FCS-5096 Version: 1



GEMINI Zoom IP Network Camera, 2-Megapixel, H.265, 802.3at PoE, 4.3X Optical Zoom, IR LEDs, Indoor/Outdoor, Vandalproof

The LevelOne FCS-5096 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 2-Megapixel resolution and the versatility of 802.3af standard PoE to transfer power and data via a single Cat.5 cable, the LevelOne FCS-5096 should be an essential part of any security deployment that requires smart, reliable outdoor cameras.

Key Features

- 60 fps High Frame Rate (HFR) video in 1080p
- 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 50m
- Built-in Micro SDHC/SDXC card slot for local storage

Specifications

System Specifications

Standards & Protocols:
TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP,IGMP, 802.1X, QoS, IPv6, Bonjour

Image Sensor:
1/2.8" Progressive Scan CMOS

Lens:
2.8 to 12 mm

Port:
1 x RJ-45 10/100 Mbps PoE port
Power Connector
1 x MicroSDHC/ MicroSDXC card slot
1 X 1Vp 1Vp-p composite output (75 ?/BNC)
1 X Terminal Block DI/DO (max 12 VDC, 30 mA)
1 x Audio in/Out
1 X Terminal Block 12 VDC

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 s to 1/100,000 s

Angle of View:
Horizontal field of view: 105°to 35°
Vertical field of view: 56°to 20°
Diagonal field of view: 126°to 40.5°

Pan/Tilt/Zoom:
4.3X Optical Zoom

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

Resolution:
50Hz: 50fps (1920 × 1080, 1280 × 960, 1280×720)
60Hz: 60fps (1920 × 1080, 1280 × 960, 1280×720)

Output Video Format:
AVI

Audio Compression:
G722.1/G711ulaw/G711alaw/G726/MP2L2/PCM

Power Input:
12 V DC ± DC ± 25%, PoE (802.at)

Power Consumption:
12 VDC, 1.3A, max. 15.5W
PoE (802.3at, 42.5V to 57V), 0.5A to 0.1A, max. 17.5W

Data Rate:
32 Kbps to 16 Mbps

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

Features

General:
Motion Detection, Rotated Mode, Mirror, Color Adjustment (Brightness, Contrast, Saturation), Sharpness Adjustment, Anti-Flicker, Watermark, Privacy Mask,Automatic gain control (AGC) .

PoE:
PoE(802.3at)

Security:
One-key Reset, Heartbeat, Password Protection, IPv4, IPv6, File Management,Object Removal Detection, IP address filtering.

Management:
Event Triggers (Network Disconnected, IP address Conflict, Illegal Login, HDD Full, HDD Error, Alarm Input, Alarm Output, Line Crossing Detection, Intrusion Detection, Face detection)

Video:
120dB Wide Dynamic Range, BLC, Auto White Balance (AWB), Privacy Mask (up to 5 region), 3D DNR,Triple Stream

Audio:
8kHz/16kHz/32kHz/44.1kHz/48kHz

Performance

Number of Clients:
32

Frame Rate (fps):
Main Stream
50Hz: 50fps (1920 × 1080, 1280 × 960, 1280×720)
60Hz: 60fps (1920 × 1080, 1280 × 960, 1280×720)
Sub Stream
50Hz: 25fps (640 × 480, 640 × 360, 320 × 240)
60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Third Stream
50Hz: 25fps (1920 × 1080, 1280×720, 640 × 360, 352 × 288)
60Hz: 30fps (1920 × 1080, 1280×720, 640 × 360, 352 × 240)

Minimum illumination:
Color: 0.005 Lux @ (F1.2, AGC ON), 0 Lux with IR
B/W: 0.0068 Lux @ (F1.4, 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%

Physical Specifications

Dimensions (W x D x H mm):
144.13×332.73 mm (5.67"× 13.10")

Weight (g):
1893 g (4.17l b.)

Color:
White

Approval and Compliance

EMI/EMS:
CE,FCC,UL

Safety:
IK10

Environmental Test:
IP67

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

Others

Supported Browsers:
IE8+,

Compatibility:
ONVIF

Order Information

FCS-5096

Package Contents

FCS-5096
Resource CD (User Manual, Utility, 64-CH Monitoring Software)
Screw Kit

Optional Accessory



CAS-7344
Pole Mount Bracket, Clamping Range 2.6"-5"



CAS-7345
Corner Mount Bracket

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