



FCS-3085 Version: 1

! Power supply unit is to be ordered separately.

GEMINI Varifocal Dome IP Network Camera, 4-Megapixel, Indoor/Outdoor, 802.3af PoE, IR LEDs, two-way audio

The LevelOne FCS-3085 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 IP66 and able to withstand outdoor operating conditions such as rain, snow, extreme heat, dust and humidity. The FCS-3085 offers 4-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

- 4-Megapixel high-definition resolution
- 2.8-12 mm adjustable Vari-focal length for wide angle surveillance
- Power support: PoE (IEEE 802.3af)
- Video compression: H.264, MJPEG
- Vandal-proof IK10-rated housing
- Built-in infrared LEDs for night viewing up to 30m
- Built-in Micro SDHC/SDXC card slot for local storage
- Weatherproof IP66-rated housing
- Supports motion detection (Intrusion/camera tampering/line crossing) and event notification
- Free surveillance and CMS (Central Management System) software packages with 64-channel license

Specifications

System Specifications

Standards & Protocols:

TCP/IP (IPv4), UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour, IEEE802.1x

Image Sensor:

1/3" Progressive Scan CMOS

Lens:

2.8 - 12 mm @ F1.4, Vari-focal, Auto Iris

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

**Button/Knob:**

Reset Button

Indicator:

Power

IR Cut Filter:

IR cut filter with auto switch

IR LED:

Up to 30m

Shutter Time:

1/3 s ~ 1/100,000 s

Angle of View:

112°~33.8°

Video Compression:

H.264/MJPEG

Resolution:

50Hz: 20fps (2688×1520), 25fps(1920×1080), 25fps(1280×720)

60Hz: 20fps (2688×1520), 30fps (1920×1080), 30fps(1280×720)

Output Video Format:

RAW

Audio Compression:

G.711/G.722.1/G.726/MP2L2, 64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2)

Power Input:

12V DC±10%, PoE (802.3af)

Power Consumption:

Max. 5.5 W

Data Rate:

32Kbps~16Mbps

Storage Capacity:

Support Micro SD/SDHC/SDXC card with ANR (up to 128G)

Features

General:

Rotate Mode, Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser, Dual Stream Server.

PoE:

PoE(802.3af, class 3)

Security:

One-key reset, Anti-Flicker, heartbeat, mirror, password protection, privacy mask, Watermark, IP address filtering, Anonymous access

Video:

- Adjustable image size, quality and bit rate
- Configurable brightness, sharpness, contrast, saturation, white balance and exposure
- AGC/AWB/AES
- Back Light Compensation (BLC)
- Wide Dynamic Range (WDR) 120dB
- 3D Noise Reduction (3DNR)
- Flip & Mirror
- Rotate Mode
- Portrait Mode
- Privacy Mask
- Automatic Day/Night
- ICR

Time Stamp and Text Caption Overlay

Audio:

G.711/G.722.1/G.726/MP2L2

Performance**Number of Clients:**

10

Frame Rate (fps):

50Hz: 20fps , 25fps, 25fps

60Hz: 20fps , 30fps ,30fps

Minimum illumination:

0.01Lux @(F1.2,AGC ON), 0.014 Lux @(F1.4,AGC ON), 0 Lux with IR

Environment**Operating Temperature (°C):**

-30 °C ~ 60 °C (-22 °F ~ 140 °F)

Operating Humidity (Non-condensing):

Humidity 95% or less (non-condensing)

Physical Specifications**Dimensions (W x D x H mm):**

140

Weight (g):

140

Color:

99

Approval and Compliance**EMI/EMS:**

CE,FCC,UL

Safety:

IK10

Environmental Test:

IEC60068-2-75Eh, EN50102,

Others:

ONVIF (Profile S, Profile G), PSIA, CGI, ISAPI,ISO-9001 certified factory

RoHS

Others**Supported Browsers:**

Microsoft Windows 10/8/7/Vista/XP Internet Explorer

Order Information

FCS-3085

Package Contents

FCS-3085

Screw Kit

Resource CD (User Manual, Utility, QIG)

Optional Accessory



CAS-7303

Pole Mount Bracket, Clamping Range 2.6"-5"



CAS-7307

Corner Mount Bracket



CAS-7309

Weather Shield



CAS-7313

In-ceiling Mount Bracket



CAS-7314

Wall Mount Bracket



CAS-7315

Wall Mount Bracket, Aluminum Alloy



CAS-7316

Wall Mount Bracket with Junction Box, Aluminum Alloy



CAS-7317

Pendant Mount Bracket



CAS-7318
Weather Shield



CAS-7319
Junction Box



CAS-7320
In-ceiling Mount Bracket