



FCS-5096 Version: 1

## GEMINI Zoom IP Network Camera, 2-Megapixel, H.265, 802.3at PoE, 4.3X Optical Zoom, IR LEDs, Indoor/Outdoor, Vandalproof

The LevelOne FCS-5096 is a fixed-position outdoor camera offering an ultra-reliable, cost-effective solution for outdoor IP surveillance networks, and is rated at IP67 to operate within rain, extreme heat, snow, dust and humid conditions. Offering clear, sharp imagery with 2-Megapixel resolution and the versatility of 802.3af standard PoE to transfer power and data via a single Cat.5 cable, the LevelOne FCS-5096 should be an essential part of any security deployment that requires smart, reliable outdoor cameras.

### Key Features

- 60 fps High Frame Rate (HFR) video in 1080p
- Video compression: H.264, H.265
- Supports 4.3X optical zoom
- Features WDR (Wide Dynamic Range) to enhance visibility under extremely bright or dark environments
- Vandal-proof IK10-rated housing
- Weatherproof IP67-rated housing
- Built-in infrared LEDs for night viewing up to 50m
- Built-in Micro SDHC/SDXC card slot for local storage

### 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, Bonjour

##### Image Sensor:

1/2.8" Progressive Scan CMOS

##### Lens:

2.8 to 12 mm

##### Port:

- 1 x RJ-45 10/100 Mbps PoE port
- Power Connector
- 1 x MicroSDHC/ MicroSDXC card slot
- 1 X 1Vp 1Vp-p composite output (75 Ω/BNC)
- 1 X Terminal Block DI/DO (max 12 VDC, 30 mA)
- 1 x Audio in/Out
- 1 X Terminal Block 12 VDC

**Button/Knob:**

Reset Button

**Indicator:**

Power

**IR Cut Filter:**

Removable infrared-cut filter for day & night function

**IR LED:**

IR LEDs for illumination up to 50m

**Shutter Time:**

1/3 s to 1/100,000 s

**Angle of View:**

Horizontal field of view: 105°to 35°

Vertical field of view: 56°to 20°

Diagonal field of view: 126°to 40.5°

**Pan/Tilt/Zoom:**

4.3X Optical Zoom

**Video Compression:**

H.265, H.264, MJPEG(sub stream)

**Resolution:**

50Hz: 50fps (1920 × 1080, 1280 × 960, 1280×720)

60Hz: 60fps (1920 × 1080, 1280 × 960, 1280×720)

**Output Video Format:**

AVI

**Audio Compression:**

G722.1/G711ulaw/G711alaw/G726/MP2L2/PCM

**Power Input:**

12 V DC ± DC ± 25%, PoE (802.at)

**Power Consumption:**

12 VDC, 1.3A, max. 15.5W

PoE (802.3at, 42.5V to 57V), 0.5A to 0.1A, max. 17.5W

**Data Rate:**

32 Kbps to 16 Mbps

**Storage Capacity:**

Built-in microSD/SDHC/SDXC slot, up to 128 GB

## Features

**General:**

Motion Detection, Rotated Mode, Mirror, Color Adjustment (Brightness, Contrast, Saturation), Sharpness Adjustment, Anti-Flicker, Watermark, Privacy Mask, Automatic gain control (AGC) .

**PoE:**

PoE(802.3at)

**Security:**

One-key Reset, Heartbeat, Password Protection, IPv4, IPv6, File Management, Object Removal Detection, IP address filtering.

**Management:**

Event Triggers (Network Disconnected, IP address Conflict, Illegal Login, HDD Full, HDD Error, Alarm Input, Alarm Output, Line Crossing Detection, Intrusion Detection, Face detection)

**Video:**

120dB Wide Dynamic Range, BLC, Auto White Balance (AWB), Privacy Mask (up to 5 region), 3D DNR, Triple Stream

**Audio:**

8kHz/16kHz/32kHz/44.1kHz/48kHz

## Performance

**Number of Clients:**

32

**Frame Rate (fps):****Main Stream**

50Hz: 50fps (1920 × 1080, 1280 × 960, 1280×720)

60Hz: 60fps (1920 × 1080, 1280 × 960, 1280×720)

**Sub Stream**

50Hz: 25fps (640 × 480, 640 × 360, 320 × 240)

60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)

**Third Stream**

50Hz: 25fps (1920 × 1080, 1280×720, 640 × 360, 352 × 288)

60Hz: 30fps (1920 × 1080, 1280×720, 640 × 360, 352 × 240)

**Minimum illumination:**

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

B/W: 0.0068 Lux @ (F1.4, AGC ON), 0 Lux with IR

## Environment

**Operating Temperature (°C):**

-30 °C to +60 °C (-22 °F to +140 °F)

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

Humidity 95%

## Physical Specifications

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

144.13×332.73 mm ( 5.67"× 13.10")

**Weight (g):**

1893 g (4.17l b.)

**Color:**

White

## Approval and Compliance

**EMI/EMS:**

CE, FCC, UL

**Safety:**

IK10

**Environmental Test:**

IP67

**Others:**

Manufactured in ISO-9001 and ISO-14001 certified factory

## Others



#### Supported Browsers:

IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+

#### Compatibility:

ONVIF

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### Order Information

FCS-5096

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### Package Contents

FCS-5096

Resource CD (User Manual, Utility, 64-CH Monitoring Software)

Screw Kit

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### Optional Accessory



#### **CAS-7344**

Pole Mount Bracket, Clamping Range 2.6"-5"



#### **CAS-7345**

Corner Mount Bracket

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