![LevelOne logo]

FCS-3406 Version: 1

GEMINI Fixed Dome IP Network Camera, 2-Megapixel, H.265, 60fps HFR, 4.3X Optical Zoom, IR LEDs, Indoor/Outdoor

The LevelOne FCS-3406 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-3406 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 30m
- Built-in Micro SDHC/SDXC card slot for local storage

Specifications

System Specifications

Standards:
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:
1/1.8" Progressive Scan CMOS

Lens:
2.8 to 12 mm motorization

Port:
10/100Mbps (100Base-T) RJ45 Ethernet interface
Power Connector
Audio:In/Out
I/O terminal block (1 DI/1 DO)
1 x MicroSDHC/ MicroSDXC card slot
1 RS-485 interface

Button/Knob:
Reset Button

IR Cut Filter:
Support

IR LED:
Up to 30m

Shutter Time:
1 s to 1/100,000 s

Angle of View:
Horizontal field of view: 103°to 38°
Vertical field of view: 54°to 21°
Diagonal field of view: 124°to 44°

Video Format:
H.265/H.264/MJPEG

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

Output Video Format:
MPEG-4

Audio Compression:
G.711/G.722.1/G.726/MP2L2, 64 Kbps (G.711)/16 Kbps
(G.722.1)/16 Kbps (G.726)/32 to 128 Kbps (MP2L2

Power Input:
12V DC±10%, PoE (802.3af)

Power Consumption:
With extra load: 12 VDC, 0.8 A, max. 10.5 W; PoE (802.3af, 36 V to 57 V), 0.2 A to 0.3 A, class 3
Without extra load: 12 VDC, 0.6 A, max. 8 W; PoE (802.3af, 36 V to 57 V), 0.2 A to 0.3 A, class 3
"with extra load" means that an extra device is connected to and powered by the camera.

Data Rate:
32Kbps~16Mbps

Storage Capacity:
Built-in Micro SD/SDHC/SDXC slot, up to 256 GB

Optical Zoom:
4.3 X

Operating Temperature (°C):
-30 °C ~ 60 °C (-22 °F ~ 140 °F)

Operating Humidity (Non-condensing):
Humidity 95% or less

Mount:
Wall,Ceiling

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 (802.3af Class3)

Security:

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

Scene change detection, audio exception detection, defocus detection

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:

140 dB Wide Dynamic Range, BLC, Auto White Balance (AWB), 3D DNR,Fifth Stream

Line crossing detection, up to 4 lines configurable

Intrusion detection, up to 4 regions configurable

Region entrance detection, up to 4 regions configurable

Region exiting detection, up to 4 regions configurable

Unattended baggage detection, up to 4 regions configurable

Object removal detection, up to 4 regions configurable

Face detection: detects faces and upload images

Scene change detection, audio exception detection, defocus detection

Audio:

Line IN/Out

8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz

Ease of Use:

Up to 32 users, 3 levels: administrator, operator and user

Performance

Number of Clients:

Live View: Up to 20 channels

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 (704 × 576, 640 × 480)

60Hz: 30fps (704 × 480, 640 × 480)

Third Stream:

50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480)

60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480)

Fourth Stream:

50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480)

60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)

Fifth Stream:

50Hz: 25fps (704 × 576, 640 × 480)

60Hz: 30fps (704 × 480, 640 × 480)

Minimum illumination:

Color: 0.002 Lux @ (F1.2, AGC ON)

0 Lux with IR

Physical Specifications

Dimensions (W x D x H mm):

140.5 × 122.6 mm (?5.5? × 4.8?)

Weight (g):

900 g (1.98 lb.)

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-3406

Package Contents

FCS-3406
Screw Kit
Resource CD (User Manual, Utility, 64-CH Monitoring Software)