

11g Wireless Day/Night Network Camera

Product Overview

The LevelOne Day/Night IP Network Camera is a powerful surveillance camera that connects easily with a wireless network. It provides high-quality video and audio to a control room or broadcast it to remote locations over the Internet.

The WCS-2070 dual-Codec network camera with 2-way audio and extensible day/night feature makes it more suitable for surveillance applications than any other IP camera in its class.

Day/Night Camera

The WCS-2070 IP Camera is an excellent solution when deployed outside. With its high quality CCD sensor and IR attached lens, it can capture brilliant and clear pictures under low light conditions making it suitable for almost all security and surveillance applications.

Advanced Features

The WCS-2070 from LevelOne supports a number of advanced features that give the camera increased flexibility and capabilities. The Day/Night camera features motion detection, and extended Input/Output connectors making it possible to connect sensors and alarms with this camera.

Wireless Connectivity

The WCS-2070 connects securely to a wireless network through its 802.11 g wireless connection that provides adequate WEP and WAP security keys for added network security.

Free Bundled Software

With LevelOne's free bundled software, administrators are able to monitor up to 32 channels simultaneously. It also provides recording capabilities for synchronized video and audio when captured by event-driven or scheduled recording modes.



FCS-1070

Related Products



FCS-1020
10/100 Mbps IP Web
Camera



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



WCS-2030
11g Wireless IP Network
Camera

Key Features

- Cost effective digital surveillance solution
- 802.11g Wireless Connection with WEP & WPA-PSK
- Day/Night application in low light conditions
- Two-way audio
- Optimal synchronization of audio and video
- Motion detection
- Extended I/O for sensors and alarms
- MJPEG/MPEG4 video compression
- Free bundled 32-channel recording software

Free Bundled Software

- Remote configuration and control of up to 32 cameras
- Event triggered, scheduled, recording selectable
- Instant search, rewind, playback with preview windows
- Fast/Slow forward play and pause
- Scheduled recording
- AVI format export

Technical Specification

Networking

- **Standards Compliance**
 - IEEE 802.3 10BaseT Ethernet
 - IEEE 802.3u 100Base-TX Fast Ethernet
 - IEEE 802.11b/g
- **Ports**
 - 1 x RJ-45 10/100 Mbps port
- **Frequency**
 - 2.4~ 2.4835GHz
- **Antenna**
 - Gain Value: 2 dBi
 - RF Output Power: 64QAM: 14dBm; 16QAM: 15dBm; QPSK: 16dBm; BPSK: 17dBm; DBPSK, DQPSK, CCK: 17dBm
- **Protocols**
 - UPnP, TCP/IP, HTTP, SMTP, FTP, Telnet, NTP, DNS, DHCP, DDNS

Video Specification

- **Video Algorithm Support**
 - MPEG4 (Simple Profile) for streaming video
 - 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
 - Up to 30 frames at 176x120
 - Up to 30 frames at 352x240
 - Up to 15 frames at 704x480
 - PAL
 - Up to 25 frames at 176x144
 - Up to 25 frames at 352x288
 - Up to 12 frames at 704x576

Camera Specification

- **Camera/ Lens**
 - 1/3 inch color CCD sensor
 - Typical: 0.5 Lux / F2.0 (Typical); 0 Lux (10meters with IR Lens)
 - AGC, AWB, AES
 - Electronic shutter: 1/60 to 1/100,000 sec
 - Lens: CS mount, f=6.0mm, F2.0

Audio

- **Algorithm**
 - 8k/24k/32kbps
 - Full duplex audio communication
 - Acoustic echo cancellation

Microphone

Omni-directional
Frequency: 20 – 20,000Hz
S/N ratio: more than 58dB

General I/O

1 sensor input max. 12DC 50mA
1 relay output max. 24DC 1A/125AC 0.5A
1 microphone input
1 audio output
1 video loop through output

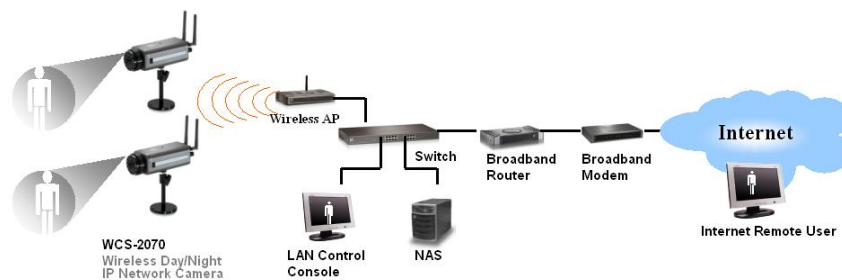
Hardware

- **System**
 - CPU: Trimedia PNX1300
 - RAM: 16MB SDRAM
 - ROM: 4MB Flash ROM
- **LEDs**
 - System power and status indicator
 - System activity and Network link indicator
 - Microphone status indicator
- **Power**
 - Consumption: Max. 9.4W
 - Input: 100-240VAC, 50/60Hz, 0.4A
 - Output: 12VDC, 1.5A
- **Temperature**
 - Operating: 0°C -40°C (32°F -102°F)
- **Humidity**
 - Operating: 85% (RH)
- **Dimension**
 - 140mm(L) * 70mm(W) * 55mm(H)
- **Weight**
 - 430g
- **EMI and Safety**
 - FCC, CE

Viewing System Requirements

- **OS**
 - Microsoft Windows 98SE/ ME/ 2000/ XP
- **Browser**
 - IE 5.0 or above
- **Applications**
 - Real Player 10.5
 - Quick Time 6.5
 - Packet Video Player 3.0

Product Diagram



Ordering Information

- WCS-1070: Wireless Day/Night Network Camera