

2-Megapixel Day/Night PoE Dome Network Camera



FCS-3081

H/W Version: 3

Product Overview

The LevelOne FCS-3081 is a 2-megapixel PoE Dome network camera with IP66 weatherproof housing and Infrared LEDs for outdoor night surveillance at up to 30m. Featuring 3DNR (3-Dimension Noise Reduction) and WDR (Wide Dynamic Range) to maintain image quality, 12 VDC/24 VAC/PoE(IEEE 802.3af) triple power support and mounting bracket for cable management and flexible installation. It offers a perfect solution for securing school campuses, railway stations, parking lots and other facilities. The FCS-3081 is also equipped with a BNC connector for camera to be connected directly to an analog monitor. Together with removable IR-cut filter, a built-in Micro SD/SDHC card and 10 privacy masks which not only enhance the version for day and night viewing also provides high protection for privacy area and solve recording problem. The FCS-3081 is indisputably the top choice for reliable and high performance surveillance.

Exceptional Image Quality

With built-in 3DNR (3-Dimension Noise Reduction) and WDR (Wide Dynamic Range) technology, the camera is able to filter the intense backlight surrounding a subject and remove noises from video signal. The result is that an extremely clear and exquisite picture quality can be produced even under any challenging lighting conditions.

64-channel Management Software

We aim to offer you the most versatile and comprehensive surveillance solutions. Our IP CamSecure software coming with the camera allows you to monitor up to 64 megapixel IP cameras simultaneously on one screen to enhance scalability. For added convenience and flexibility, the software includes various advanced features such as scheduling recording, event alert, and heaps more. In addition, simply install our free iCamSecure App to your smartphone and connect to the PC with IP CamSecure software installed, you will easily turn your iPhone/Android smartphone into a portable surveillance system for real-time monitoring and snapshot.

Key Features

- 2-Megapixel (1920 x 1080) high-definition resolution
- Built-in infrared LEDs for night viewing up to 30m
- Vandalproof and weatherproof IP66-rated with wide operating temperature (-35°C to 50°C) for harsh environments
- Features WDR (Wide Dynamic Range) to enhance visibility under extremely bright or dark environments
- Features 3DNR (3-Dimension Noise Reduction) to produce extremely clear picture quality even under low light condition
- 3-axis mechanical design for ceiling/wall mount installation
- Built-in Micro SD/SDHC card slot for local storage
- Digital input/output (1DI/1DO) for sensor and alarm
- BNC connector for analog video output
- Triple power support: 12VDC/24VAC/PoE (IEEE 802.3af)
- Free 64-channel monitoring software included (supports iCamSecure App)

Relate Products



NVR-0208
8-CH Network Video Recorder



FSW-0503
4 FE PoE + 1FE Switch

Technical Specification

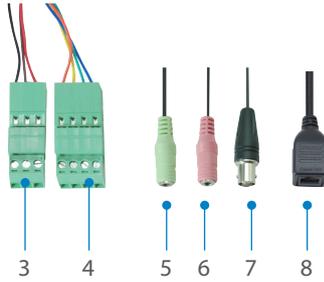
Camera
Image Sensor 2-Megapixel 1/2.7" Progressive Scan CMOS
Effective Pixels 1920x1080
Lens Board lens, vari-focal, f=3 - 9 mm, F1.2
Angle of View 103.5° (W) ~ 34.3° (T)
Minimum Illumination Color: 0.2 lux at F1.2 B/W: 0.02 lux at F1.2
IR Cut Filter Removable infrared-cut filter for day & night function
Shutter Time 1 to 1/10000 sec.
Pan/Tilt/Zoom 8x digital zoom
IR LED 24 IR LEDs for illumination up to 30m
Video
Video Compression H.264/MJPEG
Resolutions Full HD 1080p/SXGA/HD 720p/XGA/SVGA/D1/VGA/CIF
Frame Rate Up to 15 fps at 1920x1080 Up to 30 fps at 1280x1024
Video Streaming Multiple simultaneous streams, up to 4 streams
Image Setting Adjustable image size, quality and bit rate Configurable brightness, sharpness, contrast, saturation, white balance and exposure AGC/AWB/AES Back Light Compensation (BLC) Wide Dynamic Range (WDR) 3D Noise Reduction (3DNR) Flip & Mirror Portrait Mode Privacy Mask Time Stamp and Text Caption Overlay
Audio
Audio Streaming Two-way
Audio Compression G.711/G.726
Audio Input/Output Mic/line input, line output
Network
Security HTTPS, IP Filter, IEEE 802.1X
Supported protocols IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ONVIF
Number of clients 20

Alarm and Event Management
Motion Detection 10 Detection Areas
Events Tampering Detection Network Failure Detection
Notification HTTP, FTP, SMTP
DI/DO One D/I and one D/O for external sensor and alarm
General
Local storage MicroSD/SDHC card slot
Power DC12V/AC24V/PoE
Power Consumption up to 9W without heater & fan (DC12V/PoE) up to 25W with heater & fan (AC24V)
Connectors RJ-45 10BASE-T/100BASE-TX 3.5mm line out 3.5mm mic/line in I/O terminal block (DI/DO) Power terminal block BNC analog video output
LED Indicator Link/Act
Button Reset Button
Operating Temperature -10°C ~ 50°C, powered by DC12V/PoE -35°C ~ 50°C with heater & fan, powered by AC24V
Operating Humidity 10% to 90%, non-condensing
Housing Weather-proof IP66 rated housing Metal base and polycarbonate transparent cover
Dimensions ø151 x 130 mm
Weight 1350 g
Approvals CE, FCC
Viewing System Requirements OS: Microsoft Windows 7/Vista/XP Browser: Internet Explorer 6.x or above, Firefox, Chrome, Safari Cell phone: 3GPP player Real Player: 10.5 or above Quick Time 6.5 or above
Bundled Software Bundled with 64-Channel LevelOne IP CamSecure surveillance management software

Front View and Rear View



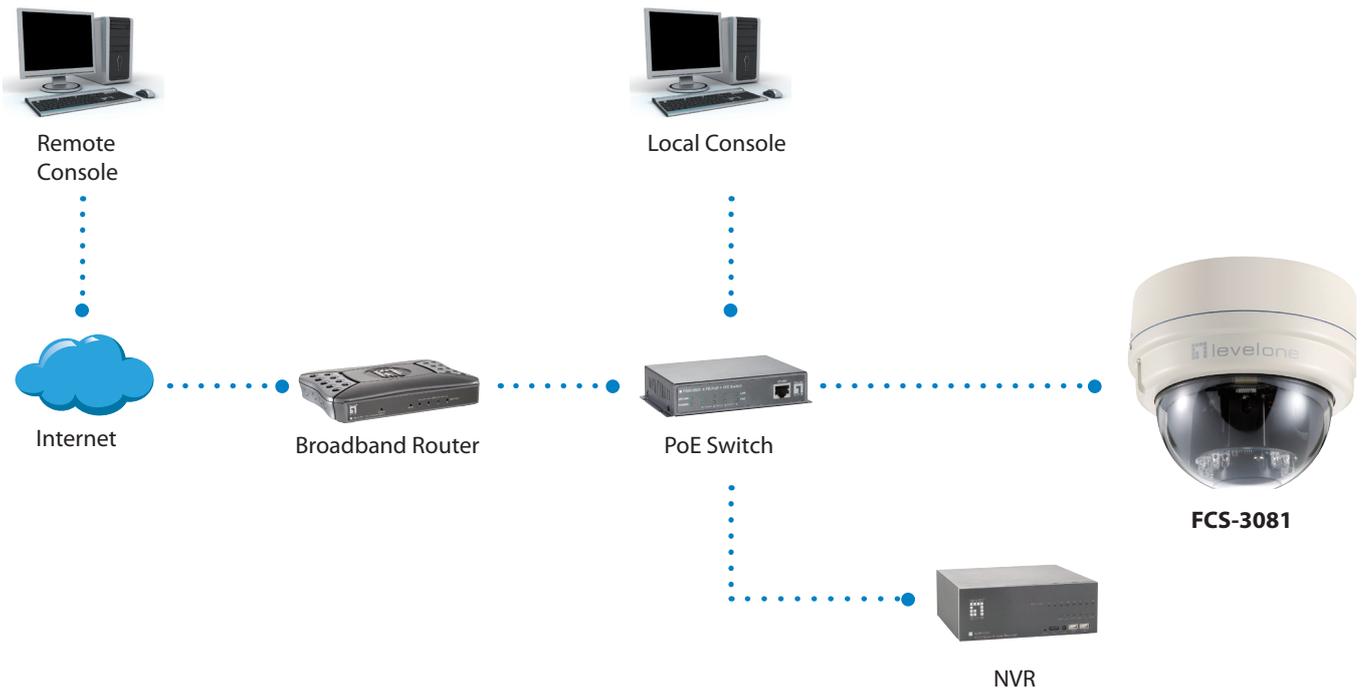
1 2



3 4 5 6 7 8

1. Lens
2. IR LEDs
3. Power
4. Alarm I/O
5. Audio Out
6. Audio In
7. BNC Connector
8. RJ-45 LAN

Product Diagram



Order Information

FCS-3081: 2-Megapixel Day/Night PoE Dome Network Camera

Package Content

FCS-3081, Power Terminal Block, Security Torx, Screw Set, Quick Installation Guide, CD Manual / Utility

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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