

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

Product Overview

The LevelOne 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

The FCS-4000 features an IR cut-off filter that makes it possible to view black and white imagery under low light conditions. With the IR filter in place, true color imagery is captured during day time and when light conditions turn 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-4000 enables camera users to monitor and zoom on specific targets without losing the target while panning and zooming. The step-motor automatically adjusts to the pan tilt speeds so that targets are more easily found and monitored.

The FCS-4000 automatically adjusts itself according to the environment to provide the best video quality under low and normal light conditions. By utilizing a precise step-motor, the FCS-4000 makes for a very stable, smooth pan and tilt and accurate positioning surveillance camera.

Preset positioning

The FCS-4000 further supports a 32 preset positioning memory. Users can preset and recall programmed positioning through software commands. Preset positions can also be classified into group sequencing, making it easier to manage different preset conditions. 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.

LevelOne further has available alternative Digital Surveillance Software Packages for professional and advanced use.



FCS-4000

(CAS-4000A)

Key Features

- 1/4" ExView HAD CCD sensor for superior image in low light conditions
- 4.0~72mm/F 1.4~3.0 (DC-Iris), 0.7lux@F1.4
- Maximum resolution up to 704x480 at 30fps (NTSC)
- Supports 18x Optical and 12x Digital zoom
- Supports 360° pan and 90° tilt, continuous rotation
- Selectable MPEG4/MJPEG compression mode
- Auto-removable IR-cut filter for Day/Night viewing
- Extended I/O for sensor & alarm
- Waterproof IP66 rated for outdoor deployment
- Two-way audio

Technical Specification

Video Specifications

- **Compression Mode**
MJPEG/MPEG4
- **Max. Resolution**
704x480 (NTSC)
704x576 (PAL)
- **Video Resolution**
Up to 30/25 frames at 160x120
Up to 30/25 frames at 320x240
Up to 30/25 frames at 704x480

Camera Specification

- **Sensor**
1/4" Exview HAD CCD
- **Lens**
4.0 ~ 72mm / F1.4 ~ 3.0
- **Zoom:**
Optical: 18x
Digital: 12x
- **Minimum Illumination**
0.7Lux/F1.4
- **Shutter**
1/1 ~ 1/10,000 sec

Audio Specification

- **Audio Codec**
G.711 PCM 64 kbits
ADPCM 32 kbits
MP3
MPGEG4-AAC full duplex

Viewing System Requirement

- **OS**
Microsoft Windows 2000 / XP
- **Browser**
IE 5.5 or above

Networking

- **Ports**
1 x RJ-45 10/100 Mbps port

Hardware & Environment

- **RAM**
32MB SDRAM
- **ROM**
8MB Flash ROM
- **Power**
DC 12V, 4A
- **Temperature**
Operating: 0°C ~ 50°C (32°F ~ 122°F)
- **Humidity**
Operating: ≤ 95% (Non-Condensing)
- **Dimension**
FCS-4000 + CAS-4000A
390mm(L) * 220mm(W) * 336mm(H)

FCS-4000 + CAS-4000B
220mm(L) * 220mm(W) * 550mm(H)

FCS-4000 + CAS-4000C
630mm(L) * 410mm(W) * 336mm(H)

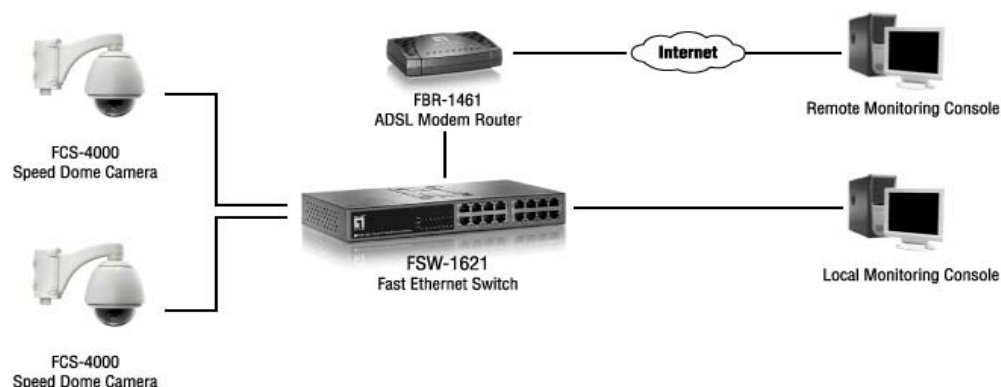
FCS-4000 + CAS-4000D
460mm(L) * 220mm(W) * 336mm(H)
- **Weight**
FCS-4000 + CAS-4000A
8.8kg

FCS-4000 + CAS-4000B
7.5kg

FCS-4000 + CAS-4000C
10.2kg

FCS-4000 + CAS-4000D
7.95kg
- **EMI and Safety**
FCC, CE

Product Diagram



Ordering Information

- **FCS-4000:** Day/Night P/T/Z IP Speed Dome Camera

Accessories

Wall Mounting Kits

- **CAS-4000A:** Wall Mount Kit
- **CAS-4000B:** Ceiling Mount Kit
- **CAS-4000C:** Corner Mount Kit
- **CAS-4000D:** Pole Mount Kit



CAS-4000B



CAS-4000C



CAS-4000D

LevelOne Digital Surveillance Software

- FCS-9116/32/64** IP CamSecure Pro16/32/64
- FCS-9216/32/64** IP CamSecure Pro16/32/64 Plus
- FCS-9316/25/36** IP CamSecure Pro16/25/36 Mega

For more information, please contact your LevelOne representative, or visit our website
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