



Wireless 1.3-Megapixel Network Camera

WCS-0040



H/W Version: 1

Product Overview

WCS-0040 is an easy-to-use network camera specifically designed for home security applications with a compact, stylish exterior. Equipped with a 1.3MP sensor enabling viewing resolution up to 1280x960, also support IEEE802.11b/g/n Wireless connection. It provides users with H.264, MPEG-4 and Motion JPEG video compression, bi-directional audio, a Web-based user interface with motion detection and alert features.

Multiple Video and Bi-directional Audio Compression

With enhanced H.264, MPEG-4 and Motion-JPEG Video compression, users can enjoy maximize image quality with a minimum bandwidth requirement. The WCS-0040 includes the popular G.726 audio

compression standard for easy synchronizing with live video. The bidirectional audio communication allows user to use the WCS-0040 an intercom.

Motion Detection & E-mail Alerts

Users can set up 4 motion-detection regions with the WCS-0040, each with adjustable size and sensitivity. When motion is detected at the specified regions, the system can send an E-mail alert or send captured images via FTP upload to a designated storage server.

Bundled LevelOne IP CamSecure up to 64channels

The WCS-0040 10/100Mbps Network Camera comes bundled with the LevelOne IP CamSecure Surveillance Software. It allows users to monitor the cameras up to 64 channels simultaneously.



1. Built-in Microphone
2. Reset
3. Audio Out
4. Stand Socket
5. Network
6. Power

Key Features

- 1/5" CMOS Sensor in 1280 X 960 resolution
- H.264, MPEG-4 and MJPEG Compression (Triple Codec)
- Multiple Simultaneous Streams
- Support 802.11n wireless mode
- Supports 16x digital zoom and ePTZ for data efficiency
- Support Reset+WPS button (2 in 1)
- Built-in microphone and an audio out jack for bidirectional audio
- Supports Motion/Audio Detection and Event Notification via E-mail, FTP and HTTP
- Free software included (Industry-leading 64-channel IP CamSecure™ software)

Relate Products



WBR-6020
300Mbps N_Max Wireless Router



POS-1002
5-12V DC PoE Splitter

Technical Specification

Camera

Image Sensor

1.3-Megapixel Progressive 1/5"CMOS

Lens

Fixed Focus lens

Focal Length: F2.0

View Angle (Hor): 50.5 degree

View Angle (Ver): 39.1 degree

Minimum illumination

3Lux / F2.8

Video

Video compression

H.264, MPEG-4 & MJPEG

Resolutions and Frame rate

1280x960 @15fps

640x480 @30fps

320x240 @ 30fps

Multi-view streaming

Up to 3 Streams

Pan/Tilt/Zoom

Supports ePTZ for data efficiency

Digital Zoom: Max to 16x

Image settings

AWB (Auto-White-Balance), AEC (Auto-Exposure-Control), AGC (Auto-Gain-Control), Sharpness, Image Quality, Time Stamp and Text Overlay(20 characters)

Picture

JPEG

Video Record

AVI format

Audio

Audio In/Out

built-in Microphone and external Speaker output jack

Audio Streaming

Two-Way

compression

G.711, G.726 (u-law), Linear PCM

Network

Ethernet

10BASE-T / 100BASE-TX (RJ-45)

protocols

TCP/IP, HTTP, HTTPS, DHCP, SMTP, FTP, UPnP, DDNS, NTP, RTP, RTCP, RTSP, SMB

QoS

Support DSCP tag for Ethernet QoS for video/audio streaming.

Support WMM for wireless QoS (802.11e QoS)

Number of client

10

Wireless

Wireless Specifications

IEEE 802.11b/g/n by 2T2R MIMO technology for wireless data rate up to 300Mbps

Operation Modes

Infrastructure / Ad-Hoc

Range

Indoor: 50m

Encryptions

WEP, WPA-PSK, WPA2-PSK

Frequency

2.4-2.4835GHz, DSSS

Antenna

2dbi, Detachable(1 external and 1 internal antenna)

Security

Multi-level user access with password protection

IP address filtering

HTTPS encrypted data transmission

802.1X port-based authentication for network protection

Alarm and Event Management

Motion Detection

4 Detection Areas with individual sensitivity

E-Mail Alert

3 e-mail address

FTP Uploading

2 FTP servers address and login settings

HTTP Notification

1 HTTP notification for instant notification

General

System

Flash ROM: 8MB

RAM: 128MB

Power

12V/1A DC

Power consumption: Max. 8 W

Connectors

RJ-45 10BASE-T/100BASE-TX

3.5 mm Speaker

Power jack

Reset + WPS Button (2 in 1)

Operating conditions

Operating Temperature: 0°C ~ 40°C

Operating Humidity: 10% ~ 80%

Storage Temperature: -20°C ~ 70°C

Storage Humidity: 0% ~ 90%

LED Indicator

Power, Active, Network/WPS

Approvals

CE, FCC

Dimension

141.6mm (H) x 114.3mm (W) x 41.4mm (D)

Weight

235g without stand

Bundle Software

Bundled with 64-Channel LevelOne IP CamSecure surveillance management software

Viewing System Requirements

Operating system

Microsoft Windows 2000/XP/Vista/7

Web browser

For MPEG4 video: Internet Explorer in Windows

For MJPEG video: Firefox, Safari, Mozilla, Netscape

For H.264 video: Internet Explorer 6.0 or above

Cell phone viewer

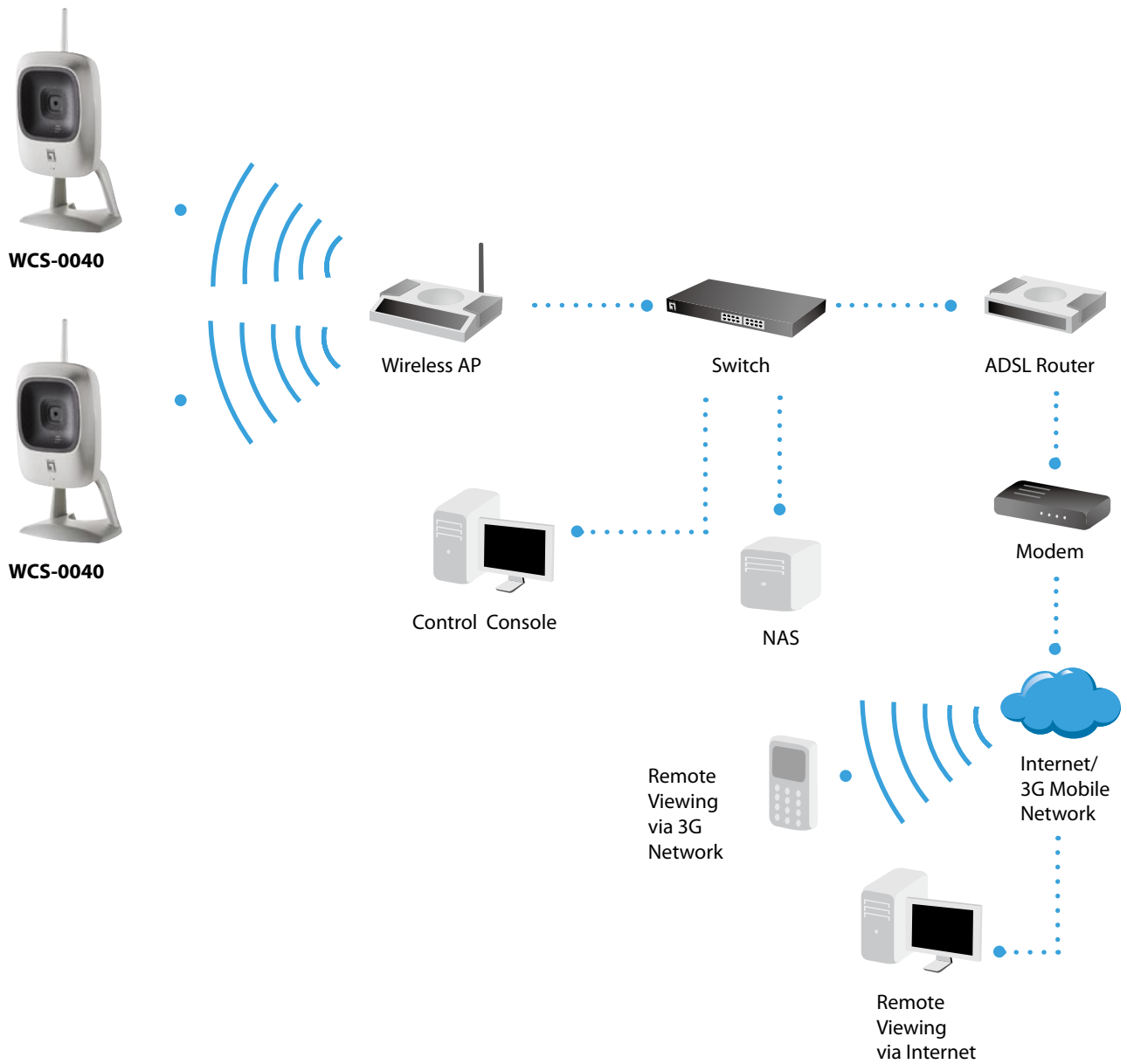
3GPP player

Stream player

Real Player 10.5 or above

Quick Time 6.5 or above

Product Diagram



Order Information

Package Contents

WCS-0040: Wireless 1.3-Megapixel Network Camera

- WCS-0040
- Power Adapter
- Camera Stand
- CD Manual/Utility
- Quick Installation Guide

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