

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

### Product Overview

The WCS-0020 Wireless Network Camera is a user-friendly and motorized Pan/Tilt/Zoom Wireless network camera. Whether for Home, or Business surveillance, or for entertainment and fun, this Network Camera provides all the features needed for an affordable and easy to use IP Surveillance camera.

### Wireless Video Surveillance

The WCS-0020 11g Wireless Network Camera supports both wired and wireless network connectivity for easy installation. It provides 11b/g Wireless connectivity to Access Points or Wireless Routers and features 64/128-bit WEP and WPA-PSK encryption. For initial setup and troubleshoot, a back-up RJ-45 port provides 10/100Mbps connectivity with a network switch or router.

### Motorized Pan/Tilt with Multiple Video and Bi-directional Audio

The WCS-0020 features a Micro Stepping Motor for precision pan and tilt control from a local console or remotely via the Internet. With enhanced MPEG-4 and Motion-JPEG Video compression, users can enjoy high quality imagery that requires minimum bandwidth. The camera also supports G.726 /G.711 audio compression for easy synchronizing with live video streams. The bi-directional audio communication feature allows user to use this network camera at entry points.

### Motion Detection & E-mail Alerts

Users can define 4 motion-detection regions, each with adjustable size and sensitivity. When motion is detected the system sends an automated E-mail alert or sends captured images via FTP upload to a designated storage server.

### Bundled LevelOne IP CamSecure Lite and Windows

The WCS-0020 Wireless Pan/Tilt/Zoom Network Camera is bundled with LevelOne IP CamSecure Lite. It is an easy to use surveillance management tool that allows users to monitor the camera locally over the LAN or remotely over the Internet.



**WCS-0020**

## Key Features

- Easy to use Pan/Tilt/Zoom Wireless Network Camera for home and office use
- Supports 11b/g Wireless connectivity with WEP and WPA-PSK encryption
- Supports MJPEG and MPEG-4 video compression standards
- Features a micro stepping motor for precision pan and tilt control
- Features a bi-directional microphone for easy setup at entry points
- Supports up to 25/30 frames per second in full VGA resolution
- Features Motion Detection and Event-notification via E-mail
- Supports Mobile phone 3GPP live video
- Supports a variety of browsers for live viewing: IE, Firefox, Mozilla, Netscape
- Supports 10 Pre-Set monitoring areas with patrol mode
- Remote viewing over the Internet or via 3G Mobile phone
- Bundled with LevelOne IP CamSecure Lite surveillance management software

### Technical Specification

#### Video

##### Image Sensor

CMOS, 1/4" VGA Resolution

##### Lens

4.57mm/F2.0 Fixed Focus  
Effective Range: 0.5m to 5m

##### Lux

1 Lux

##### Compression

MPEG-4/MJPEG Dual Stream

##### Resolution Support

640x480, 320x240, 160x120

##### Frame Rate

Up to 30 frame per second in VGA mode (640x480)

##### Image Control

AWB, AGC, Contrast, Brightness

##### Video Options

Motion-Detection, Time Stamp, Text Overlay

##### 3GPP

160x120@15fs

MPEG-4 for mobile phone viewing

#### Pan/Tilt/Zoom

##### Pan Range

126° (Left 63° ~ Right 63°)

##### Tilt Range

64°

##### Digital Zoom

4x Digital Zoom

#### Audio Specifications

##### Compression

G.726/G.711

##### Microphone/Speaker

Bi-directional audio

Built-in Microphone and external speaker

##### Audio Option

On-Off control on web interface and Windows playback

#### Wireless Specifications

##### Standard

IEEE 802.11b

IEEE 802.11g

##### Operation Modes

Infrastructure / Ad-Hoc

##### Wireless Range

50m Indoor

##### Encryption

64/128-bit WEP, WPA-PSK

##### Frequency

2.4~2.4835GHz, DSSS

##### Antenna

2dBi Detachable

#### Software Specifications

##### Bundled with LevelOne IP CamSecure Lite

32-Channel monitoring and recording software)

##### E-mail Notification

Triggered by motion detection and digital input

##### Security

Username and Password

64/128-bit WEP, WPA-PSK

#### Hardware Specifications

##### LAN

RJ-45 Ethernet 10/100Mbps BaseT

##### Supported Protocols

TCP/IP, SMTP, HTTP, DHCP, NTP, RTSP/RTP, UPnP

##### LED Indicators

Power, Active, Network

##### Power Adapter

DC 5V/2A

##### Certification

CE, FCC

##### Dimensions

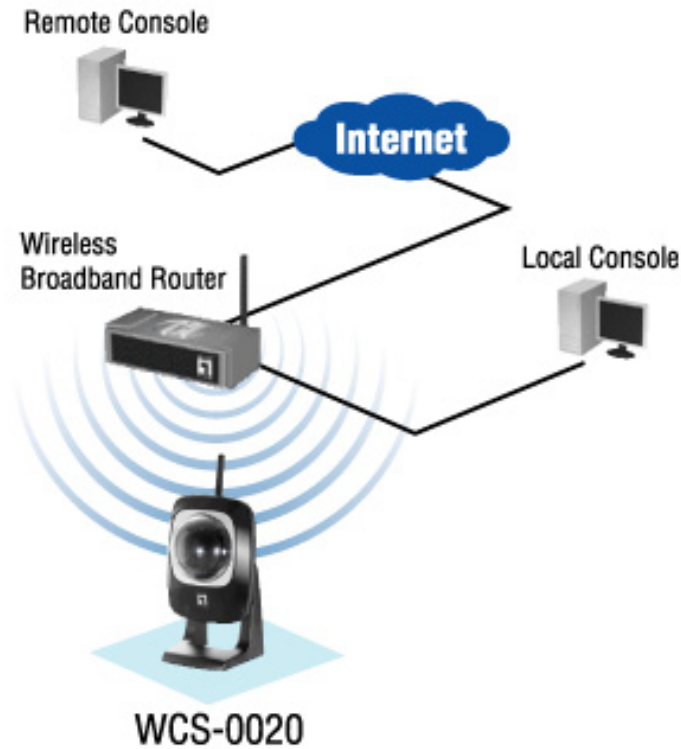
113.5mm (H) x 52.1mm (W) x 80mm (D)

##### Weight

273g without stand

377.5g with stand

## Product Diagram



## Order Information

**WCS-0020:** 11g Wireless P/T/Z IP Network Camera

### Package Contents

- WCS-0020
- Power Adapter
- Antenna
- Camera Stand
- CD Manual/Utility
- Quick Installation Guide