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

Product Overview
The LevelOne FCS-4100 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-4100 features an IR cut-off filter that makes it possible to view black ad white imagery under low light conditions. 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-4100 enables camera users to monitor and zoom on specific targets without loosing the target while panning and zooming. The step-motor automatically adjusts to the pan tilt speeds so that targets are more easily find and monitored.

The FCS-4100 automatically adjusts itself according the environment to provide best video quality under low and normal light conditions. By utilizing a precise step-motor, the FCS-4100 makes for a very stable, smooth pan and tilt and accurate positioning surveillance camera.

Preset positioning
The FCS-4100 furthers support 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-4100
(CAS-4000A)

Key Features

- 1/4" ExView HAD CCD sensor for superior image capture quality in low light conditions
- 3.5~91mm/F1.6~3.8 (DC-Iris), 1.0Lux@F1.6
- Maximum resolution up to 704x480 at 30fps (NTCS)
- Supports 26x 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 pixels at 30 fps (NTSC)
  704x576 pixels at 25 fps (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**
  3.5~91mm/F1.6~3.8

- **Zoom:**
  Optical: 26x
  Digital: 12x

- **Minimum Illumination**
  1.0Lux/F1.6

- **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-4100 + CAS-4000A
  390mm(L) * 220mm(W) * 336mm(H)

  FCS-4100 + CAS-4000B
  220mm(L) * 220mm(W) * 550mm(H)

  FCS-4100 + CAS-4000C
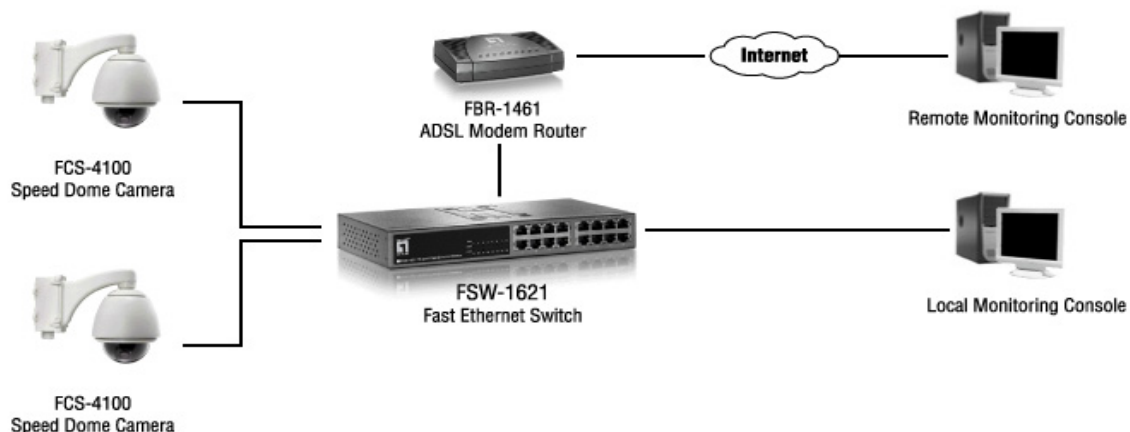 630mm(L) * 410mm(W) * 336mm(H)

  FCS-4100 + CAS-4000D
  460mm(L) * 220mm(W) * 336mm(H)

- **Weight**
  FCS-4100 + CAS-4000A
  8.8kg

  FCS-4100 + CAS-4000B
  7.5kg

  FCS-4100 + CAS-4000C
   10.2kg

  FCS-4100 + CAS-4000D
  7.95kg

- **EMI and Safety**
  FCC, CE

Product Diagram

Ordering Information

- **FCS-4100**:   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 Pro 16/32/64
FCS-9216/32/64   IP CamSecure Pro Plus 16/32/64