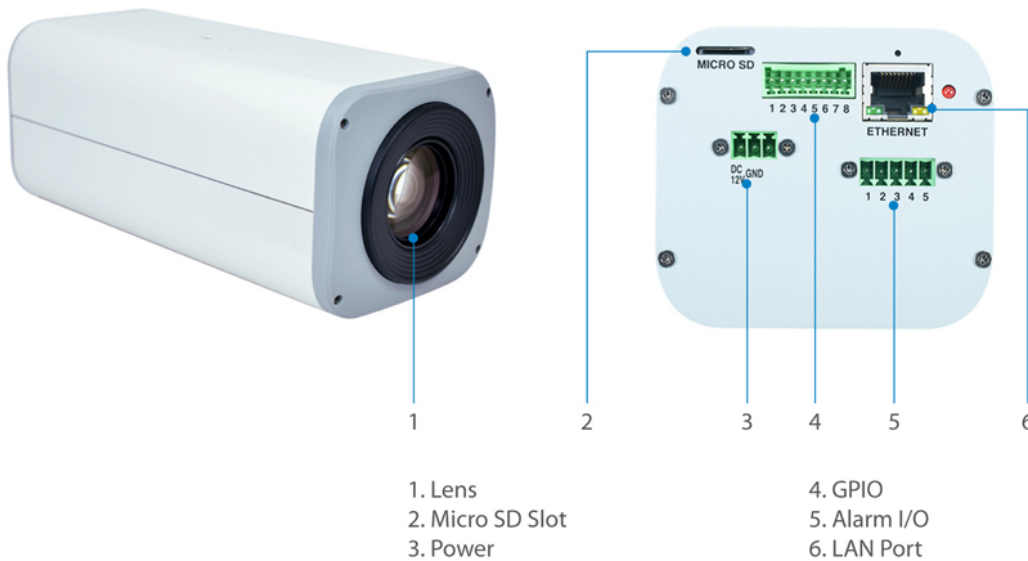**FCS-1160 Version: 1**

🛈 **Mounting kits are to be ordered separately.**

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

Fixed IP Network Camera, 5-Megapixel, 802.3af PoE, 12X Optical Zoom, two-way audio

1. Lens
2. Micro SD Slot
3. Power
4. GPIO
5. Alarm I/O
6. LAN Port

Key Features

- Built-in Micro SDHC/SDXC card slot for local storage
- 5-Megapixel high-definition resolution
- Supports 12X optical zoom
- Features WDR (Wide Dynamic Range) to enhance visibility under extremely bright or dark environments
- Video compression: H.264/MJPEG
- Removable IR-cut filter for day and night surveillance
- Dual power support: 12V DC/PoE (IEEE 802.3af)
- Free surveillance and CMS (Central Management System) software packages 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 802.1X Network Access Control
TCP, UDP, HTTP, HTTPS, DHCP, PPPoE, RTP, RTSP, IPv6, DNS, DDNS, NTP, ICMP, ARP, IGMP, SMTP, FTP, UPnP, SNMP, Bonjour

Image Sensor:
5-Megapixel 1/3.2" Progressive Scan CMOS

Lens:
Zoom, DC iris, Auto focus, f5.2-62.4mm, F1.8-3.0

Port:
1 x RJ-45 10/100 Mbps PoE port
1 x Auto Iris (DC Drive)
1 x terminal block line in/out
1 x DC power terminal block (12V)
1 x MicroSDHC/ MicroSDXC card slot
I/O terminal block (1 DI/1 DO)

Button/Knob:
Reset Button

Indicator:
Power & Link

IR Cut Filter:
Removable infrared-cut filter for day & night function

Shutter Time:
1/5 ~ 1/10,000 sec

Angle of View:
48.4°-4.8°

Pan/Tilt/Zoom:
12x optical, Digital Zoom to very high detail available on Software

Video Compression:
H.264 / MJPEG

Resolution:
5M(2592 x 1944)

Video Format:
RAW

Audio Compression:
G.711

Power Input:
DC12V / 802.3af PoE

Power Consumption:
Power Consumption: PoE Class 3 (IEEE802.3af) / 5.28 W
DC 12V (adapter not included) / 4.08 W

Data Transfer Rate:
10/100Mbps

Features

General:
Backup: MicroSDHC /MicroSDXC card slot for local storage

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), Basic WDR (74 dB)
- 2D Noise Reduction (2DNR)
Streaming: Up to 2 video streams

Audio:
Streaming: 2-way audio
Input/Output: line input, line output

Performance

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

Frame Rate (fps):
15 fps at 2592 x 1944; 15 fps at 2048 x 1536; 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
B/W: 0.05 lux at F1.8

Environment

Temperature (°C):
Operating: -10°C ~ 50°C

Humidity (Non-condensing):
Operating: 10% ~ 85%

Installation:
Wall/Ceiling Mount

Physical Specifications

Dimensions (W x D x H mm):
81 x 176 x 71

Weight (g):
634 g

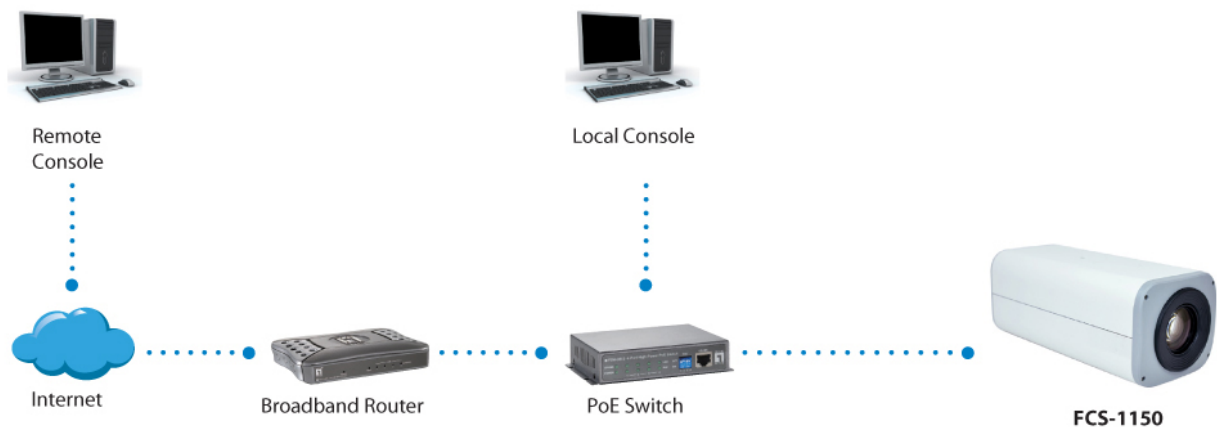## Approval and Compliance

EMI/EMS:
CE, RoHS, FCC, ONVIF

Others

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

Diagram

Order Information

FCS-1160

Package Contents

FCS-1160
Screw Kit
Quick Installation Guide
Resource CD (User Manual, Utility, QIG)

Optional Accessory

CAS-3104
Wall Mount Bracket

CAS-3105
Bracket for Zoom Box Cameras