![LevelOne logo](level® one)

FCS-3098 Version: 1

Fixed Dome IP Network Camera, 8-Megapixel, H.265/264, 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

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

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 ?/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°

Pan/Tilt/Zoom:
4.3X Optical Zoom

Video Compression:
H.265, H.264

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)

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 Transfer Rate:
Video Bit Rate: 32 Kbps to 16 Mbps
Audio Bit Rate: 32 to 128kbps

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, 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:
120dB Wide Dynamic Range
Support 1 fixed region for mainstream and sub stream separately

Audio:
1 audio input (line in), 1 audio output

Performance

Number of Clients:
32

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

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

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

Weight (g):
1287

Color:
White

Approval and Compliance

EMI/EMS:
CF/FCC

Safety:
IK10

Environmental Test:
IP67

Others:
ONVIF

Others

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

Compatibility:
ISO-9001 certified factory

Order Information

FCS-3098

Package Contents

FCS-3098
Resource CD (User Manual, Utility, 64-CH Monitoring Software)
Screw Kit