



FCS-4042 Version: 1

PTZ Dome Network Camera, PoE-Plus 802.3af/at, 2-Megapixel, Outdoor



1. Reset Button
2. Power LED

3. Memory Card Slot
4. Power Input

5. Ethernet Port
6. Audio Input

7. Audio Output
8. Digital Input/ Output

Key Features

- 2-Megapixel (1920 x 1080) high-definition resolution
- Supports 360° pan, 190° tilt and 30x optical zoom
- Weatherproof IP67-rated with wide operating temperature (-40°C to 50°C) for harsh environments
- Features WDR (Wide Dynamic Range) to enhance visibility under extremely bright or dark environments
- Features 3DNR (3-Dimension Noise Reduction) to produce extremely clear picture quality even under low light condition
- 3D privacy masks for private area protection
- Compression: H.264/MJPEG
- Removable IR-cut filter for day and night surveillance



- Dual power support: 24VAC/PoE (IEEE 802.3af/at)
- Built-in Micro SD/SDHC card slot for local storage
- Free 64-channel monitoring software included (supports OneSecure App)

Specifications

System Specifications

Image Sensor:

2-Megapixel 1/2.8" Progressive Scan CMOS

Connectors and Cabling:

1 x RJ-45 10/100 Mbps PoE plus port

1 x Line In

1 x Line Out

1 x Power terminal block

I/O terminal block (4 DI/2 DO)

Modularity:

1 x MicroSDHC/ MicroSDXC card slot

Button:

Reset Button

Indicator:

Power

Lens:

Zoom, DC iris, Auto focus, f4.3-129mm, F1.6-5.0

IR Cut Filter:

Removable infrared-cut filter for day & night function

Shutter Time:

1/5 ~ 1/10,000 sec

Angle of View:

66.4° - 2.61°

Pan/Tilt/Zoom:

Pan range: 360°

Tilt range: -20° ~ 200°

30x Optical Zoom

16x Digital Zoom

Auto pan mode

Auto patrol mode

Video Compression:

H.264 High Profile / MJPEG

Resolution:

2M (1920x1080)

Video Format:

RAW

Audio Compression:

G.711

Power:

Power Consumption: High PoE (IEEE802.3at) / 25.44 W (built-in heater and fan on), AC 24V / 31.5 W (built-in heater and fan on)

Power Input: AC24V / 802.3at PoE

Standards & Protocols:

IEEE 802.3 10-BASE-T, Ethernet

IEEE 802.3u 100-BASE-TX, Fast Ethernet
IEEE 802.3af Power over Ethernet (PoE)
IEEE 802.3at Power over Ethernet (PoE+)
TCP, UDP, HTTP, HTTPS, DHCP, PPPoE, RTP, RTSP, IPv6, DNS, DDNS, NTP, ICMP, ARP, IGMP,
SMTP, FTP, UPnP, SNMP, Bonjour

Features

General:

Backup: MicroSDHC /MicroSDXC card slot for local storage

Security:

Alarm and Notification: Alarm: Motion Detection; Tampering Detection; Network Failure Detection; DI/DO

Notification: HTTP, FTP, SMTP

Access Control: Multi-level user access with password protection

IP address filtering

IEEE 802.1X network access control

HTTPS encrypted data transmission

Video:

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

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

- ACG/AWB/AES

- Back Light Compensation (BLC)

- Wide Dynamic Range (WDR), Extreme WDR (145dB)

- 3D Noise Reduction (3DNR)

- Flip & Mirror

- Portrait Mode

- Privacy Mask

- Time Stamp and Text Caption Overlay

Image Layout:

Streaming: Up to 4 video streams

Motion Detection: 10 Detection Zones

Audio:

Streaming: 2-way audio

Input/Output: line input, line output

Performance

Data Transfer Rate:

10/100Mbps

Frame Rate:

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: 0.1 lux at F1.6

B/W: 0.05 lux at F1.6

Environment

Temperature (°C):

Operating: -40°C ~ 50°C (AC 24V with heater and fan)

0°C ~ 40°C (PoE Plus, without heater and fan)

Humidity (Non-condensing):

Operating: 10% ~ 85%

Physical Specifications

Dimensions (W x D x H mm):

200 x 276 x 200 mm



Weight (g):
2500 g

Enclosure:
Weather proof IP67-rated housing
Vandal Resistant IK09-rated

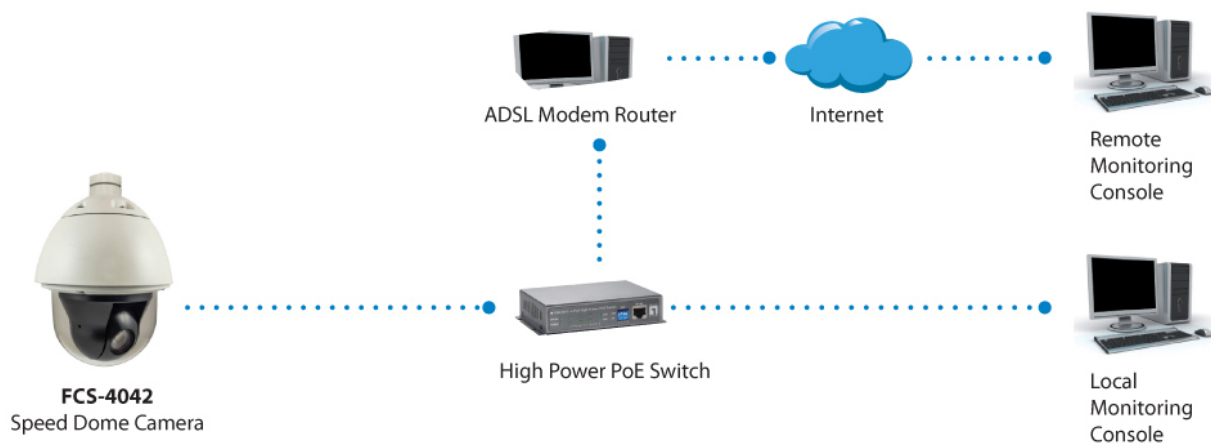
Others

Approval and Compliance:
CE, FCC, ONVIF, IP67, IK09, NEMA 4X

Deployment:
Wall Mount

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

Diagram



Order Information

FCS-4042

Package Contents

Power Adapter
Mounting Kit
Screw Kit
Quick Installation Guide
Resource CD (User Manual, QIG)

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