



Day/Night P/T/Z IP Speed Dome Camera



FCS-4000
FCS-4100
FCS-4200
FCS-4300
FCS-4400
FCS-4500

H/W Version: 1

Product Overview

The LevelOne FCS-4x00 Day/Night Pan/Tilt/Zoom IP Speed Dome Camera is an intelligent high-speed dome camera equipped with an auto focus DSP camera, adjustable pan/tilt/zoom motor, and a digital decoder.

IR cut-off filter

With the IR filter in place, true color imagery is captured during day time and when light conditions turns poor, the IR filter is automatically removed for clear night time imagery in black and white.

Intelligent Speed Dome Camera

With Focus/PRM auto matching technology, the FCS-4x00 enables camera users to monitor and zoom on specific targets without losing the target while panning and zooming.

By utilizing a precise step-motor, the FCS-4x00 makes for a very stable, smooth pan and tilt and accurate positioning surveillance camera.

Preset positioning

The FCS-4x00 supports a 32-preset positioning memory. Users can preset and recall programmed positioning through software commands. A maximum of 4 navigation groups with 8 preset positions are supported with adjustable time lapses of between 1 to 60 seconds between positions.

Free Bundled Software

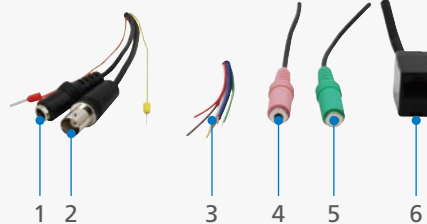
The free bundled 32-channel software package, IP CamSecure 32 Lite, allows for simultaneous monitoring of IP Cameras. Other features include automatic snapshot, recording of streaming video, motion detection and pre/post event buffer.



FCS-4000/4100/4200



FCS-4300/4400/4500



1. Power Cord Socket
2. BNC Jack
3. Alarm Cable
4. Audio In
5. Audio Out
6. LAN Cable

Key Features

- 18/26/36x Optical and 12x Digital zoom
- Supports 360° pan and 90° tilt
- Selectable MPEG4/MJPEG compression mode
- Automatic IR-cut filter for Day/Night viewing
- Extended I/O for sensor & alarm
- Provides BNC video output for CCTV system
- Waterproof IP66 rated for indoor/outdoor deployment (FCS-4000/4100/4200 only)
- Two-way audio
- Free software included (Industry-leading 32-channel IP CamSecure Lite™ software)

Works Well With



POI-4000
PoE Injector



POS-4001
Outdoor High Power PoE
Splitter (12V)

Technical Specification

Network

1 x RJ-45 10/100 Mbps port

Video

Compression Mode

MPEG4/MJPEG

Max. Resolution

704x480 pixels at 30 fps (NTSC)

704x576 pixels at 25 fps (PAL)

Frame Rate

Up to 30/25 frames at 160x120

Up to 30/25 frames at 320x240

Up to 30/25 frames at 704x480

Still Picture

JPEG

Video Record

AVI

Camera

Sensor

1/4" Exview HAD CCD

Lens

4.0~72mm/F1.4~3.0 for FCS-4000/4300

3.5~91mm/F1.6~3.8 for FCS-4100/4400

3.4~122.4mm/F1.6~4.5 for FCS-4200/4500

View Angle

48° ~2.8° for FCS-4000/4300

54.2° ~2.2° for FCS-4100/4400

57.8° ~1.7° for FCS-4200/4500

Minimum Illumination

0.7Lux/F1.4 Color for FCS-4000/4300

0.01Lux/F1.4 Monochrome for FCS-4000/4300

1.0Lux/F1.6 Color for FCS-4100/4400

0.01Lux/F1.6 Monochrome for FCS-4100/4400

1.4Lux/F1.6 Color for FCS-4200/4500

0.01Lux/F1.6 Monochrome for FCS-4200/4500

Infrared Facility

Removable IR cut filter

Electronic Shutter (Sec)

1/1 ~ 1/10,000 sec

AGC/AWB/AES/BLC

Auto Iris Control

Audio

Audio In/Out

External microphone input jack

External speaker output jack

Audio Codec

G.711 PCM 64 kbits

S/N Ratio

52db

PTZ

Pan 360° continue

Manual Pan Speed 0.1~240°/Sec

Tilt 0°~90°

Manual Tilt Speed 0.1~120°/Sec

Preset Speed 240°/Sec

Preset Accuracy ±0.25°

Number of preset positions

32

Digital Zoom

12x

Optical Zoom

18x for FCS-4000/4300

26x for FCS-4100/4400

36x for FCS-4200/4500

Hardware & Environment

Flash ROM

8MB Flash ROM

SDRAM

64MB SDRAM

Housing

Indoor/Outdoor use

IP66 water-proof

Day/Night

Removable IR cut filter

Digital I/O

4 DI/1 DO

Power

DC12V/4A

Temperature

Operating: -20°C ~ 50°C (FCS-4000/4100/4200)

Operating: 0°C ~ 50°C (FCS-4300/4400/4500)

Humidity

Operating: ≤ 95% (Non-Condensing)

Dimension

FCS-4000/4100/4200 + CAS-4000A

390mm(L) * 220mm(W) * 336mm(H)

FCS-4000/4100/4200 + CAS-4000B

220mm(L) * 220mm(W) * 550mm(H)

FCS-4000/4100/4200 + CAS-4000C

630mm(L) * 410mm(W) * 336mm(H)

FCS-4000/4100/4200 + CAS-4000D

460mm(L) * 220mm(W) * 336mm(H)

FCS-4300/4400/4500

595mm(L) * 275mm(W) * 245mm(H)

Weight

FCS-4000/4100/4200 + CAS-4000A 8.8kg

FCS-4000/4100/4200 + CAS-4000B 7.5kg

FCS-4000/4100/4200 + CAS-4000C 10.2kg

FCS-4000/4100/4200 + CAS-4000D 7.95kg

FCS-4300/4400/4500 6.5kg

Supported Protocols

IPv4, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS and PPPoE

Software

Bundled with 32-Channel LevelOne IP CamSecure Lite surveillance management software

Viewing System Requirement

OS

Microsoft Windows 2000/XP/Vista

Browser

IE 6.x or above

3GPP Player

Real Player 10.5 or above

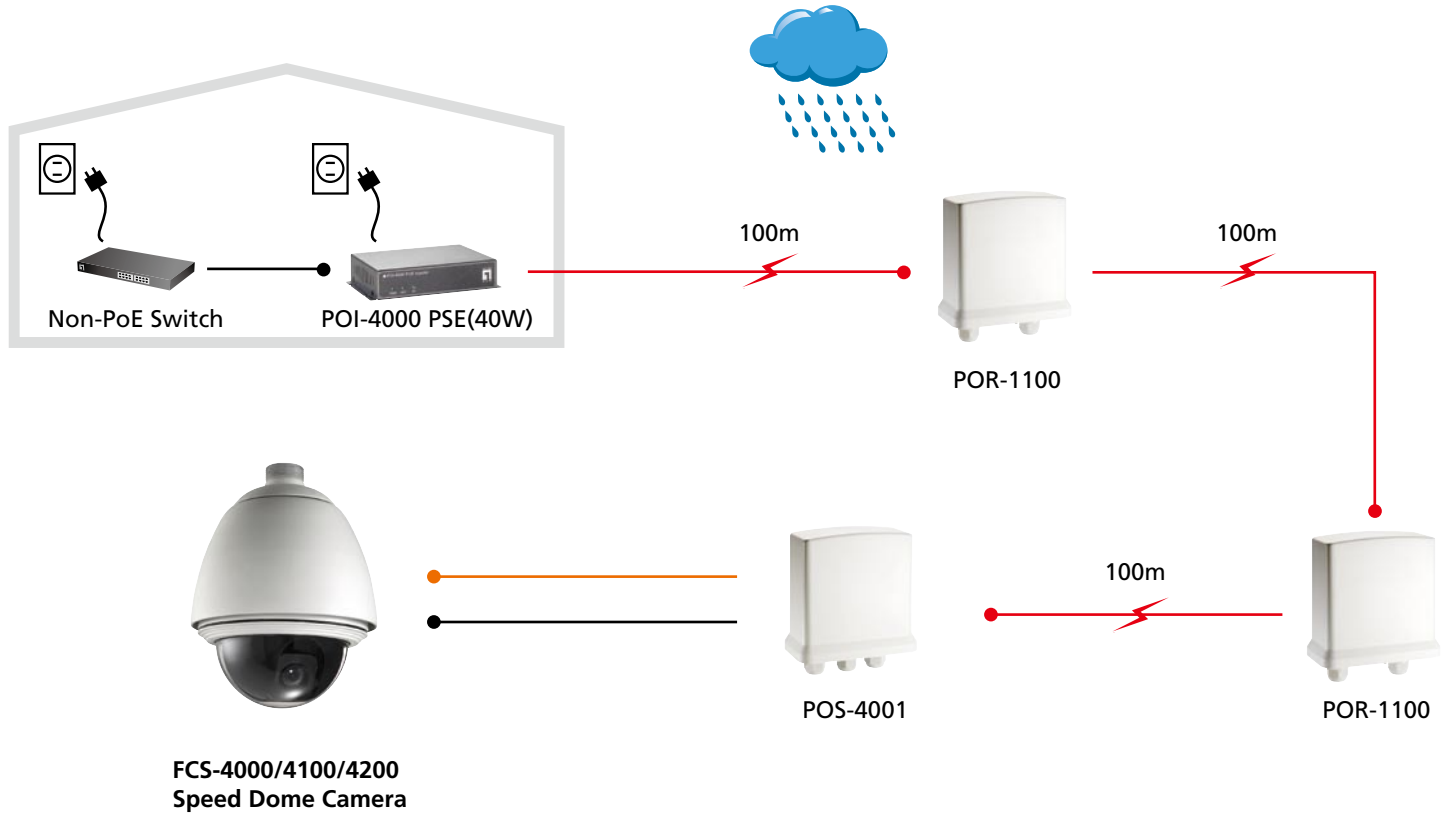
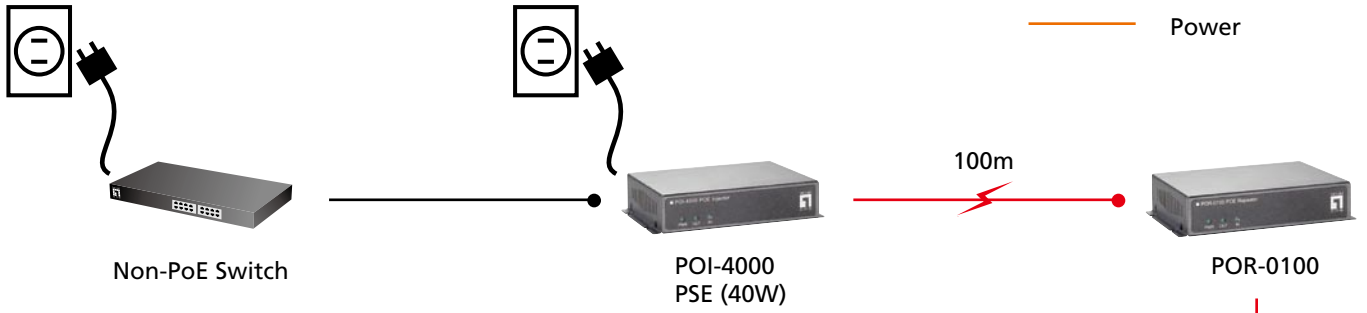
Quick Time 6.5 or above

EMI and Safety

FCC, CE

Product Diagram

- Ethernet (RJ 45)
- ⚡ PoE
- Power





Order Information

FCS-4000: Day/Night P/T/Z IP Speed Dome Camera (18x optical zoom)

FCS-4100: Day/Night P/T/Z IP Speed Dome Camera (26x optical zoom)

FCS-4200: Day/Night P/T/Z IP Speed Dome Camera (36x optical zoom)

FCS-4300: Day/Night P/T/Z IP Speed Dome Camera w/ indoor ceiling mount (18x optical zoom)

FCS-4400: Day/Night P/T/Z IP Speed Dome Camera w/ indoor ceiling mount (26x optical zoom)

FCS-4500: Day/Night P/T/Z IP Speed Dome Camera w/ indoor ceiling mount (36x optical zoom)

Package Content FCS-4000/4100/4200/4300/4400/4500, Power Adapter, Power & A/V Cable, LAN Cable, Alarm Cable, CD Manual/Utility, Quick Installation Guide

Necessary Accessories

for FCS-4000/4100/4200



CAS-4000A
Wall Mount Kit



CAS-4000B
Ceiling Mount Kit



CAS-4000C
Corner Mount Kit



CAS-4000D
Pole Mount Kit

Optional Accessories

CAS-4000E for FCS-4300/4400/4500



CAS-4000E
Power Box



CAS-3015
IR Illuminator



CAS-3030
IR Illuminator