



FCS-4302 Version: 1

## PTZ Dome IP Network Camera, 2-Megapixel, 802.3af PoE, IR LEDs, 3X Optical Zoom, Vandalproof, Indoor/Outdoor, two-way audio

### Key Features

- 2-Megapixel (1920 x 1080) high-definition resolution
- Video compression: H.264/MPEG-4/MJPEG
- Built-in infrared LEDs for night viewing up to 20m
- Features WDR (Wide Dynamic Range) to enhance visibility under extremely bright or dark environments
- Free video surveillance and CMS (Central Management System) software with 64-channel license
- Removable IR-cut filter for day and night surveillance
- Supports 2 video streams simultaneously
- Supports 3x optical zoom
- Supports PTZ/preset point/preset sequence
- Support unique features for auto-tracking function of moving objects
- Vandal-proof IK08-rated housing

### Specifications

#### System Specifications

##### Standards & Protocols:

IEEE 802.3 10-BASE-T, Ethernet

IEEE 802.3u 100-BASE-TX, Fast Ethernet

TCP/IP, HTTP, SMTP, FTP, DDNS, UPnP, NTP, PPPoE, DNS, DHCP, RTSP, Samba

##### Image Sensor:

2-Megapixel 1/2.7" Progressive Scan CMOS

##### Connectors and Cabling:

1 x RJ-45 10/100 Mbps PoE port

1 x DC Power Jack

1 x Audio in

1 x Audio out

1 x DI/DO

1 x MicroSD/SDHC card slot

**Button/Knob:**

Reset Button

**Indicator:**

Power, Link

**Lens:**

3X optical zoom lens, auto iris, auto focus

f = 3mm ~ 9mm, F1.8

Fov(D), 136° ~ 39°

**IR Cut Filter:**

Removable infrared-cut filter for day & night function

**IR LED:**

6 IR LEDs for illumination up to 20m

**Shutter Time:**

Indoor : 1/30 ~ 1/120 sec

Outdoor : 1/30 ~ 1/1,000,000 sec

**Angle of View:**

62°

**Pan/Tilt/Zoom:**

Pan range: 250°

Tilt range: 75°

Auto pan mode

Auto patrol mode

3X optical zoom , 4X digital zoom

**Video Compression:**

H.264 / MPEG4 / MJPEG

**Resolution:**

2M (1920x1080)

**Video Format:**

MPEG4

**Audio Compression:**

AMR / AAC /AEC

**Power Input:**

DC12V 1.5A / 802.3af PoE

**Power Consumption:**

8W

## Features

**General:**

Backup: MicroSDHC card slot for local storage

IPv6: IPv4/IPv6 network operation DNS: Easy Internet monitoring

**Security:**

Alarm and Notification: Alarm: Motion Detection; Notification: FTP, SMTP, Samba

Access Control: Multi-level user access with password protection

IP address filtering

HTTPS encrypted data transmission

**Video:**

Image Setting: - Adjustable image size, quality and bit rate

- Configurable brightness, sharpness, contrast, saturation, white balance and exposure

- AGC/AWB/AES

- Wide Dynamic Range (WDR)

- 3D Noise Reduction (3DNR)

- Flip & Mirror

- Time Stamp

Streaming: Up to 2 video streams

**Audio:**  
2-way audio (line in/out)

## Performance

**Number of Clients:**  
16

**Data Transfer Rate:**  
10/100Mbps

**Storage Capacity:**  
SD/MicroSD memory card of up to 64GB

**Frame Rate (fps):**  
30 fps at 1920 x 1080; 30 fps at 1280 x 720; 30 fps at 640 x 480; 15 fps at 320 x 240

**Minimum illumination:**  
Color: 1.0 lux at F2.0

## Environment

**Temperature (°C):**  
Operating: -5°C ~ 50°C

**Humidity (Non-condensing):**  
Operating: 10% ~ 80%

**Deployment:**  
Desktop/Ceiling Mount

## Physical Specifications

**Dimensions (W x D x H mm):**  
66.5 x 66.6 x 93.8 mm

**Weight (g):**  
500 g

## Approval and Compliance

**EMI/EMS:**  
CE, RoHS, FCC, Onvif

**Environmental Test:**  
IP66 Waterproof

## Others

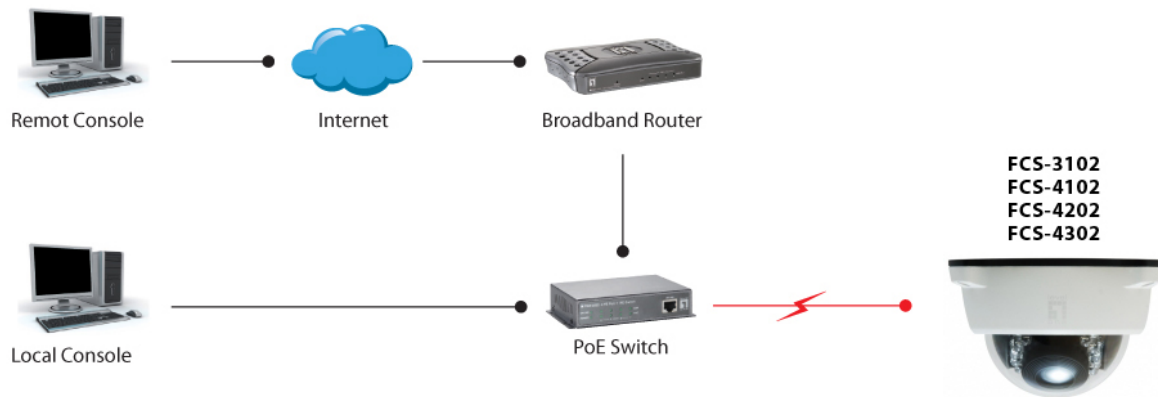
**Operation Systems:**  
Microsoft Windows 8/7/Vista/XP

**Viewing Systems:**  
Browser: Internet Explorer 6.x or above, Firefox, Chrome, Safari  
Cell phone: 3GPP player  
Real Player: 10.5 or above  
Quick Time 6.5 or above



## Diagram

— Ethernet Cable (Data)  
⚡ PoE (Power + Data)



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## Order Information

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### Package Contents

- FCS-4302
- Power Adapter
- RJ-45 Female/Female Coupler
- Quick Installation Guide
- Resource CD (User Manual, Utility, 64-CH Monitoring Software)
- Screw Kit

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