FCS-4042 Version: 1

Mounting kits are to be ordered separately.

PTZ Dome Outdoor Network Camera, 2-Megapixel, 802.3at PoE+, 30X Optical Zoom

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
- 360° pan and 190° tilt movements allow for a wide range of monitoring angles
- Supports 30X optical zoom
-
- 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
- Removable IR-cut filter for day and night surveillance
- Built-in Micro SDHC/SDXC card slot for local storage
- Dual power support: 24VAC/PoE (IEEE 802.3af/at)
- Weatherproof IP67-rated housing
- 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)
1 x MicroSDHC/ MicroSDXC card slot

Button/Knob:
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 Input:
AC24V / 802.3at PoE

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)

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), Exteme 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%

Deployment:
Wall Mount

Physical Specifications

Dimensions (W x D x H mm):
200 x 276 x 200 mm

Weight (g):
2500 g

Approval and Compliance

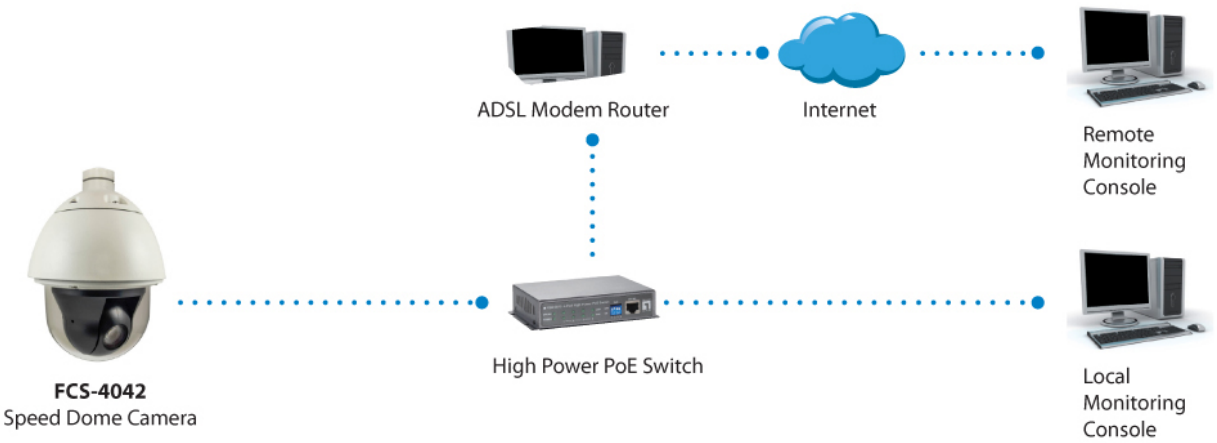
EMI/EMS:
CE, RoHS, FCC, ONVIF, IP67, IK09, NEMA 4X

Environmental Test:
Weather proof IP67-rated housing
Vandal Resistant IK09-reted

Others

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
Pendant Cap

CAS-2102
Pendant Mount Bracket

CAS-2103
Pendant Mount Bracket

CAS-2104
Extension Tube

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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