



# Day/Night H.264 2-Megapixel PoE IP Dome Camera



FCS-3081

H/W Version: 2

## Product Overview

LevelOne's FCS-3081 is a H.264 IR30M IP Dome Camera which is designed with vandal-proof and IP66 weatherproof case. The vandal-proof design with die-cast aluminum body prevents the intentional destruction. Water-resistant construction with weather-proof housing. It offers a perfect solution for securing school and university campuses, railway stations, parking lots and other facilities.

## Build-in IR LED and ICR for Day/Night environment

The FCS-3081 features 23 IR illuminators built around the lens and therefore brings the clearest vision at night with up to 30 meters of distance. With the built-in ICR, the FCS-3081 can provide good video quality in both day and night.

## 2-Megapixel with H.264&MJPEG compression

Through the high performance 2-Megapixel CMOS sensor, it delivers high quality image at maximum 1920x1080 resolutions. Equipped with 3.3mm to 12mm Vari-focal lens and a 3-axis mechanism for flexible installation. Up to 20 users can access to the FCS-3081 at any point at the same time. The FCS-3081 also supports 2-Way audio. The administrator can speak to anyone at remote FCS-3081 installed site with an external speaker (remote) and microphone (local) connected.

## Bundled LevelOne IP CamSecure up to 64channels

The FCS-3081 comes bundled with the LevelOne IP CamSecure Surveillance Software. It allows users to monitor the cameras up to 64 channels simultaneously.



## Key Features

- 2-Megapixel CMOS with 1920x1080 resolution
- 3-Axis Mechanical Design for Ceiling/Wall Mount Installation
- 3.3~12mm Vari-focal Lens with Auto-Iris
- Removable IR-cut Filter for Day & Night Function
- Built-in IR Illuminators, effective up to 30 Meters
- Vandal-proof and Weather-proof IP66-rated Housing
- Built-in Heater and Fan for -35°C ~ 50°C environment
- Triple power support: DC12V/AC24V/PoE
- 1 DI/1 DO for External Alarm and Sensor Device
- Built-in Micro-SD/SDHC Card Slot for Local Storage
- BNC connector for analog video output
- Free 64-CH IP CamSecure Surveillance Management Software included

## Relate Products



**NVR-0208**  
8-CH Network Video Recorder



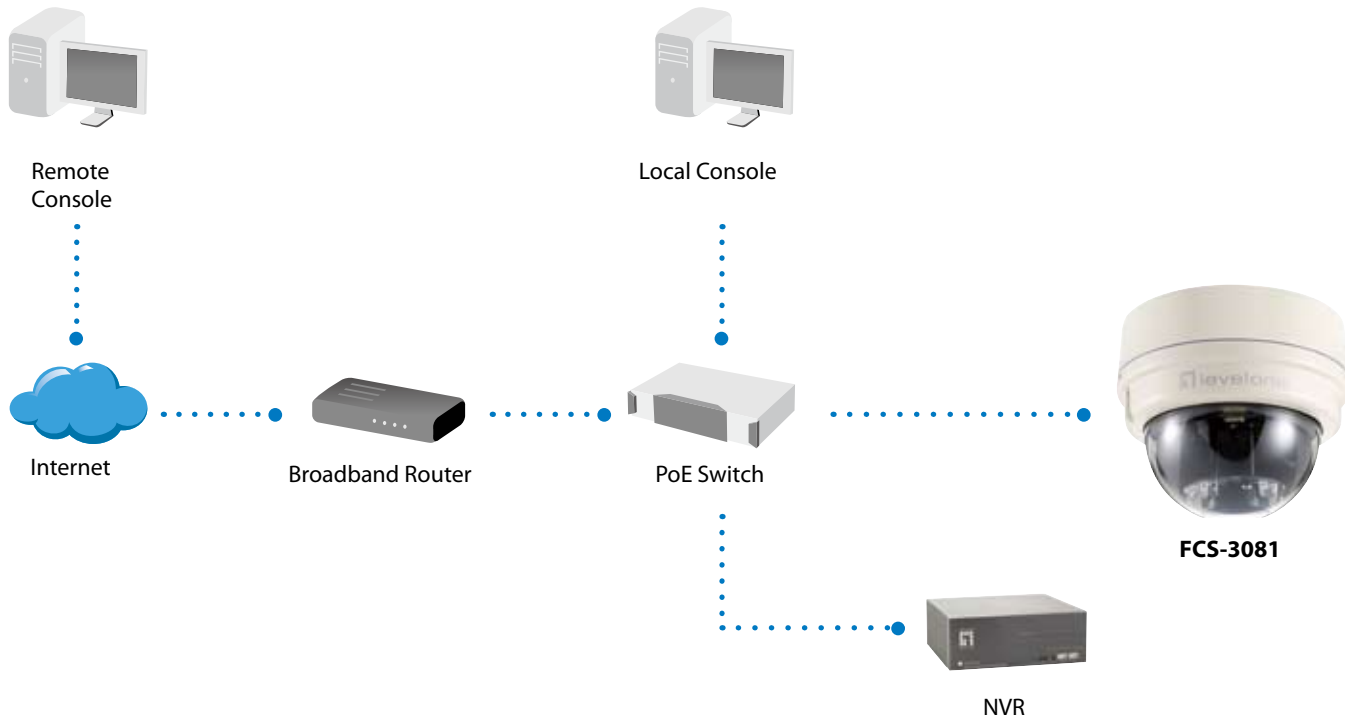
**FSW-0503**  
4 FE PoE + 1FE Switch

## Technical Specification

<b>Camera</b>
<b>Image Sensor</b> 2-Megapixel Progressive 1/2.5"CMOS
<b>Lens</b> Vari-Focus board lens Focal Length: F 1.4 / f = 3.3~12 mm View Angle (Hor): 21° ~ 71° Image Format: 1/2.5 MegaPixel
<b>Day and night</b> Automatic removable infrared-cut filter
<b>Infrared LEDs</b> 23 IR LEDs IR Illuminators up to 30 meters Removable IR-cut filter:
<b>Minimum illumination</b> Color: 0.2 lux @ F1.4 B/W: 0.02 lux @ F1.4
<b>Electronic shutter speed</b> 1~ 1/10000 sec.
<b>Video</b>
<b>Video compression</b> H.264 & MJPEG
<b>Resolutions and Frame rate</b> 1920x1080 @15fps 1280x720 @30fps 640x480 @ 30fps
<b>Multi-view streaming</b> Up to 2 Streams
<b>Pan/Tilt/Zoom</b> Digital Zoom: 16
<b>Image settings</b> AWB (Auto-White-Balance), AEC (Auto-Exposure-Control), AGC (Auto-Gain-Control), Sharpness, Image Quality, Time Stamp and Text Overlay(18 characters), Exposure, Privacy Mask, ICR Automatic, manual,
<b>Analog Video backup</b> BNC for analog video backup
<b>Picture</b> JPEG
<b>Video Record</b> AVI format
<b>Audio</b>
<b>Audio In/Out</b> External Audio in/Out
<b>Audio Streaming</b> Two-Way
<b>compression</b> G.711, G.726
<b>Network</b>
<b>Ethernet</b> 10BASE-T / 100BASE-TX (RJ-45)
<b>protocols</b> IPv4, TCP/IP, UDP, RTP, RTSP, HTTP, ICMP,FTP, SMTP, DHCP, PPPoE, UPnP and IGMP
<b>ONVIF support</b> Yes
<b>Number of client</b> 20
<b>Security</b> Multi-level user access with password protection

<b>Alarm and Event Management</b>
<b>Motion Detection</b> 2 Detection Areas with individual sensitivity
<b>E-Mail Alert</b> 2 e-mail address
<b>FTP Uploading</b> 2 FTP servers address and login settings
<b>HTTP Notification</b> 1 HTTP notification for instant notification
<b>DI/DO</b> One D/I and one D/O for external sensor and alarm Event notification
<b>General</b>
<b>System</b> Flash ROM: 128MB RAM: 128MB
<b>Power</b> DC12V/AC24V/PoE Power consumption: up to 9W (DC12V/PoE) Power with Heater & FAN : up to 25W (AC24V)
<b>Connectors</b> RJ-45 10BASE-T/100BASE-TX 3.5 mm Speaker 3.5mm MIC DC Power jack AC power terminal block BNC analog video output
<b>Local Storage</b> Micro SDHC slot
<b>Operating conditions</b> Operating Temperature: -10°C~ 50°C (DC12V/PoE) -35°C ~ 50°C with Heater & Fan by AC24V only Operating Humidity: 10% ~ 90% Storage Temperature: -20°C ~ 70°C Storage Humidity: 0% ~ 90%"
<b>LED Indicator</b> Power, Link, ACT
<b>Approvals</b> CE, FCC
<b>Dimension</b> ø151 x 130 mm (ø5.9 x 5.1 inches)
<b>Weight</b> 825g
<b>Housing</b> Vandal-proof: Metal base and polycarbonate transparent cover Weather-proof IP66-rated housing
<b>Bundle Software</b> Bundled with 64-Channel LevelOne IP CamSecure surveillance management software
<b>Viewing System Requirements</b>
<b>Operating system</b> Microsoft Windows 2000/XP/Vista/7
<b>Web browser</b> For MJPEG video: Internet Explorer in Windows For H.264 video: Internet Explorer 6.0 or above
<b>Real Player</b> 10.5 or above
<b>Quick Time</b> 6.5 or above

## Product Diagram



## Order Information

**FCS-3081:** Day/Night H.264 2-Megapixel PoE IP Dome Camera

## Package Content

FCS-3081  
 Power Adapter  
 RJ-45 Ethernet LAN Cable  
 CD Manual/Utility  
 Quick Installation Guide

## Optional Accessories



**CAS-3100**  
T-Bar Ceiling Mount



**CAS-3101**  
interior corner mount



**CAS-3000**  
outdoor housing



**CAS-3241**  
Straight Tube 25cm



**CAS-3242**  
Straight Tube 50cm



**CAS-3201**  
Mini Pendant



**CAS-3221**  
Corner Plate Mini



**CAS-3261**  
Pole Thin Direct Mounting

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