



FCS-3090 Version: 1

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

## Fixed Dome IP Network Camera, H.265, 5-Megapixel, 802.3af PoE, Vandalproof, IR LEDs, two-way audio, Indoor/Outdoor

The LevelOne FCS-3090 Fixed Dome Outdoor Camera offers a highly reliable, cost-effective outdoor IP surveillance solution in a low-profile dome mounted casing, which is rated at IP67 and able to withstand outdoor operating conditions such as rain, snow, extreme heat, dust and humidity. The FCS-3090 offers 5-Megapixel resolution, and with 802.3af standard PoE, can use a single Cat.5 cable to run both power and data, making deployments easy and flexible. The dome mounting prevents malicious tampering with the camera, making it a secure and smart choice for all outdoor installations.

### Key Features

- 5-Megapixel high-definition resolution
- Video compression: H.264, H.265
- Features WDR (Wide Dynamic Range) to enhance visibility under extremely bright or dark environments
- Built-in infrared LEDs for night viewing up to 30m
- IEEE 802.3af PoE compliant to simplify deployment and installation
- Vandal-proof IK10-rated housing
- Built-in Micro SDHC/SDXC card slot for local storage
- Weatherproof IP67-rated housing
- Free surveillance and CMS (Central Management System) software packages with 64-channel license

### 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, IPv4

##### Image Sensor:

1/2.8" Progressive Scan CMOS

##### Lens:

Fixed-focal, f=4mm, F2.0

##### Port:

1 x RJ-45 10/100 Mbps PoE port

Power Connector

Audio:In/Out

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

1 x MicroSDHC/ MicroSDXC card slot

**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 30m

**Shutter Time:**

1/3 ~ 1/10,000 sec

**Angle of View:**

63.5°

**Video Compression:**

H.265, H.264

**Resolution:**

50Hz: 20 fps (2560 × 1656), 25 fps 2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 720)

60Hz: 20 fps (2560 × 1656), 30 fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 720)

**Output Video Format:**

AVI

**Audio Compression:**

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

64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-128Kbps(MP2L2)

**Power Input:**

12 VDC ± 25%, 5.5 W

PoE(802.3af, class 3), 7 W

**Power Consumption:**

5.5-7W

**Data Rate:**

32 Kbps to 16 Mbps

**Storage Capacity:**

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

## Features

**General:**

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

**PoE:**

PoE(802.3af, class 3)

**Security:**

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

**Management:**

Behavior Analysis: Line crossing detection, intrusion detection, unattended baggage detection, object removal detection

Line Crossing Detection: Cross a pre-defined virtual line, up to 1 pre-defined virtual lines supported

Intrusion Detection: Enter and loiter in a pre-defined virtual region, up to 1 pre-defined virtual regions supported

Object Removal Detection: Objects removed from the pre-defined region, such as the exhibits on display.

Unattended Baggage Detection: Objects left over in the pre-defined region such as the baggage, purse, dangerous materials

Face Detection: Human face appears in the image can be detected and trigger linkage method.

**Video:**

Support 1 fixed region for mainstream and sub stream separately  
Motion Detection x 32 Zone

**Audio:**

1 audio input (line in), 1 audio output

## Performance

**Number of Clients:**

16

**Frame Rate (fps):**

50Hz: 20 fps (2560 × 1656), 25 fps 2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 720)

60Hz: 20 fps (2560 × 1656), 30 fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 720)

**Minimum illumination:**

Color: 0.01 lux @(F1.2, 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% or less

## Physical Specifications

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

? 111 × 82.4 mm (? 4.4? × 3.2?)

**Weight (g):**

500

**Color:**

White

## Approval and Compliance

**EMI/EMS:**

CF,FCC,UL

**Environmental Test:**

IP67, IK10

**Others:**

ONVIF

Manufactured in ISO-9001 and ISO-14001 certified factory

## Others

**Supported Browsers:**

Windows 7/8/10

**Compatibility:**

IE browser above 9

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## Order Information

FCS-3090



## Package Contents

FCS-3090

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

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## Optional Accessory



**CAS-7301**  
Wall Mount Bracket



**CAS-7302**  
Wall mount bracket with Junction Box



**CAS-7303**  
Pole Mount Bracket, Clamping Range 2.6"-5"



**CAS-7304**  
Inclined Ceiling Mount Bracket



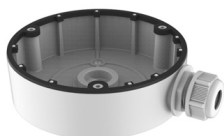
**CAS-7306**  
Pendant Mount Bracket



**CAS-7307**  
Corner Mount Bracket



**CAS-7309**  
Weather Shield



**CAS-7310**  
Junction box for Dome Camera

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