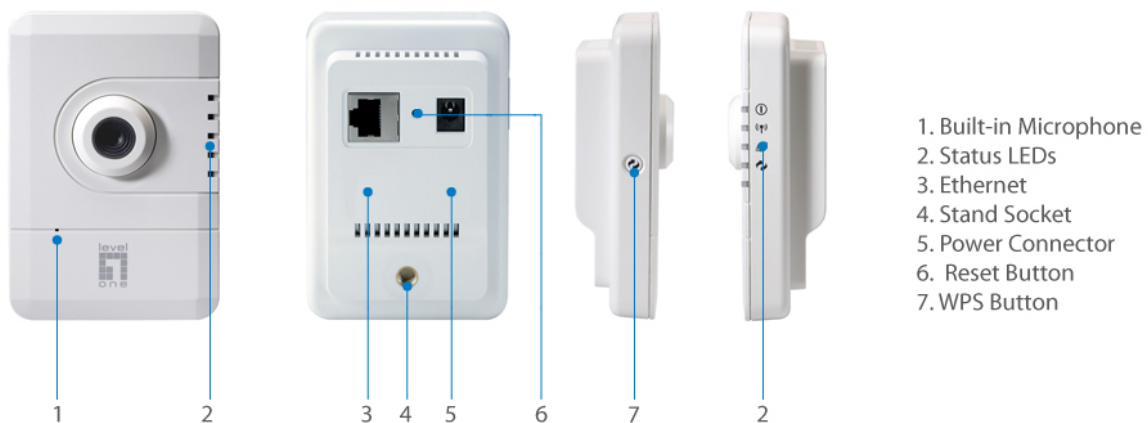




WCS-0050 Version: 1

## 150Mbps Wireless Megapixel Network Camera

The LevelOne WCS-0050 is a quality yet cost-effective surveillance solution for home and office. It is designed for easy and flexible installation, provides choice of either a 150Mbps wireless or a wired connection to the network and a WPS (Wi-Fi protected setup) button to secure the wireless connection through a flip of one push. The WCS-0050 supports 2 simultaneously individual video streams for quality needs and bandwidth constraints. Moreover, the free PC-based 64-channel monitoring software with iPhone/Android phone App within the package helps to manage multiple cameras simultaneously and offers easy mobile viewing.



### Key Features

- Megapixel (1280 x 800) high-definition resolution
- Supports iPhone/smartphone/PDA remote viewing over the Internet
- Compatible with IEEE 802.11b/g/n wireless standards
- Provides wireless speed up to 150Mbps
- Compression: H.264/MPEG-4/MJPEG
- Supports 2 video streams simultaneously
- Easy Internet monitoring via configuration free Level1DNS™ service
- Supports motion detection and event notification via e-mail or FTP
- Simple wireless connectivity and security with WPS push button
- Free 64-channel monitoring software included (supports iCamSecure App)



## Highlight

### Free bundled 64-channel Management Software

We aim to offer you the most versatile and comprehensive surveillance solutions. Our free IP CamSecure software coming allows you to monitor up to 64 IP cameras simultaneously on one screen to enhance scalability. For added convenience and flexibility, the software includes various advanced features such as scheduling recording, event alert, and heaps more. In addition, simply install our free iCamSecure App to your smartphone and connect to the PC with IP CamSecure software installed, you will easily turn your iPhone/Android smartphone into a portable surveillance system for real-time monitoring and snapshot.

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## Related Product



### **WCS-6020**

2-Megapixel Day/Night Wireless P/T Network Camera - IR LEDs



### **WCS-6050**

5-Megapixel Day/Night Wireless P/T Network Camera - IR LEDs

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## Specifications

### System Specifications

#### Image Sensor:

Megapixel 1/4" Progressive Scan CMOS

#### Connectors and Cabling:

1 x RJ-45 10/100 Mbps port

1 x DC Power Jack

#### Button:

WPS, Reset Button

#### Indicator:

Power, Wireless, Ethernet, WPS

#### Lens:

Board lens, fixed-focal, f=3.6 mm, F2.3

#### Shutter Time:

1/5 ~ 1/24,500 sec.

#### Angle of View:

55.7°

#### Pan/Tilt/Zoom:

4x digital zoom

#### Video Compression:

H.264 / MPEG4 / MJPEG

#### Resolution:

1M (1280x800) / VGA (640x480) / CIF (320x192)

#### Video Format:

ASF

#### Audio Compression:

G.711 / AMR

**Power:**

Power Consumption: 4.5W

Power Input: DC12V 1A

**Standards & Protocols:**

IEEE 802.3 10-BASE-T, Ethernet

IEEE 802.3u 100-BASE-TX, Fast Ethernet

IEEE 802.11b, IEEE 802.11g, IEEE 802.11n Wireless Networking

TCP/IP, UDP, ICMP, DHCP, NTP, DNS, DDNS, SMTP, FTP, HTTP, Samba, PPPoE, UPnP, Bonjour, RTP, RTSP, RTCP

## Wireless

**Encryption:**

WEP 64/128-bit Web share key encryption WPA, WPA2,

128-bit TKIP/AES encryption

Wi-Fi Protect Setup (WPS) Push Button

**Channel:**

Ch.1 ~ 11 USA

Ch.1 ~ 13 EU

**Antenna:**

Built-in 1dBi chip antenna

**Frequency Band (GHz):**

2.412 ~ 2.472 GHz

## Features

**General:**

DNS: Easy Internet monitoring via configuration free Level1DNS™ service

**Security:**

Alarm and Notification: Alarm: Motion Detection

Notification: HTTP, FTP, SMTP, Samba

Access Control: Multi-level user access with password protection

IP address filtering

HTTPS encrypted data transmission

**Video:**

Image Setting: - Adjustable image size, quality and bit rate

- Configurable brightness, sharpness, contrast, saturation, white balance and exposure

- AGC/AWB/AES

- Flip & Mirror

- Privacy Mask

- Time Stamp and Text Caption Overlay

Image Layout:

Streaming: Up to 2 video streams

Motion Detection: 3 Detection Zones

**Audio:**

Streaming: 1-way audio

Input/Output: Built-in microphone

## Performance

**Number of Clients:**

10

**Data Transfer Rate:**

LAN- 10/100Mbps

IEEE 802.11n: 6.5~72.2/13.5~150Mbps (20/40 MHz)



IEEE 802.11g: 54 ~ 6 Mbps

IEEE 802.11b: 11 ~ 1 Mbps

**Frame Rate:**

Up to 15 fps at 1200x800

Up to 30 fps at 640x400

Up to 30 fps at 620x192

**Minimum illumination:**

1 lux

## Environment

**Temperature (°C):**

Operating: 0°C ~ 50°C

**Humidity (Non-condensing):**

Operating: 10% ~ 80%

## Physical Specifications

**Dimensions (W x D x H mm):**

70 x 34 x 105 mm

**Weight (g):**

102 g

## Others

**Approval and Compliance:**

CE, FCC

**Deployment:**

Desktop/Wall/Ceiling Mount

**Operation Systems:**

Microsoft Windows 7/Vista/XP

**Viewing System Requirements:**

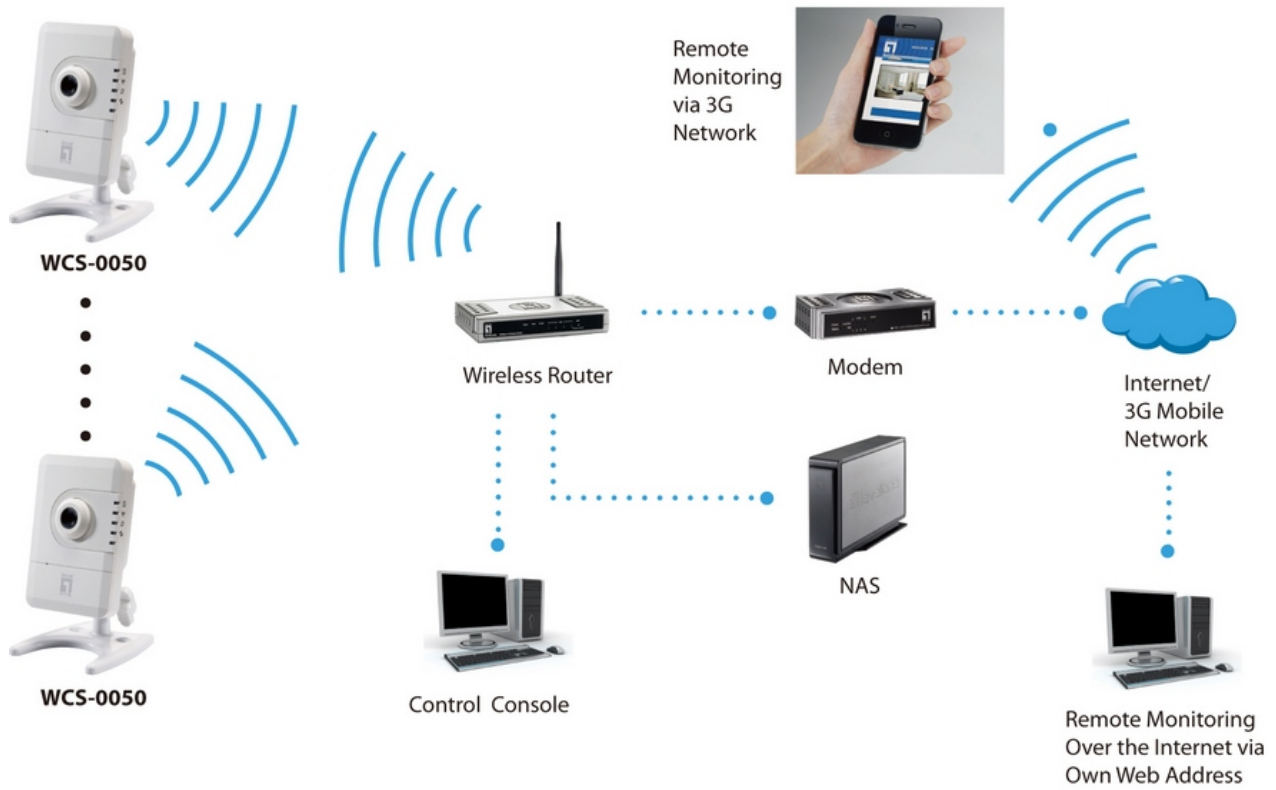
Browser: Internet Explorer 6.x or above

Cell phone: 3GPP player

Real Player: 10.5 or above

Quick Time 6.5 or above

## Diagram



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## Order Information

WCS-0050

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## Package Contents

Power Adapter  
RJ45 Ethernet Cable  
Bracket  
Quick Installation Guide  
Resource CD (User Manual, Utility, 64-CH Monitoring Software)



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