

## Day/Night IP Dome Camera (Indoor/Outdoor Operation)

**LevelOne's** FCS-3000 is a powerful IP network camera that features IP66 rated waterproof metal housing, making it ideal for outdoor and indoor surveillance installations. It delivers outstanding color images at low or no light conditions through LAN/WAN connections.

**Vandal-proof Protection**-- The water-resistant design of the dome allows this camera to be installed at indoor/outdoor locations. The metal housing also provides protection to withstand impact and tampering in tough operating condition.

**24 Hours Surveillance Application**--The FCS-3000 contains an excellent high-resolution 1/3" CCD sensor which can record color images up to 704 x 480 pixels when there is sufficient light. In low or no light conditions, the FCS-3000 with the built-in IR LEDs can capture crisp monochrome images. It employs selectable MJPEG and MPEG-4 (Simple Profile) compression to transfer superior streaming video with superior quality sound bandwidth-efficiency.

**Advanced Monitoring Features**--The motion detection feature allows recording only when motion is detected thus saving record storage. The I/O interface allows connections to optional modules, including motion sensors, smoke detectors, etc., and sends emails to designated addresses when an alert is triggered. The built-in web server provides a user interface for viewing of the video images from anywhere at anytime over the Internet.

**Easy Maintenance and Configuration**—The bundled software that comes with the FCS-3000 allows monitoring of up to 32 channels simultaneously. Recording of video & audio can be done easily in event-driven or schedule recording modes. These features make LevelOne's FCS-3000 the cost efficient device for building 24-hour digital surveillance infrastructure.



**FCS-3000**

### Related Products



**WCS-2010**  
11g Wireless P/T/Z Network Camera



**WCS-2030**  
11g Wireless IP Network Camera



**FCS-1050**  
Day/Night IP Network Camera

## Key Features

- Provides Day/Night functions with 10m IR lens.
- High-Resolution 1/3" CCD sensor
- Built-in IR LEDs; Night vision down to 0 Lux
- Vandal-proof and Waterproof (IP66)
- Supports 4x digital zoom
- Supports selectable MJPEG/ MPEG4 (Simple Profile) compression for bandwidth-efficiency
- Supports 2-way (full-duplex) audio
- Motion Detection
- Extended I/O for event trigger sensor
- Free-Bundled powerful 32-Channel Recording Software
- Built-in Web server for remote accessing image from general web browser anywhere
- Supports UPnP & DDNS

## Technical Specification

### Networking

- **Standards Compliance**  
IEEE 802.3 10BaseT Ethernet  
IEEE 802.3u 100Base-TX Fast Ethernet
- **Ports**  
1 x RJ-45 10/100 Mbps port
- **Protocols**  
TCP/IP, HTTP, SMTP, FTP, Telnet, NTP, DNS, DHCP, DDNS and UPnP

### System

- RAM: 16MB SDRAM
- ROM: 4MB Flash ROM

### Video Specification

- **Video Algorithm Support**  
MJPEG/MPEG4 (Simple Profile) selectable  
JPEG for still image
- **Features**  
Adjustable image size, quality and bit rate  
Timestamp and text overlay  
3 motion detection windows  
Flip & mirror  
Video output connector
- **Video Resolution: (NTSC/PAL)**  
Up to 30/25 frames at 176x120/176x144  
Up to 30/25 frames at 352x240/352x288  
Up to 15/12 frames at 704x480/704x576

### Camera Specification

- **Camera/ Lens**  
Sensor Type: 1/3" color CCD sensor,  
Horizontal Resolution: 380 TV lines  
0 Lux when IR on;  
IR distance: 10m  
AGC/ AWB/ AES/ Flickless  
Electronic shutter: 1/60 to 1/100,000 sec  
Board Lens 3.6mm, F2.0  
Zoom: 10x optical zoom; 10x digital zoom

### Microphone

- Omni-directional
- Frequency: 50 – 16,000Hz
- S/N ratio: more than 60dB

### Audio

- **Audio Codec**  
32/24/8Kbps(optional)
- **Features**  
Simplex/Half duplex/Full duplex audio communication  
Acoustic echo cancellation  
External microphone connector  
Audio output connector

### Security

- 3-level of user privilege
- ID/Password authentication

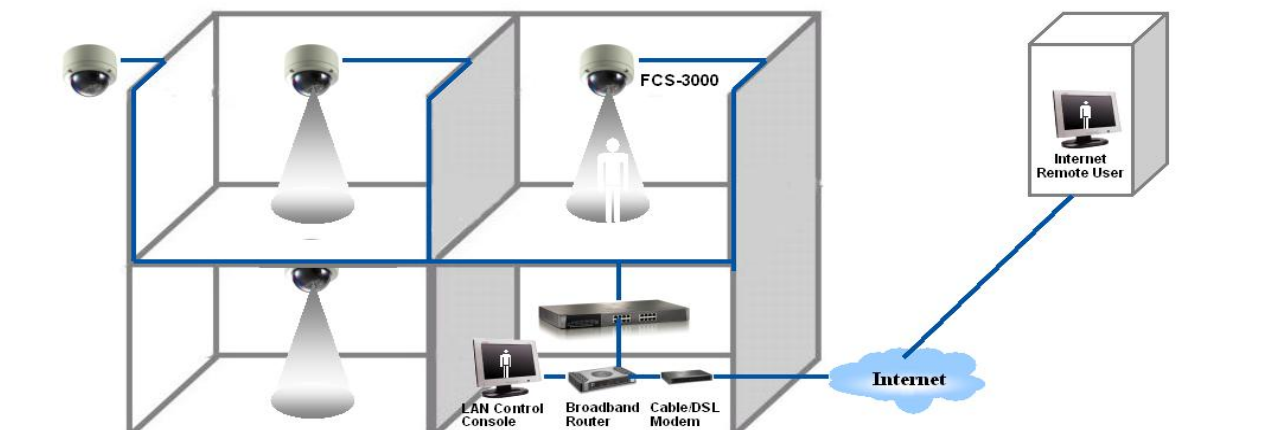
### Bundled Software

- View and record live video from up to 16 cameras simultaneously
- Recording for the synchronized video & audio
- Manual, event-driven and schedule recording mode
- Zero waiting database searching and event preview
- Hard disk storage indicator and alarm

### Hardware

- **Regulation Rated**  
IP 66
- **General I/O**  
1 sensor input(max. 12VDC 50mA)  
1 relay output(max. 24VDC 1A, 125VAC 0.5A)
- **LEDs**  
System power and status indicator  
System activity and network link indicator
- **Power**  
12VDC, 1.5A external universal power supply
- **Temperature**  
Operating: 0°C -50°C (32°F -122°F)
- **Humidity**  
Operating: 95% (RH)
- **Dimension**  
Ø 127mm x 113mm (H)
- **Weight**  
830g
- **EMI and Safety**  
FCC, CE

## Product Diagram



## Ordering Information

- FCS-3000: Day/Night IP Dome Camera (Indoor/Outdoor Operation)