level one®

AU-G3
FCS-1081A

Day/Night PoE IP Network Camera

H/W Version: 3.5.5
3

Product Overview

The LevelOne AU-G3-FCS-1081A PoE IP Network Camera features a high definition Progressive CCD image sensor capturing high quality live streaming video. The PoE IP Camera features H.264/MPEG-4/MJPEG video compression, dual stream capability to multiple users, day/nigh switching, audio and PoE capability for flexible Deployment.

Multiple Video and Bi-directional Audio Compression

With enhanced H.264, MPEG-4 and Motion-JPEG Video compression, users can enjoy high-quality images with minimum bandwidth. The AU-G3-FCS-1081A includes G.711 and G.726 audio compression for easy synchronizing with live video streams.

Motion Detection & E-mail Alerts

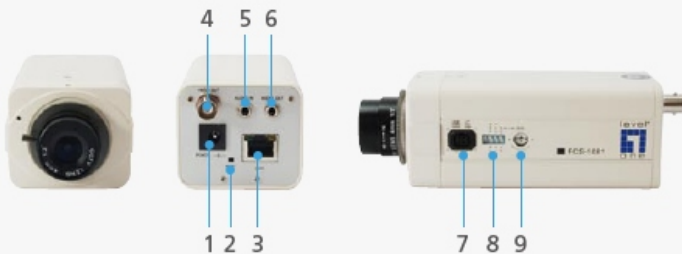Users can setup 4 motion-detection regions

With the AU-G3-FCS-1081A each with adjustable size and sensitivity. When motion is detected at the specified regions, the system can send an E-mail alert or send captured images via FTP upload to a designated storage server or record to the SDHC card in the camera.

Advanced Features for Professional Use

AU-G3-FCS-1081A includes a SYSLOG server for remote log server to log messages as well as NTP (Network-Time-Protocol) Support for synchronizing the camera's internal clock to an Internet Time-Server for a legitimate time-stamp on recorded video and pictures.

Bundled LevelOne IP CamSecure Lite

The AU-G3-FCS-1081A comes bundled with the LevelOne IP CamSecure Lite Surveillance Software. That Allows users to monitor the cameras up to 32-Ch Simultaneously.

1. Power Cord Socket
2. Reset
3. LAN Port
4. BNC Connector
5. Audio In
6. Audio Out
7. 4-pin Auto Iris Connector
8. Camera Switch
9. Camera Switch

Key Features

- Triple Streaming for H.264/MPEG4, Motion-JPEG and Mobile device simultaneously
- Day/Night viewing with automatic IR filter switching
- Remote viewing over the Internet or via 3G Mobile phone
- Features Motion Detection and Event notification via E-mail
- Supports UPnP for easy set-up and installation and DDNS for dynamic IP
- SDHC support for internal storage and pre-post alarm recording
- Dynamic Range Correction
- On Screen Display
- Supports Edge Analytics

Works Well With

FCS-9464
IP CamSecure Pro64 Mega

FCS-7011
1-Port Video Server

Technical Specification

Communication Ports
1 x RJ-45 10/100 Mbps port
PoE (IEEE802.3af) compliant
1x RS232/RS485, 1 x BNC 1.0Vp-p±0.1Vp-p, 75 ohms

Video

Compression Mode
H.264/MPEG4 AVC 10/MJPEG
Tri-streaming simultaneously

Max. Resolution
768x 582

Frame Rate
160x120: 30fps/25fps
320x240: 30fps/25fps
752x582: 30fps/25fps

3GPP
160x120@15fs, MPEG-4 for mobile phone viewing

Still Picture
JPEG

Video Record
AVI, BNC Out option for DVR Support, SDHC

Camera

Sensor
1/3" CCD Sensor (540 TVL)

Lens
5 ~ 55mm CS-Mount Type, Fixed Focus Lens, F1.2

View Angle
53.1° x 40.0° at 5mm, 4.8° x 3.6° at 55mm

Minimum Illumination
0.05 Lux in color, 0.005Lux in b/w

Infrared Facility
Removable IR cut filter
 - Motorized Switcher
 - Manual trigger
 - Scheduled

Electronic Shutter
1/50 to 1/100,000 sec, Auto/Manual

AGC/AWB/AES/BLC
Auto Iris Control
DC-drive Iris, AWB (2500-15000K)

Audio

Audio In/Out
Built-in Microphone
External microphone input jack
External speaker output jack

Audio Codec
G.726, G.711 (6kbits ~ 64kbits)

S/N Ratio
>53dB

Digital Zoom
4x

Hardware & Environment

Flash ROM
4MB Flash ROM, SDHC for Local Recording

SDRAM
32MB SDRAM

Software Settings
OSD, Adjustable image size, quality, and bit rate, Time stamp and text caption overlay, Flip & mirror, Configurable white balance, brightness, sharpness, and exposure Automatic, manual or scheduled day/night mode, Backlight compensation (BLC), WDR, Electronic Image Stabilization, Privacy Mask (upto 35 Zones), manual shutter time, compression, color, brightness, sharpness, rotation, aspect ratio correction, Picture in Picture, Motion Detection, Automatic Tracking on moving objects

Housing
Indoor/Outdoor use
BOH-1200 /BOH-1100/BOH-1200/BOH-1300
IP66-certified outdoor housings are optional

Day/Night
Removable IR cut filter

Digital I/O
4DIO

Power.
POW-1201,12V/1.25A power adapter

Environmental Conditions
Operating Temperature: -10°C ~ 50°C
Operating Humidity: 0% ~ 95%

Dimension
80mm (W) x 50mm (H) x 132mm (D)

Weight
485g

Supported Protocols
IPv4, IPv6, TCP/IP, DHCP, ARP, SMTP, NTP, HTTP, HTTPS, UPnP, FTP, ICMP, DNS, RTP, RTSP

Software
Bundled with 32-Channel LevelOne IP CamSecure Lite surveillance management software

Viewing System Requirement

OS
Microsoft Windows 2000/XP/Vista

Browser
Mozilla, Firefox, Safari, Netscape, IE 6.x or above

3GPP Player
Real Player 10.5 or above
Quick Time 6.5 or above

EMI and Safety
FCC, CE, UL, cUL, RoHS, Ctick, TUV

Optional Outdoor Housing for AU-G3 Series

BOH-1200
IP66 Certified Outdoor PoE Housing with IR for 60mtrs support

BOH-1300
IP66 Certified Outdoor Housing Power over Ethernet Options