



FCS-3090 Version: 1

! Power supply unit is to be ordered separately.

Fixed Dome IP Network Camera, H.265/264, 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)

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 Transfer Rate:

32 Kbps to 16 Mbps

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

Storage Capacity:

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

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

Temperature (°C):

-30 °C to +60 °C (-22 °F to +140 °F)

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

Viewing Systems:

Windows 7/8/10

Compatibility:

IE browser above 9



Order Information

FCS-3090

Package Contents

FCS-3090

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

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



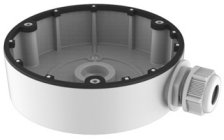
CAS-7307

Corner Mount Bracket



CAS-7309

Weather Shield



CAS-7310

Junction box for Dome Camera

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