



FCS-3905 Version: 1

## GEMINI Panoramic Dome IP Network Camera, 3-Megapixel, 802.3af PoE, two-way audio, IR LEDs

The LevelOne FCS-3905 is a panoramic IP surveillance camera, offering a full 360 degree view and clear, sharp images in 3-megapixel resolution. LevelOne FCS-3905 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.

### Key Features

- 3-Megapixel high-definition resolution
- Video compression: H.264, H.265, MJPEG
- Offers various 360°/180° video modes for panoramic wide-angle surveillance
- Features WDR (Wide Dynamic Range) to enhance visibility under extremely bright or dark environments
- Built-in Micro SDHC/SDXC card slot for local storage
- Removable IR-cut filter for day and night surveillance

### Specifications

#### System Specifications

##### Standards & Protocols:

TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6

##### Image Sensor:

1/2.8" Progressive Scan CMOS

##### Lens:

1.16 mm @ F2.2, horizontal field of view: 180°, vertical field of view: 180°

##### Port:

10/100Mbps (100Base-T) RJ45 Ethernet interface

Power Connector

Audio:In/Out

I/O terminal block (1 DI/1 DO)

1 x MicroSDHC/ MicroSDXC card slot

##### Button/Knob:

Reset

**Indicator:**

Power

**IR Cut Filter:**

Support

**IR LED:**

Up to 8 m IR

**Shutter Time:**

1/3 s to 1/100,000 s, support slow shutter

**Angle of View:**

horizontal field of view: 180°, vertical field of view: 180°

**Video Format:**

H.265/H.264/MJPEG

**Resolution:**

50Hz:25fps (2048 × 1536, 1600 × 1200, 1280 × 960)

60Hz:30fps (2048 × 1536, 1600 × 1200, 1280 × 960)

**Output Video Format:**

MPEG-4

**Audio Compression:**

G.711/G.722.1/G.726/MP2L2/PCM

**Power Input:**

DC 12V ± 25%, 0.4A,

PoE(802.3af 36-57V, class 3)

**Power Consumption:**

DC 12V ± 25%, 0.4A, 4.8W

PoE(802.3af 36-57V, class 3), 0.4 – 0.7 A, 6.4W

**Data Rate:**

Video Bit Rate:32 Kbps to 16 Mbps

Audio Compression:G.711/G.722.1/G.726/MP2L2/PCM

**Storage Capacity:**

MicroSDHC/ MicroSDXC card slot up to 128 G

**Operating Temperature (°C):**

-10 °C to +50 °C (-14 °F to +122 °F)

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

95%

## Wireless

**Others:**

1 alarm input, 1 alarm output (DC24V, 1A or AC110V, 500mA, max.)

## Features

**General:**

Saturation, brightness, contrast, and sharpness are adjustable via client software or web browser

Support 14 display modes in total (including display modes of different mount types):

Fisheye View, 180 Panorama View, 4PTZ, Fisheye + 3PTZ, 360 Panorama View, 360 Panorama + PTZ,

360 Panorama + 3PTZ, 360 Panorama + 6PTZ, 360 Panorama + 8PTZ, 2PTZ, Fisheye + 8PTZ, Panorama

View, Panorama + 3PTZ, Panorama + 8PTZ

**PoE:**

PoE(802.3af 36-57V, class 3)

**Security:**

Motion detection, dynamic analysis, intrusion detection, line crossing detection  
Video tampering alarm, HDD full, HDD error, network disconnected, IP address conflicted, illegal login

**Management:**

One-key reset, anti-flicker, password protection, privacy mask, IP Address filtering, heartbeat, watermark

**Video:**

3D DNR, WDR 120 dB  
Support 1 fixed region for main stream and sub stream

**Audio:**

G.711/G.722.1/G.726/MP2L2/PCM

## Performance

**Number of Clients:**

32

**Frame Rate (fps):**

Main Stream:  
50Hz: 25fps (2048 × 1536, 1600 × 1200, 1280 × 960)  
60Hz: 30fps (2048 × 1536, 1600 × 1200, 1280 × 960)

**Sub Stream:**

50Hz: 25fps (352 × 288, 704 × 576)  
60Hz: 30fps (352 × 240, 704 × 576)

**Minimum illumination:**

Color: 0.005Lux @ (F1.2, AGC ON), 0 Lux with IR on

## Physical Specifications

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

? 119.9 × 41.2 mm (? 4.72? × 1.62?)

**Weight (g):**

600

**Color:**

White

## Approval and Compliance

**EMI/EMS:**

CE/FCC

**Others:**

ONVIF (Profile S, Profile G), PSIA, CGI, ISAPI, Manufactured in ISO-9001 and ISO-14001 certified factory  
RoHS

## Others

**Supported Browsers:**

IE9+

## Order Information

FCS-3905

## Package Contents

FCS-3905  
Screw Kit  
Resource CD (User Manual, Utility, QIG)



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