



FCS-5102 Version: 1

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

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

The LevelOne FCS-5102 is a fixed-position outdoor camera offering an ultra-reliable, cost-effective solution for outdoor IP surveillance networks, and is rated at IP66 to operate within rain, extreme heat, snow, dust and humid conditions. Offering clear, sharp imagery with 3-Megapixel resolution and the versatility of 802.3af standard PoE to transfer power and data via a single Cat.5 cable, the LevelOne FCS-5102 should be an essential part of any security deployment that requires smart, reliable outdoor cameras.

### Key Features

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

### Specifications

#### System Specifications

##### Standards & Protocols:

IPv4, IPv6, TCP, UDP, HTTP, HTTPS, SMTP, FTP, NTP, DNS, DDNS, DHCP, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, IGMP, PPPoE, ICMP, SNMP, QoS

##### Image Sensor:

1/2.8" Progressive Scan CMOS

##### Lens:

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

##### Port:

Power connect

10/100 Mbps (PoE)

1 x Audio in

1 x Audio Out

1 x DI/DO (Terminal Block)

1 x BNC

**Button/Knob:**

Reset

**Indicator:**

Power

**IR Cut Filter:**

Support

**IR LED:**

30 Meter

**Shutter Time:**

1/5 ~ 1/16,000 sec

**Angle of View:**

90.6°~32.7°

**Pan/Tilt/Zoom:**

4.3X Optical Zoom

**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

**Power Consumption:**

8W

**Data Rate:**

32 kbps -16 Mbps

## 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

**PoE:**

802.3af (class 3)

**Security:**

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

**Management:**

Notify control center; Change camera settings; Command other devices; E-mail notification with snapshots;  
Upload video or snapshot to  
FTP server; Activate external device through digital output

**Video:**

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

## 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:**

1/5 ~ 1/16,000 sec (manual mode)

## Environment

**Operating Temperature (°C):**

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

Operating Temperature: -30°C ~ 50°C (-22°F ~ 122°F)

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

Operating Humidity: 20% ~ 80% RH

## Physical Specifications

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

80 x 258.3 mm (3.15" x 10.17")

**Weight (g):**

800

**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)

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## Order Information

FCS-5102

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## Package Contents

FCS-5102

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

Screw Kit

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## Optional Accessory



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