

11g, Wireless P/T/Z IP Network Camera

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.

Easy Access and Connection--In order to provide various flexible connection possibilities, this network camera can access control data and transmit video streaming either through a 54Mbps wireless network or an Ethernet connection. This camera is also easy to access as simple as surfing Web. Users can immediately use any of the features of this product simply by attaching the cables and turning on the power.

Advanced Pan/Tilt/Zoom Camera-- The WCS-2040 provides advanced camera features combining a 10x optical zoom lens with up to 10x digital zooming that allows for a total of 100x zooming capability to identify object details. This feature-rich camera 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. In addition, the 0.05Lux low light sensitivity of lens enables this camera to capture clear image even in near total darkness.

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 (Simple Profile) or Motion-JPEG format. With its built-in microphone, the two-way audio feature provides voice communications during an emergency.

Versatile Features-- The Auto Pan function allows the user to define individual camera automatic panning movements thus providing the capability to survey the widest range of targets while the Patrol mode enable this camera to preset up to 20 spots for sequential auto-monitoring. 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 optional modules (motion sensors, smoke detectors, etc) 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 16 channels simultaneously. The WCS-2040 also provides recording capabilities for synchronized video & audio when captured by Manual, event-driven or schedule recording modes. For full-featured surveillance solutions to your camera needs, the LevelOne WCS-2040 absolutely provides optimum solutions when building a digital surveillance environment.



WCS-2040

Related Products



FCS-1020

10/100 Mbps IP Web Camera



WCS-2010

11g Wireless P/T IP Network Camera



WCS-2030

11g Wireless IP Network Camera

Key Features

- MPEG4/ MJPEG Compression Selectable
- Motorized Pan/Tilt/Zoom (10x optical zoom)
- Optimal Synchronization of Audio & Video
- Supports Auto Pan/ Auto Patrol Modes
- 802.11g Wireless Connection with WEP & WPA-PSK
- Integrated Two-way Audio
- Intelligent Motion Detection
- Pre/Post Alarm Snapshots
- Extended I/O for Sensor & Alarm
- Free-Bundled 16-Channel Recording Software
- Supports UPnP & DDNS

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
- **Wireless Ethernet**
802.11g wireless LAN

Video Specification

- **Algorithm Support**
Streaming video: MPEG4 (Simple Profile)/ MJPEG selectable
Still Image: JPEG
- **Features**
Adjustable image size, quality and bit rate
Timestamp and text overlay
3 motion detection windows
Flip & mirror
- **Resolution:**

NTSC	PAL
Up to 30 frames at 176x120	Up to 25 frames at 176x144
Up to 30 frames at 352x240	Up to 25 frames at 352x288
Up to 15 frames at 704x480	Up to 12 frames at 704x576

Camera Specification

- **Camera/ Lens**
1/4 inch color CCD sensor
Typical: 1.5 Lux / F1.8; Low Lux mode: 0.05 Lux/F1.8
AGC, AWB, AES
Electronic shutter: 1/60~1/100,000(NTSC), 1/50~1/100,000(PAL)
Focal length: 4.2~42mm
Aperture: F1.8~2.9
- **P/T/Z**
Auto pan and auto patrol mode
Pan: Range± 135, 10 ~50 sec
Tilt: Range±90~45, 7~25 sec
Zoom: 1x~10x optical zoom, 2x,4x,6x,10x digital zoom,

Audio

- **Audio Codec**
8, 24, 32 Kbps
- **Features**
Acoustic echo cancellation
Full duplex audio communication
Audio output connector
External microphone connector

Microphone

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

Hardware

- **System**
CPU: Trimedia PNX1300
RAM: 16MB SDRAM
ROM: 4MB Flash ROM
- **General I/O**
1 sensor input(max. 12VDC 50mA)
1 relay output(max. 24VDC 1A, 125VAC 0.5A)
- **LEDs**
System power and status indicator
System activity and Network link indicator
- **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
- **EMI and Safety**
FCC, CE

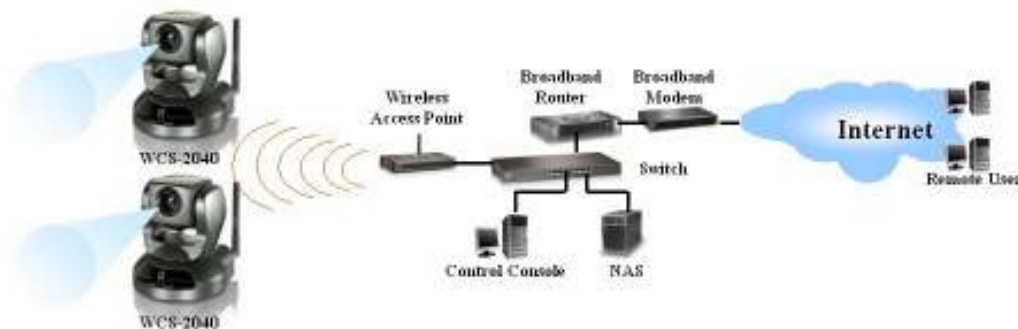
Software

- **Features**
Remote configuration and control sixteen devices
Event-triggered, scheduled, manual recording
Instant search with preview windows
Fast/slow forward replay and pause
Hard disk quota warning
Scheduled record
AVI format export

Viewing System Requirements

- **OS**
Microsoft Windows 98SE , ME, 2000, XP
- **Browser**
IE 5.0 or above

Product Diagram



Ordering Information

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

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