



FCS-3304 Version: 1

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

## Zoom Dome IP Network Camera, H.265, 3-Megapixel, 802.3af PoE, 4.3X Optical Zoom, two-way audio, IR LEDs, Indoor/Outdoor, Vandalproof

The LevelOne FCS-3304 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-3304 offers 3-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

- 3-Megapixel high-definition resolution
- Video compression: H.264, H.265
- Supports 4.3X optical zoom
- Vandal-proof IK10-rated housing
- Built-in infrared LEDs for night viewing up to 30m
- Weatherproof IP66-rated housing
- Dual power support: 12V DC/PoE (IEEE 802.3af)

### Specifications

#### System Specifications

##### Standards & Protocols:

IPv4/v6, TCP, UDP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, NTP, RTP, RTSP, RTCP, SMTP, FTP, IGMP, ICMP, ARP, Bonjour, UPnP, QoS, SNMP

##### Image Sensor:

1/2.8 " Progressive Scan CMOS

##### Lens:

f2.8 - 12mm / F1.4 - 2.8, P-iris

##### Port:

- 1 x 10/ 100 Mbps PoE 802.af
- 1 x DI/DO (Terminal Block)
- 1 x Line in/Out Terminal Block)
- 1 x DC 12V (Terminal Block)



**Button/Knob:**  
Reset

**Indicator:**  
Power

**IR Cut Filter:**  
Support

**IR LED:**  
30 Meter

**Shutter Time:**  
1/5 ~ 1/8000 sec

**Angle of View:**  
90.6°~32.7°

**Video Compression:**  
H.265, H.264, MJPEG

**Resolution:**  
30 fps at 2048 x 1536; 30 fps at 1920 x 1080; 30 fps at 1280 x 720; 30 fps at 800 x 600; 30 fps at 640 x 480; 30 fps at 320 x 240

**Output Video Format:**  
RAW

**Audio Compression:**  
Mono, PCM, G.711

**Power Input:**  
DC 12V  
IEEE 802.11af PoE Class3

**Power Consumption:**  
8W

**Data Rate:**  
28 Kbps - 20 Mbps (per stream)

**Storage Capacity:**  
MicroSDHC/SDXC memory card slot support up to 64GB

**Optical Zoom:**  
4.3X Optical Zoom

## Features

### General:

Extreme WDR (100 dB); White balance: automatic, manual; Brightness; Digital image stabilizer  
Contrast; Sharpness (auto); Auto gain control; 2D + 3D digital noise reduction; Defogging

### Security:

IP address filtering; HTTPs encryption; Password protected user levels; Anonymous login

### Management:

Camera tampering; Video motion detection (3 regions); External device through digital input; Sound detection

### Video:

Mirror, Flip, Rotation, Simultaneous dual streams, 4 Configurable regions

## Performance

### Number of Clients:

16

**Frame Rate (fps):**

30 fps at 2048 x 1536; 30 fps at 1920 x 1080; 30 fps at 1280 x 720; 30 fps at 800 x 600; 30 fps at 640 x 480; 30 fps at 320 x 240

**Minimum illumination:**

Color: 0.01 lux at F1.4 (30 IRE, 2400°K); B/W: 0 lux (IR LED on)

## Environment

**Operating Temperature (°C):**

Operating Temperature: 40°C ~ 50°C (-40°F ~ 122°F)

Starting Temperature: -20°C ~ 50°C (-4°F ~ 122°F) within 30 minutes

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

20% ~ 80% RH

## Physical Specifications

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

139.95 x 131.17mm (5.5" x 5.2")

**Weight (g):**

880g (1.94lb)

**Color:**

White

## Approval and Compliance

**EMI/EMS:**

CE/FCC

**Safety:**

IK10

**Environmental Test:**

IP66

**Others:**

ONVIF

## Others

**Supported Browsers:**

Internet Explorer 8.0 or newer (full functionality)

Safari with QuickTime installed, and other browsers with VLC installed (partial functionality)

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## Order Information

FCS-3304

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## Package Contents

FCS-3304

Resource CD (User Manual, Utility, 64-CH Monitoring Software)

Screw Kit

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