



11g Wireless P/T/Z Network Camera



WCS-2040

H/W Version: 2

LevelOne WCS-2040 is a cutting edge surveillance system featuring motorized Pan/Tilt/Zoom functions and a built-in web server to deliver high quality live video through an existing Ethernet connection or 54Mbps wireless network.

Advanced Pan/Tilt/Zoom Camera

The WCS-2040 features a 10x optical zoom lens with up to 10x digital zoom to identify object details. This also allows for a pan and tilt control from remote locations. The pan range is up to 270-degrees while the tilt range is up to 90-degrees.

High-Quality Video and Two-way Audio

The WCS-2040 contains an excellent CCD sensor that records ideal images up to 704 x 480 pixels. This device combines high quality live images with sound provided by a built-in microphone to generate streaming video in MPEG-4 or Motion-

JPEG format. With its built-in microphone, the two-way audio feature provides voice communications during an emergency.

Versatile Features

The motion detection feature provides operational flexibility to record only when there is motion thus saving recording storage. With the WCS-2040 built-in I/O interface, users can connect to motion sensors or smoke detectors thus sending alerts to administrator's email when the detector or alarm is triggered.

Ideal for Surveillance Solutions

With LevelOne free bundled software, administrators can monitor up to 32 channels simultaneously. For full-featured surveillance solutions to your camera needs, the LevelOne WCS-2040 absolutely provides optimum solutions when building a digital surveillance environment.



1. Status LED
2. Built-in Microphone
3. Power Cord Socket
4. LAN Port
5. Audio In
6. Digital Input/Output
7. Audio Out

Key Features

- MPEG4/ MJPEG Compression Selectable
- Motorized Pan/Tilt/Zoom (10x optical zoom)
- Optimal Synchronization of Audio & Video
- Supports Auto Pan/ Auto Patrol Modes
- Intelligent Motion Detection
- Pre/Post Alarm Snapshots
- Extended I/O for Sensor & Alarm
- Free software included (Industry-leading 32-channel IP CamSecure Lite™ software)

Works Well With



FCS-9464
IP CamSecure Pro64 Mega



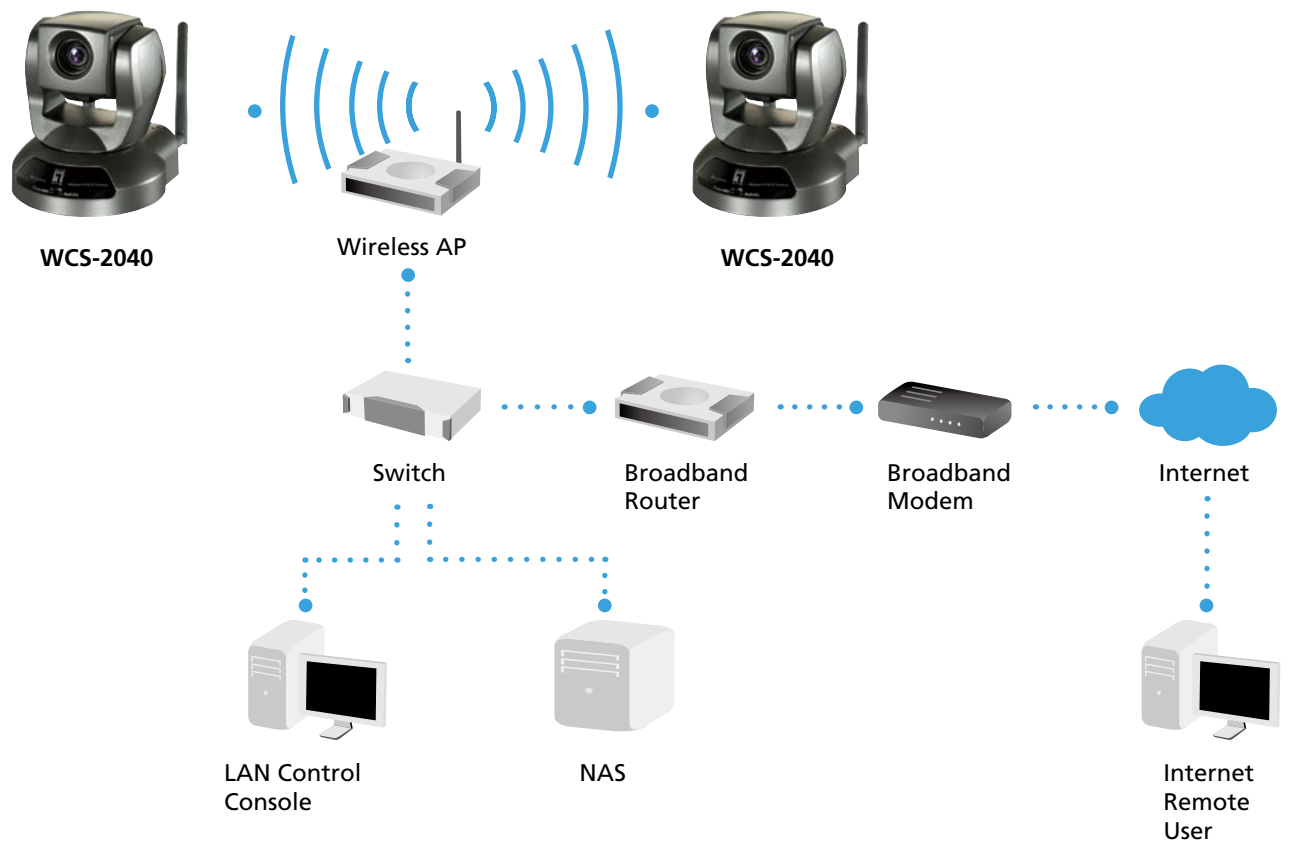
FCS-7011
1-Port PoE Video Server

Technical Specification

Network
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
Wireless Ethernet
802.11g wireless LAN
Video
Compression Mode
Streaming video: MPEG4 (Simple Profile)/ MJPEG selectable
Still Image: JPEG
Max. Resolution
704x480 pixels(NTSC)
704x576 pixels(PAL)
Frame Rate
176x120: 30/25fps
352x240: 30/25fps
704x480: 15/12fps
Still Picture
JPEG
Video Record
AVI
Camera
Sensor
1/4 inch color CCD sensor
Lens
Focal length: 4.2~42mm
Aperture: F1.8~2.9
View Angle
Vertical 36°-3.6°
Horizontal 47°- 4.9°
Minimum Illumination
Typical: 1.5 Lux / F1.8; Low Lux mode: 0.05 Lux/F1.8
Electronic Shutter (Sec)
1/60~1/100,000(NTSC), 1/50~1/100,000(PAL)
AGC/AWB/AES
Auto Iris Control
Audio
Audio In
External Microphone Input*1
Built-in Microphone
Omni-directional
Frequency: 20 – 20,000Hz
Audio Out
Audio output connector
Audio Codec
8/24/32kbps Full-Duplex
S/N Ratio
>58dB

PTZ
Pan
270 ° (Range+135 ° ~-135 °)
Tilt
135 ° (Range +90 ° ~-45 °)
Number of preset positions
20
Digital Zoom
2x,4x,6x,10x digital zoom
Optical Zoom
1x~10x optical zoom
Hardware & Environment
Flash ROM
4MB Flash ROM
SDRAM
16MB SDRAM
Housing
Indoor use
Digital I/O
1 sensor input(max. 12VDC 50mA)
1 relay output(max. 24VDC 1A, 125VAC 0.5A)
Power
Consumption: 13 W (Max.)
Adapter output: 12VDC, 1.5A
Temperature
Operating: 0-40°C/32-104°F
Humidity
Operating: 85% (RH)
Dimension
105mm(L) * 104mm(W) * 125mm(H)
Weight
420g
Software
Bundled with 32-Channel LevelOne IP CamSecure Lite surveillance management software
Viewing System Requirement
OS
Microsoft Windows 2000/XP/Vista
Browser
IE 6.x or above
EMI and Safety
FCC, CE

Product Diagram



Order Information Package Contents

WCS-2040: 11g, Wireless P/T/Z Network Camera

WCS-2040
Power Adapter
Antennas
Camera Stand
AC Cable
CD Manual/Utility
Quick Installation Guide