



FCS-5095 Version: 1

! Power supply unit is to be ordered separately.

## Fixed IP Network Camera, 8-Megapixel, H.265/264, 802.3at PoE, 4.3X Optical Zoom, IR LEDs, Indoor/Outdoor, Vandalproof

The LevelOne FCS-5095 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 8-Megapixel resolution and the versatility of 802.3af standard PoE to transfer power and data via a single Cat.5 cable, the LevelOne FCS-5095 should be an essential part of any security deployment that requires smart, reliable outdoor cameras.

### Key Features

- 8-Megapixel high-definition resolution
- 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
- Dual power support: 12V DC/PoE (IEEE 802.3at)

### Specifications

#### System Specifications

##### Standards & Protocols:

TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, IEEE802.1x

##### Image Sensor:

1/2.5" Progressive Scan CMOS

##### Lens:

Motorization 2.8 - 12 mm @ F1.4

##### 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 ~ 1/100,000 sec

**Angle of View:**

Horizontal field of view: 120° to 36°

Vertical field of view: 62° to 20.5°

Diagonal field of view: 149° to 42°

**Pan/Tilt/Zoom:**

4.3X Optical Zoom

**Video Compression:**

H.265, H.264, H264+

**Resolution:**

50Hz: 20 fps (3840 × 2160), 25 fps (2560 × 1920, 2560 × 1440, 1920 × 1080, 1280 × 720)

60Hz: 20 fps (3840 × 2160), 30 fps (2560 × 1920, 2560 × 1440, 1920 × 1080, 1280 × 720)

**Video Format:**

AVI

**Power Input:**

12 V DC ± DC ± 25%, PoE (802.at)

**Power Consumption:**

12 VDC, 1.5A, max 17W

PoE (802.3at, 42.5V to 57V), 0.1A to 0.5A, max. 19W

**Data Transfer Rate:**

32 Kbps to 16 Mbps

## Features

**General:**

rotate mode. Brightness, contrast, saturation, and sharpness are adjustable via web browser.

**PoE:**

PoE(802.3at)

**Security:**

One-key Reset, Anti-Flicker, Heartbeat, Mirror, Password Protection, Privacy Mask, Watermark, IP Address Filter

**Management:**

Motion detection, video tampering, network disconnected, IP address conflict, illegal login, HDD full, HDD error, Alarm input, Alarm output, Line crossing detection, intrusion detection

**Video:**

120dB Wide Dynamic Range

Support 1 fixed region for mainstream and sub stream separately

## Performance

**Number of Clients:**

32

**Storage Capacity:**

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

**Frame Rate (fps):**

20 fps (3840 × 2160)

**Minimum illumination:**

Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR

Color: 0.014 Lux @ (F1.4, AGC ON), 0 Lux with IR

## Environment

**Temperature (°C):**

-30 °C to +60 °C (-22 °F to +140 °F)

**Humidity (Non-condensing):**

95% or less

## Physical Specifications

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

144.13x332.73 mm ( 5.67"× 13.10")

**Weight (g):**

1893 g (4.17l b.)

**Color:**

White

## Approval and Compliance

**EMI/EMS:**

CE/FCC

**Safety:**

IK10

**Environmental Test:**

IP67

**Others:**

ONVIF

## Others

**Viewing Systems:**

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

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## Order Information

FCS-5095

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## Package Contents

FCS-5095

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

Screw Kit

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