level one®

FCS-5093 Version: 1

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

GEMINI Fixed IP Network Camera, 8-Megapixel, H.265, 802.3af PoE, IR LEDs, Indoor/Outdoor

The LevelOne FCS-5093 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-5093 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
- Built-in infrared LEDs for night viewing up to 50m
- Weatherproof IP67-rated housing
- Built-in Micro SDHC/SDXC card slot for local storage
- Features WDR (Wide Dynamic Range) to enhance visibility under extremely bright or dark environments

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:
4 mm @ F2.0

Port:
1 x RJ-45 10/100 Mbps PoE port
Power Connector
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 50m

Shutter Time:
1/3 ~ 100,000 sec

Angle of View:
79°

Video Compression:
H.265,H.264,H.264+,MJPEG(stream 2)

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)

Output Video Format:
AVI

Power Input:
12 VDC ± 25%, PoE(802.3af 42.5 – 57 V, class 3)

Power Consumption:
12 VDC ± 25%, 7.5W; PoE, 9.5W

Data Rate:
32 Kbps to 16 Mbps

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

Wireless

Data Transfer Rate:
Video Bit Rate : 32 Kbps to 16 Mbps

Features

General:
rotate mode. Brightness, contrast, saturation, and sharpness are adjustable via web browser.120dB Wide Dynamic Range

PoE:
PoE(802.3at)

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

Performance

Number of Clients:
32

Frame Rate (fps):
50Hz: 20 fps (3840 × 2160)
60Hz: 20 fps (3840 × 2160)

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):
95% or less

Physical Specifications

Dimensions (W x D x H mm):
?104.8 × 299.7 mm (?4.13? × 11.8?)

Weight (g):
1200 g (2.65 lb.)

Color:
White

Approval and Compliance

EMI/EMS:
CE/FCC

Environmental Test:
IP67

Others:
ONVIF
Manufactured in ISO-9001 and ISO-14001 certified factory
RoHS

Others

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

Order Information

FCS-5093

Package Contents

FCS-5093
Resource CD (User Manual, Utility, 64-CH Monitoring Software)
Screw Kit

Optional Accessory

CAS-7303

Pole Mount Bracket, Clamping Range 2.6"-5"

CAS-7307

Corner Mount Bracket

CAS-7311

Junction box for Bullet Camera

CAS-7312

Power Intake Box for Bullet Camera