



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 Format:**

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)

**Operating Temperature (°C):**

-30 °C ~ 60 °C (-22 °F ~ 140 °F)

**Operating Humidity (Non-condensing):**

Humidity 95% or less (non-condensing)

## 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

## Physical Specifications

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

140x140x99

**Weight (g):**

980

**Color:**

White

## 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,Manufactured in ISO-9001 and ISO-14001 certified factory  
RoHS

## Others

**Supported Browsers:**

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

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## Order Information

FCS-3085

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## Package Contents

FCS-3085

Screw Kit

Resource CD (User Manual, Utility, QIG)



## Optional Accessory



### **CAS-7303**

Pole Mount Bracket, Clamping Range 2.6"-5"



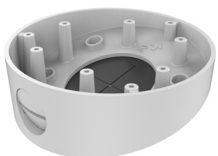
### **CAS-7307**

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**

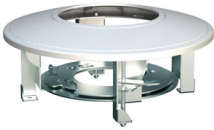
Pendant Mount Bracket



**CAS-7318**  
Weather Shield



**CAS-7319**  
Junction Box



**CAS-7320**  
In-ceiling Mount Bracket

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