



FCS-4042 Version: 1

! Mounting kits are to be ordered separately.

PTZ Dome Network Camera, 2-Megapixel, Outdoor, 802.3at PoE+, Day & Night, 30x Optical Zoom, WDR



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

- Built-in Micro SDHC/SDXC card slot for local storage
- 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



- Free video surveillance and CMS (Central Management System) software with 64-channel license

Specifications

System Specifications

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

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
Preset Point
Auto pan mode
Auto patrol mode

Video Compression:

H.264 / 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

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

- AGC/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

Storage Capacity:

SD/MicroSD memory card of up to 64GB

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, RoHS, FCC, ONVIF, IP67, IK09, NEMA 4X

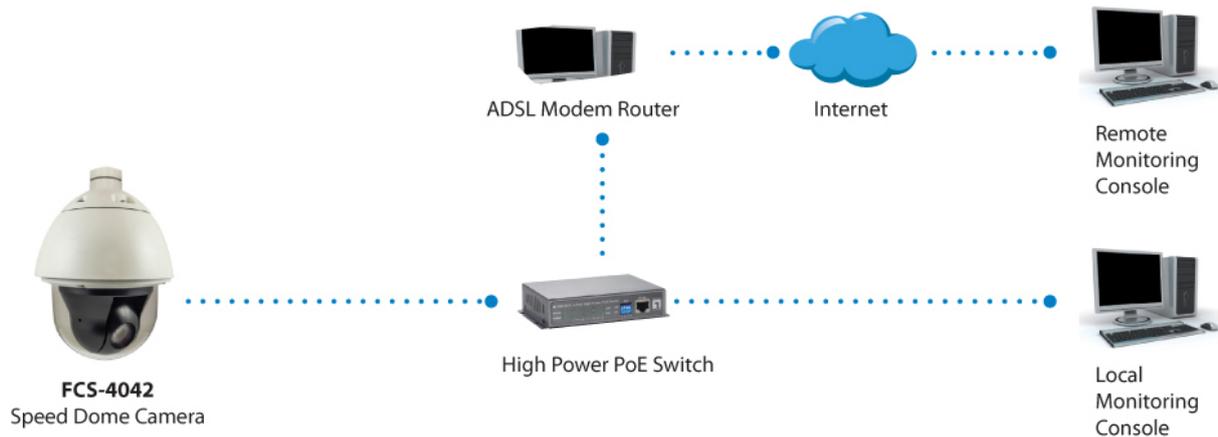
Deployment:

Wall Mount

Operation Systems:

Microsoft Windows 8/7/Vista/XP

Diagram



Order Information

FCS-4042

Package Contents

- FCS-4042
- Power Adapter
- Power Cord
- Screw Kit
- Quick Installation Guide
- Resource CD (User Manual, QIG)

Optional Accessory



CAS-2101
Mount Kit for all Dome Cameras



CAS-2102
Straight tube without bracket for pendant mounting



CAS-2103
Straight tube with bracket for pendant mounting



CAS-2104
Extension tube for pendant mounting



CAS-2402
Corner mount



CAS-2503
Pole Mount for PTZ, hemispheric and dome cameras



CAS-2702
Outdoor Junction Box



CAS-4312
Wall Mount Bracket, Cable Management



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