



FCS-3098 Version: 1

Zoom Dome IP Network Camera, 8-Megapixel, H.265, 4.3X Optical Zoom, 802.3af PoE, IR LEDs, two-way audio, Indoor/Outdoor, Vandalproof

The LevelOne FCS-3098 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-3098 offers 8-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

- 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 30m
- Built-in Micro SDHC/SDXC card slot for local storage
- Dual power support: 12V DC/PoE (IEEE 802.3af)
- 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, IPv4, IPv6

Image Sensor:

1/2.5" Progressive Scan CMOS

Lens:

2.8~12mm motorized VF lens, F2.0

Port:

1 x RJ-45 10/100 Mbps Base-T PoE port

Power Connector

Audio: In/Out

1Vp-p composite output (75 Ω/BNC)

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 ~ 1/100,000 sec

Angle of View:

Horizontal field of view: 115° to 35°

Vertical field of view: 60° to 19°

Diagonal field of view: 146° to 38.5°

Video Compression:

H.265, H.264, MJPEG

Resolution:

50Hz: 20 fps (3840 × 2160), 25 fps (2944 × 1656, 2560 × 1440, 1920 × 1080, 1280 × 720)

60Hz: 20 fps (3840 × 2160), 30 fps (2944 × 1656, 2560 × 1440, 1920 × 1080, 1280 × 720)

Output Video Format:

AVI

Audio Compression:

G722.1/G711ulaw/G711alaw/G726/MP2L2

Power Input:

12 VDC, 0.95A, max. 11.5W

PoE (802.3af, 37V to 57V), 0.3A to 0.1A, max. 12.9W

Power Consumption:

11.5-12.9W

Data Rate:

Video Bit Rate: 32 Kbps to 16 Mbps

Audio Bit Rate: 32 to 128kbps

Storage Capacity:

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

Optical Zoom:

4.3X Optical Zoom

Features

General:

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

PoE:

PoE(802.3af, class 3)

Security:

One-key Reset, Anti-Flicker, Heartbeat, Mirror, Password Protection, 5 x zoom 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, pull dangerous materials

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

Video:

120dB Wide Dynamic Range

Region of Interest: Support 1 fixed region for mainstream and sub stream separately(ROI)

support Triple stream

3 DNR,ANR

Audio:

1 audio input (line in), 1 audio output

Performance

Number of Clients:

32

Frame Rate (fps):

50Hz: 20 fps (3840 × 2160), 25 fps (2944 × 1656, 2560 × 1440, 1920 × 1080, 1280 × 720)

60Hz: 20 fps (3840 × 2160), 30 fps (2944 × 1656, 2560 × 1440, 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):

153.4 × 153.4 × 133.1 mm (6.04" × 5.24")

Weight (g):

1287

Color:

White

Approval and Compliance

EMI/EMS:

CF/FCC,UL

Safety:

IK10

Environmental Test:

IP67

Others:

ONVIF, ISO-9001/ISO-14001 certified factory

Others

Supported Browsers:

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



Order Information

FCS-3098

Package Contents

FCS-3098

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

Screw Kit

Optional Accessory



CAS-7342

Pendant Mount Bracket



CAS-7343

Wall Mount Bracket



CAS-7344

Pole Mount Bracket, Clamping Range 2.6"-5"



CAS-7345

Corner Mount Bracket

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