level one ®

Wireless Megapixel PIR Lighting Network Camera
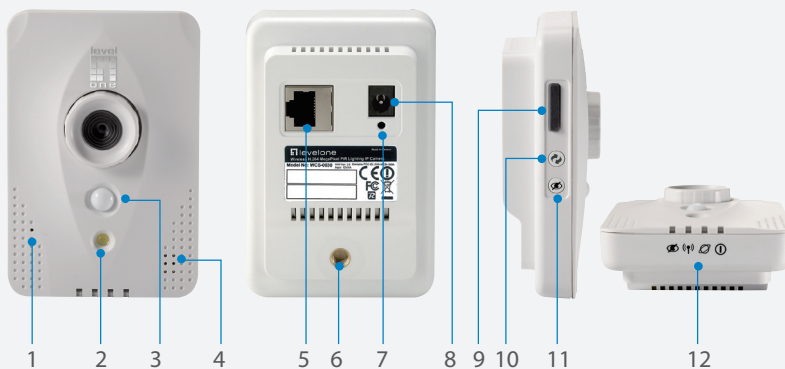
WCS-0030

H/W Version: 2

LevelOne WCS-0030 is a fixed day camera with super image quality for home security and surveillance. It provides a distinct and stylish exterior mount unit with excellent features and quality, allowing plenty support of applications and wide area of coverage. Users can view the live motion image anywhere through web browser via the Internet. With the megapixel progressive sensor and white LED, WCS-0030 comes with high resolution quality and sharp sensitivity - a perfect solution for securing your home and office.

In addition, WCS-0030 provides many advanced features, including Human detection sensor (PIR), Micro SD card slot, Wireless 802.11n, WPS (Wi-Fi protected setup) button and Privacy button. With "Easy Installation Wizard", this LevelOne IP camera is very user friendly, perfect for both home and/or business. It also embedded with a high performance image sensor and CPU. WCS-0030 supports MPEG-4 / MJPEG / H.264 codec compression, providing high resolution at 640 x 400 or 1280 x 800 for high-quality video and real-time viewing.

1 2 3 4 5 6 7 8 9 10 11 12

1. Microphone
2. Illumination LED
3. PIR Sensor
4. Speaker
5. Ethernet
6. Stand Socket
7. Reset Button
8. Power Connector
9. Micro SD slot
10. WPS Button
11. Privacy Button
12. Status LEDs

Key Features

- Megapixel (1280 x 800) high-definition resolution
- Built-in PIR sensor for human temperature detection
- Built-in white LED for auto-illuminating motion detected area
- Provides wireless speed up to 150Mbps
- Built-in microphone and speaker for 2-way audio communication
- Easy Internet monitoring via configuration free Level1DNS™ service
- Compatible with IEEE 802.11b/g/n wireless standards
- Simple wireless connectivity and security with WPS push button
- Compression: H.264/MPEG-4/MJPEG
- Simple audio/video on/off with one-push Privacy Button
- Built-in Micro SD/SDHC card slot for local storage
- Free 64-channel monitoring software included (supports iCamSecure App)

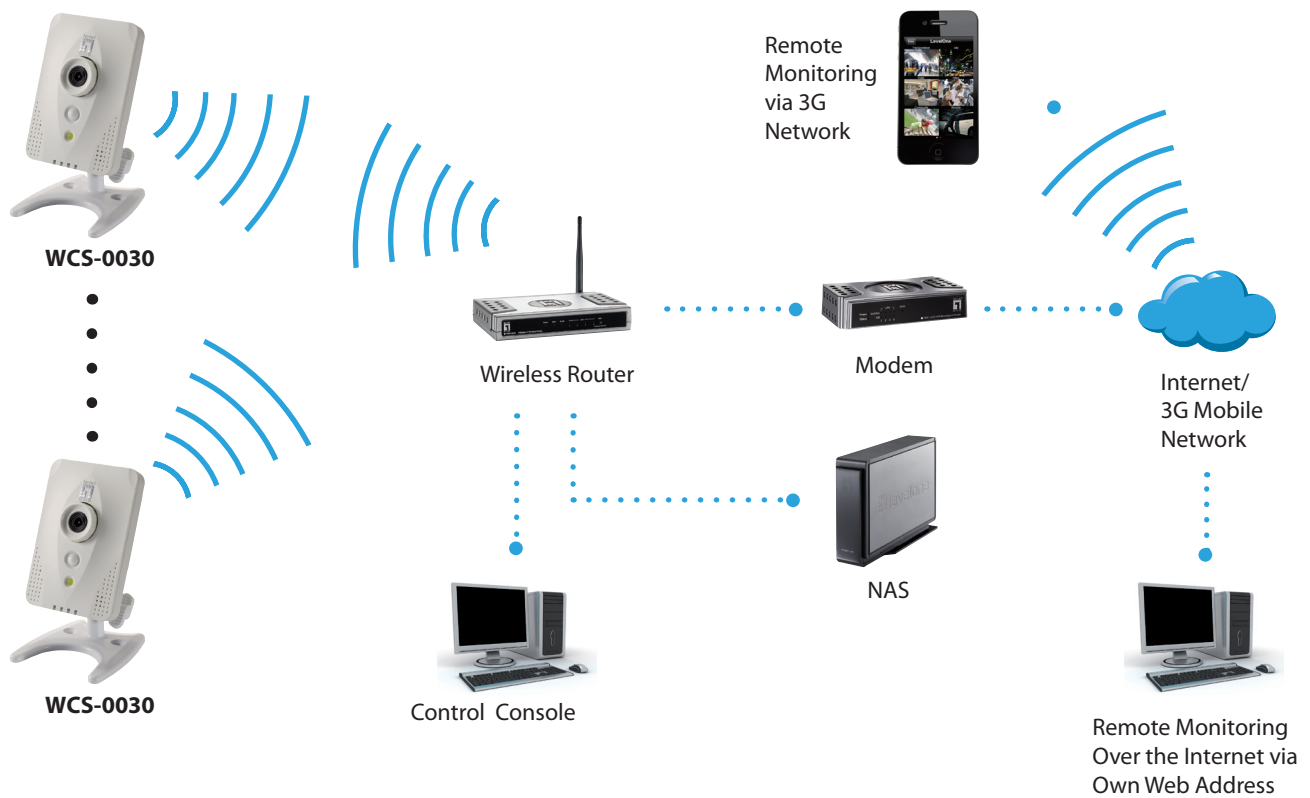## Works Well With

WBR-6003
150Mbps Wireless Router

GNS-1001
1-Bay Gigabit Network Storage

Technical Specification

Camera

Image Sensor
1/4" Megapixel Progressive Scan CMOS

Effective Pixels
1280x800

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

Angle of View (H)
55.7°

Minimum Illumination
1 lux (without LED)
0 lux (with LED)

Pan/Tilt/Zoom
4x Digital Zoom

Illumination LED
Triggered by Auto PIR Sensor
White LED distance up to 6m

Video

Video Compression
H.264/MPEG4/MJPEG

Resolutions
1280x800 / 640x400 / 320x192

Frame Rate
Up to 30 fps at all resolutions

Video Streaming
Multiple simultaneous streams, up to 2 streams

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

Video Format
Store to PC: .asf
Store to SC Card: .mp4

Audio

Audio Streaming
Two-way

Audio Compression
G.711/AMR

Audio Input/Output
Built-in microphone/speaker

Network

Networking
10/100 Mbps Ethernet, RJ-45

Security
Multi-level user access with password protection
IP address filtering
HTTPS encrypted data transmission

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

Number of clients
10

DNS
Easy Internet monitoring via configuration free Level1DNS™
service

Wireless

Networking
Built-in 802.11b/g/n WLAN

Transfer Rate
802.11n 2.0: 6.5~72.2/13.5~150Mbps (20/40 MHz)
802.11g: 54 ~ 6 Mbps
802.11b: 11 ~ 1 Mbps

Wireless Security
WEP 64/128-bit Web share key encryption WPA, WPA2,128-bit
TKIP/AES encryption
Wi-Fi Protect Setup (WPS) Push Button Support

Channels
Ch.1 ~ 11 USA
Ch.1 ~ 13 EU

Operating Frequency
2.412 ~ 2.472GHz

Antenna
Built-in 2dBi chip antenna

Alarm and Event Management

Passive Infrared Sensor (PIR)
PIR range up to 4m

Motion Detection
3 Detection Zones

Other Events
PIR Detection

Notification
HTTP, FTP, SMTP, Samba

General

Local storage
MicroSD/SDHC card slot

Power
DC12V 1A

Power Consumption
max. 4.5W

Connectors
RJ-45 10BASE-T/100BASE-TX
DC Power Jack

LED Indicator
Power/Wireless/Ethernet/WPS/Privacy

Button
WPS Button
Privacy Mask Button
Reset Button

Operating Temperature
0℃ ~ 50℃

Operating Humidity
10% to 80%, non-condensing

Dimensions
34 x 70 x 105 mm

Weight
108g

Approvals
CE, FCC

Viewing System Requirements
OS: Microsoft Windows 7/Vista/XP
Browser: Internet Explorer 6.x or above
Cell phone: 3GPP player
Real Player: 10.5 or above
Quick Time 6.5 or above

Bundled Software
Bundled with 64-Channel LevelOne IP CamSecure surveillance
management software

Product Diagram

Remote Monitoring via 3G Network

WCS-0030

WCS-0030

Wireless Router

Modem

Internet/ 3G Mobile Network

NAS

Control Console

Remote Monitoring Over the Internet via Own Web Address

Order Information	**WCS-0030:** Wireless Megapixel PIR Lighting Network Camera
Package Contents	WCS-0030
	Power Adapter
	Bracket
	Ethernet Cable
	Quick Installation Guide
	CD Manual / Utility