

# Datasheet\_WCS-2010

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

The WCS-2010 is LevelOne's powerful wireless Internet camera that features pan and tilt functions that enables users to survey a wide range of targets. In order to provide various flexible connection possibilities, the camera can access control data and transmit video streaming either through a 54Mbps wireless network or an Ethernet connection. We feature a high CCD sensor quality image with sound provided by a built-in microphone to generate streaming video in MPEG-4 (Short Header Mode) format. With its embedded web server, the camera can be remotely controlled from a standard web browser through the Internet.

LevelOne's WCS-2010 allows the administrator to monitor up to 16 channels simultaneously and the imbedded software can also simulate a camera zoon function to record ideal images up to 704 x 480 pixels. For a cost-effective and full-featured surveillance solution to your camera needs, the LevelOne WCS-2010 is absolutely your best choice for building a digital network-monitoring environment.



**WCS-2010**

### Key Features

- Compliant with IEEE 802.11b/g standards
- Supports 10/100 Mbps Ethernet with Auto-MDIX
- Motorized Pan and Tilt via Web remote control
- Supports digital zoom function
- Pan: Range 270 degree
- Tilt: Range 90 degree
- High-quality CCD sensor integrated
- Supports strongly wireless security including 64/128-bit WEP, WPA, 802.1x
- Supports UPnP for Easy setup and installation
- Friendly GUI for easy configuration
- Built-in omni-directional microphone
- AV-Out to external monitor
- Supports DDNS for dynamic IP
- Bundles 16-channel monitoring software

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## Technical Specification

### Networking

- **Standards Compliance**  
IEEE 802.3/u;IEEE 802.11b/g
- **Frequency**  
2.4~2.479MHz
- **Ports**  
1 x RJ-45 10/100 Mbps port
- **Data Rate**  
54, 48, 36, 24, 18,12, 9, 6 Mbps  
11, 5.5, 2, 1 Mbps

### Video Specification

- **Video Algorithm Support:**  
H.263+ (MPEG4 Short Header Mode)
- **Video Resolution:**
  - Up to 30/25 frames at 176x120 or 176x144
  - Up to 30/25 frames at 352x240 or 352x288
  - Up to 10 frames at 704x480 or 704x576

### Camera Specification

- **Lens**
  - 1/4 inch color CCD sensor
  - Board lens with 4.3mm focal length, F2.0
  - 512x492(NTSC)/512x582(PAL) pixels
  - 1 Lux / F2.0
  - AGC, AWB
  - Electronic shutter: Up to 1/100,000 sec

### Audio

- **Audio Codec**  
24Kbps, 8Kbps(optional)
- **Microphone**
  - Omni-directional
  - Frequency: 20 – 20,000Hz
  - S/N ratio: more than 58dB

### Hardware

- **General I/O**  
1 sensor input(max. 12VDC 50mA)  
1 relay output(max. 24VDC 1A, 125VAC 0.5A)
- **LEDs**  
Dual color status indicator
- **Power**
  - Consumption: near 8.5 W
  - Universal switching power-supply included
  - Adapter input: 100-240VAC, 50/60Hz, 0.4A
  - Adapter output: 12VDC, 1.5A
- **Temperature**  
Operating: 0°C~40°C
- **Humidity**  
Operating: 95% (RH)
- **Dimension**  
104.5mm(L) \* 104.5mm(W) \* 113.6mm(H)
- **Weight**  
NET. 394.8g
- **EMI and Safety**  
FCC, CE

## Product Diagram



WCS-2010 Product Diagram

## Ordering Information

- WCS-2010: 11g Wireless P/T Network Camera