

Datasheet_WCS-2030

11g Wireless IP Network Camera

LevelOne's WCS-2030 is a compact-sized and perfect network camera for home and office surveillance systems. This device is able to transmit optimal synchronized video and audio over the Internet thus provides the remote monitoring capabilities.

In order to provide flexible connection possibilities, WCS-2030 can access control data and transmit video streaming either through a 54Mbps wireless network or an Ethernet connection. Furthermore, the camera is easy to install in network environment with no need to worry about complex network set-up procedures. Once installed the wizard can provide easy set-up procedure for camera use. With a built-in web server, WCS-2030 provides an easy user interface for remote access to receive video signals from anywhere anytime over the Internet with the Internet Explorer browser. DDNS is also configured to allow this camera to use an easier naming format to remember rather than an IP address.

The WCS-2030 bundles with free software that allows the administrator to monitor up to 16 channels simultaneously. The embedded software can also simulate a camera zoom function to record ideal images up to 640 x 480 pixels. This software utility supports even more features such as automatic snapshot, record streaming video directly to hard disk, enable motion detection and send event notification via e-mail, making this network camera a ideal solution to building a digital network-monitoring environment.



WCS-2030

Camera Features

- Installs wherever on the IEEE 802.11 b/g wireless LAN or wired 10/100 Mbps Ethernet is available
- Optimal synchronization of audio & video
- Supports 4x digital zoom
- MPEG-4 compression minimizes bandwidth requirement
- Supports UPnP for Easy set-up and installation
- Friendly GUI for easy configuration
- Supports Windows 98SE/ME/2000/XP
- Intelligent motion detection
- Adjustable network bandwidth
- Event-notification via E-mail

Free Bundled Software Features

- View and record live video up to 16 cameras simultaneously
- Recording for the synchronized video & audio
- Manual, event-driven and schedule recording mode
- Zero waiting database searching and event preview
- Hard disk storage indicator and alarm
- High compression ratio and storage capacity

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Technical Specification

Networking

- **Standards Compliance**
IEEE 802.3/u, IEEE 802.11b/g
- **Ports**
1 x RJ-45 10/100 Mbps port
- **Frequency**
2.4~2.4835GHz
- **Antenna**
Gain Value: 1.5 dBi
RF Output Power: 64QAM: 14dBm; 16QAM: 15dBm;
QPSK: 16dBm BPSK: 17dBm DBPSK, DQPSK,CCK: 17dBm

Camera Specification

- **Lens**
Fixed focal w/ fine tuning, 4.0mm, F=1.8
- **Image Sensor**
1/4" Color CMOS Sensor
- **Max. Resolution**
640 x 480 pixels
- **Minimum Illumination**
10Lux / F1.8
- **Electronic Shutter:**
1/60 ~ 1/15,000 sec

Video

- **Video Algorithm Support:**
Stream Video (MPEG4)
Still Photos (JPEG)
- **Video Resolution:**
Up to 30/25 frames at 160 x 120
Up to 30/25 frames at 320 x 240
Up to 10 frames at 640 x 480

Audio

- **Audio Codec**
24Kbps
- **Others**
Supports audio mute

Microphone

- **Type**
Omni-directional
- **Frequency**
50 ~ 16000Hz
- **S/N Ratio**
More than 60dB

Hardware & Environment

- **CPU**
Trimedia PNX 1300
- **RAM**
16MB SDRAM
- **ROM**
2MB Flash ROM
- **Power**
Input: 100~240VAC, 50/60Hz, 0.4A
Output: 5VDC, 2A
- **Temperature**
Operating: 0°C ~50°C (32 ~ 122)
- **Humidity**
Operating: 10%~95%(Non-Condensing)
- **Dimension**
72.8mm(W) * 28.6mm(D) * 115.2mm(H)
- **Weight**
215g
- **EMI and Safety**
FCC, CE

Viewing System Requirement

- **OS**
Microsoft Windows 98SE/ ME/ 2000/ XP
- **Browser**
IE 5.5 or above

Product Diagram



Ordering Information

- WCS-2030: 10/100Mbps IP Network Camera