

## 11g Wireless P/T IP Network Camera

**LevelOne** WCS-2060 is a Pan, Tilt and Zoom wireless IP network camera, offering superior image quality and optimized bandwidth efficiency through existing network connection. It is able to broadcast live images to your handheld mobile phone or PDA and supports 3GPP/ISMA RSTP format via a 2.5G/3G mobile phone\*.

### 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.

### Pan/Tilt Network Camera

The WCS-1060 contains a CMOS sensor to record brilliant images up to 640 x 480 pixels and the camera presents users with a 4x digital zoom capability. The Auto Pan function allows the user to define individual cameras automatic panning movements thus providing the capability to survey the widest range of targets over a pan range of 350-degrees and a tilt range of 125-degrees. The Patrol mode allows the user to preset up to 20 spots for sequential auto-monitoring.

### Remotely, Advanced Monitoring Features

The motion detection feature provides operational flexibility to record only when there is motion thus saving record storage. With a built-in web server, the WCS-2060 provides an easy user interface for remote access to receive video signals from anywhere anytime over the Internet with the Internet Explorer browser.

### Easy Maintenance and Configuration

With LevelOne's free bundled software, administrators are able to monitor up to 32 channels simultaneously. The WCS-2060 also provides recording capabilities for synchronized video & audio when captured by event-driven or schedule recording modes. For full-featured surveillance solutions to your camera needs, our LevelOne WCS-2060 absolutely provides optimum solutions when building a digital surveillance environment.

*\* This feature depends on the local mobile telecom system and the mobile phone model. LevelOne does not guarantee that this feature will work in all countries.*



WCS-2060

### Related Products

	<b>FCS-1020</b> 10/100 Mbps IP Web Camera
	<b>WCS-2010</b> 11g Wireless P/T IP Network Camera
	<b>FCS-1060</b> 10/100Mbps P/T IP Network Camera

## Key Features

- Motorized wide-range Pan/Tilt.
- Built-in 1/4" CMOS sensor and high sensitive microphone to deliver high quality streaming video
- 802.11g Wireless Connection with WEP & WPA-PSK
- Provides 4x digital zoom
- Supports MPEG4 (Short header mode) compression for streaming video and JPEG for still Image
- Supports 3GPP/ISMA RTSP (Real Time Streaming Protocol)
- Intelligent Motion Detection
- Free-Bundled powerful 32-Channel Recording Software
- Built-in Web server for remote accessing image from general web browser anywhere
- Supports UPnP & DDNS

## Technical Specification

### Networking

- **Standards Compliance**  
IEEE 802.3 10BaseT Ethernet  
IEEE 802.3u 100Base-TX Fast Ethernet  
IEEE 802.11 b/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, RTSP/RTP/RTCP, HTTP, SMTP, FTP, Telnet, NTP, DNS, DHCP, DDNS and PPPoE

### 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 Resolution:**  
Up to 30/25 frames at 160x120  
Up to 30/25 frames at 176x144  
Up to 30/25 frames at 320x240  
Up to 30/25 frames at 640x480

### Camera Specification

- **Camera/ Lens**  
1/4 inch color CMOS sensor  
Typical: 1.0 Lux / F2.0  
AGC, AWB, AES  
Electronic shutter: 1/60 to 1/15,000 sec  
Fix length: 4.0mm  
Aperture: F2.0

### Audio

- **Algorithm**  
GSM-AMR/ MPEG4 AAC
- **Audio Mute**  
Supported

### Microphone

- Omni-directional  
Frequency: 50 – 16,000Hz  
S/N ratio: more than 60dB

### Pan/Tilt

- Pan: range 350° (+175°~-175°)  
Tilt: range 125° (+90°~-35°)  
Auto pan mode/ Auto patrol mode

### Security

- ID/Password authentication  
Wireless Security: 64/128-bit WEP; WPA-PSK

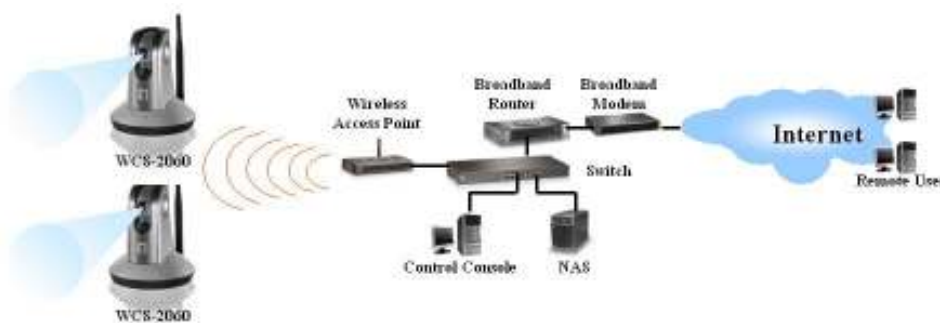
### Hardware

- **System**  
RAM: 32MB SDRAM  
ROM: 4MB Flash ROM
- **LEDs**  
System power and status indicator  
System activity and Network link indicator  
Microphone status indicator
- **Power**  
Adapter output: 12VDC, 1.5A
- **Temperature**  
Operating: 0°C -40°C (32°F -102°F)
- **Humidity**  
Operating: 85% (RH)
- **Dimension**  
121.4mm(L) \* 110mm(W) \* 103mm(H)
- **Weight**  
222g
- **EMI and Safety**  
FCC, CE

### Viewing System Requirements

- **OS**  
Microsoft Windows 98SE/ ME/ 2000/ XP
- **Browser**  
IE5.0 or above
- **3GPP Player**  
Real Player 10.5  
Quick Time 6.5  
Packet Video Player 3.0

## Product Diagram



## Ordering Information

- WCS-2060: 11g Wireless P/T IP Network Camera

For more information, please contact your LevelOne representative, or visit our website  
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