protocols:

IEEE 802.3 10-BASE-T, Ethernet  
IEEE 802.3u 100-BASE-TX, Fast Ethernet  
IEEE 802.3af Power over Ethernet (PoE)  
IEEE 802.1X Network Access Control  
TCP, UDP, HTTP, HTTPS, DHCP, PPPoE, RTP, RTSP, IPv6, DNS, DDNS, NTP, ICMP, ARP, IGMP, SMTP, FTP, UPnP, SNMP, Bonjour

#### Image Sensor:

5-Megapixel 1/3.2" Progressive Scan CMOS

#### Lens:

Fixed focal, Fixed iris, Fixed focus, f1.19mm, F2.0

#### Port:

1 x RJ-45 10/100 Mbps PoE port  
1 x Mic in  
1 x MicroSDHC/ MicroSDXC card slot

#### Button/Knob:

Reset Button

#### Indicator:

Power

#### Shutter Time:

1/5 ~ 1/10,000 sec

#### Angle of View:

180° (overview area), 109.8° (high detail area)

#### Pan/Tilt/Zoom:

Digital Zoom to very high detail available on Software

#### Video Compression:

H.264 / MJPEG

#### Resolution:

2592 x 1944(5M), 2048 x 1536, 640 x 480, 320 x 240

#### Output Video Format:

RAW

#### Audio Compression:

G.711

#### Power Input:

802.3af PoE

#### Power Consumption:

PoE Class 1 (IEEE802.3af) / 2.91 W

#### Data Rate:

10/100Mbps

#### Storage Capacity:

SD/MicroSD memory card of up to 64GB

### Features

#### General:

Backup: MicroSDHC /MicroSDXC card slot for local storage

#### Video:

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), Basic WDR (74 dB)

- 2D Noise Reduction (2DNR)

Streaming: Up to 2 video streams

#### Audio:

Streaming: 1-way audio

Input: Mic in

### Performance

#### Frame Rate (fps):

15 fps for all resolutions

#### Minimum illumination:

Color: 0.1 lux

B/W: 0.05 lux at F2.0

### Environment

#### Operating Temperature (°C):

Operating: -20°C ~ 50°C

#### Operating Humidity (Non-condensing):

Operating: 10% ~ 85%

#### Installation:

Ceiling Mount

### Physical Specifications

#### Dimensions (W x D x H mm):

110 x 58 x 110

#### Weight (g):

492 g

### Approval and Compliance

#### EMI/EMS:

CE, RoHS, FCC, ONVIF, IP68, IK10, NEMA 4X, EN50155

#### Environmental Test:

Weather proof IP68-rated housing

Vandal proof IK10-rated

Shock proof for rolling stock application

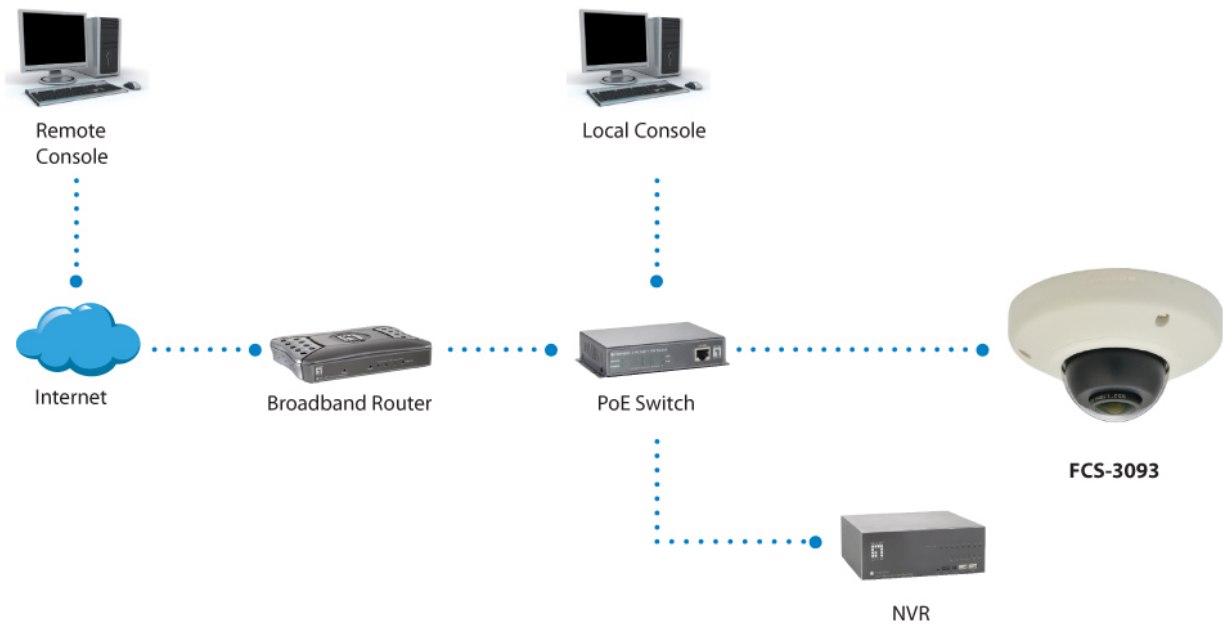
### Others

#### Supported Browsers:

Microsoft Windows 8/7/Vista/XP



## Diagram



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## Order Information

FCS-3093

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## Package Contents

FCS-3093  
Screw Kit  
Quick Installation Guide  
Resource CD (User Manual, Utility, QIG)

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## Optional Accessory



**CAS-2316**  
Wall Mount Bracket

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