



DCS-1000 Internet Camera and DSC-1000W Internet Camera with 11Mbps Wireless LAN.

Internet Camera

The DCS-1000 series Internet Camera is a standalone system connecting directly to an Ethernet or Fast Ethernet network. This camera also supports wireless transmission based on the IEEE 802.11b standard.

All-in-one System

This Internet Camera is different from conventional PC cameras in that it is an all-in-one system with built-in CPU and web-based solutions. The camera provides a low cost solution for transmission of high quality video images for monitoring. It can be managed remotely, accessed and controlled from any desktop or notebook PC over the Intranet or Internet via a web browser.

Image Monitoring From Multiple Users

Up to 64 users can log onto the camera at the same time to monitor images. The camera utilizes the JPEG image compression technology, providing high quality images for users. JPEG is adopted since it is a standard for image compression and can be applied to various web browser and application software without the need to install extra software.

Flexible Wireless Transmission Range

Model DCS-1000W camera comes with a wireless LAN interface. The antenna of this wireless camera can be changed for a variety of reasons such as extending the wireless transmission range. Generally the wireless distance can go up to 100 meters indoors and up to 300

meters outdoors. The range are limited by the number of walls, ceilings, or other objects that the wireless signals must pass through. Typical ranges vary depends on the types of materials and background Radio Frequency (RF) noise in your home or business and the configuration setting of your network environment.

Image Capture and Recording

You can capture images both as snapshots of single images or video images from the IPView application supplied with the CD-ROM of the camera.

Indoor Installation

The Internet camera is designed for use indoors. It is not weatherproof, and needs to be equipped with a weatherproof case to be used outdoors.

Connection to Ethernet-based Server

The camera provides a 10/100Mbps port, allowing connection to a Fast Ethernet server. The camera can be connected to a LAN with private IP addresses.

Features

- Stand-alone Internet camera with CPU & RAM, no need to attach to PC
- Supports ActiveX control for Internet Explorer, Java applets, Netscape Navigator
- Remote access from web browser for live image viewing
- Operates in Windows, MacOS environments
- Connection to external devices for alarm-based events when trigger is activated
- Implemented for intruder detection with still image capture & e-mail notice
- Powerful IPView software for image capture & video recording

DCS-1000/1000W

Technical Specifications

Internet Camera

Video Specifications

Resolution

640 x 480 pixel

Sensor

1/3" color CMOS sensor

Gain control

Automatic

Exposure

Automatic

White Balance

Automatic

Shutter

Electronics 1/60 ~ 1/15000 secretary

Minimum Illumination

2.5lux@f1.4, 3000K Color

Focal Length

6.0 mm

Aperture

F=1.8

Focus Extent

20 cm - ∞

Lens mounting

Fixed board lens, CS-mount type

Image (Video Setting)

Image compression

JPEG

Frame rate

30fps@QCIF, 20fps@CIF, 3fps@VGA

Compression Rate selection

5 level (Very Low, Low, Medium, High, Very High)

Frame rate setting

1, 5, 7, 15, 20, auto (depends on the video format)

Video resolution

160x120, 320x240, 640x480

Brightness control

Range 1- 128

Contrast control

Range 1- 128

Hue control

Range 1- 128

System Hardware

LAN Connector

One RJ-45 port to connect to 10/100Mbps Ethernet, auto-sensed, wireless

Wireless LAN (DCS-1000W only)

Built-in 802.11b wireless LAN module
(Wi-Fi compliant)

Wireless LAN Modulation Techniques (DCS-1000W only)

Direct Sequence Spread Spectrum (DSSS)

Wireless LAN Frequency Range (DCS-1000W only)

2.4 - 2.497GHz

Transmitter Output Power (DCS-1000W only)

12dBm

Generic I/O Port

4 I/O ports, 2 for input, and 2 for output

LED Indicator

- Power LED (Blue)
- LAN/WLAN Activity LED (Orange)

Slide Switch

LAN/LAN&WLAN/WLAN

Antenna Connectors

2 connectors (DCS-1000W only)

Communication Support

Wireless LAN Encryption

64 bit, 128 bit or OFF

Communication Protocols

HTTP, FTP, TCP/IP, UDP, ARP, ICMP, BOOTP, RARP, DHCP, PPPoE

System Requirements

Browser Support

- Internet Explorer 5.0 or above (ActiveX & JAVA Mode - View Image for windows OS and JAVA Mode-View Image for other OS)
- CPU: Pentium II, 266 MHz or above
- Memory Size: 32 MB (64 MB recommended)
- VGA card resolution: 800x600 or above
- Netscape 6.0 or above (JAVA Mode - View Image)

IPView Application

- Win 98, Win 98 SE, Win 2000, Win Me, Win XP
- Pentium III, 450 MHz or above
- Memory Size of 128 MB (256 MB Recommended)
- VGA card resolution of 800x600 or above

Physical & Environmental

Power Supply

DC 5V/2.4A, switching type

Power Communication

6.5 Watt (1300mA x 5V)

Weight

280 gram

Operating temperature

5°C ~ 50°C

Storage temperature

-25°C ~ 50°C

Humidity

5% ~ 95% non-condensing

EMI Certification

- DCS-1000W: FCC Class A, CE Class A
- DCS-1000: FCC Class B, CE Class B

Ordering Information

Internet Camera

DCS-1000 With 10/100Mbps Fast Ethernet Port

DCS-1000W With 10/100Mbps Fast Ethernet Port + IEEE 802.11b Wireless LAN

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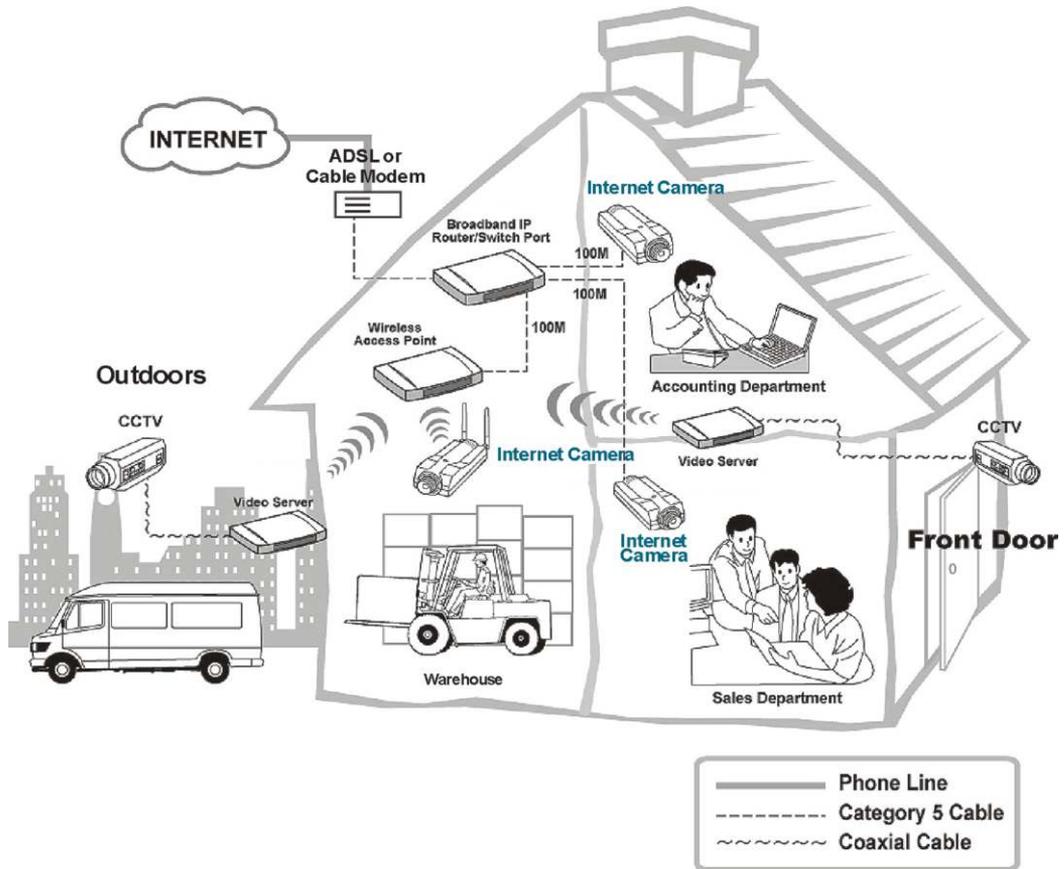
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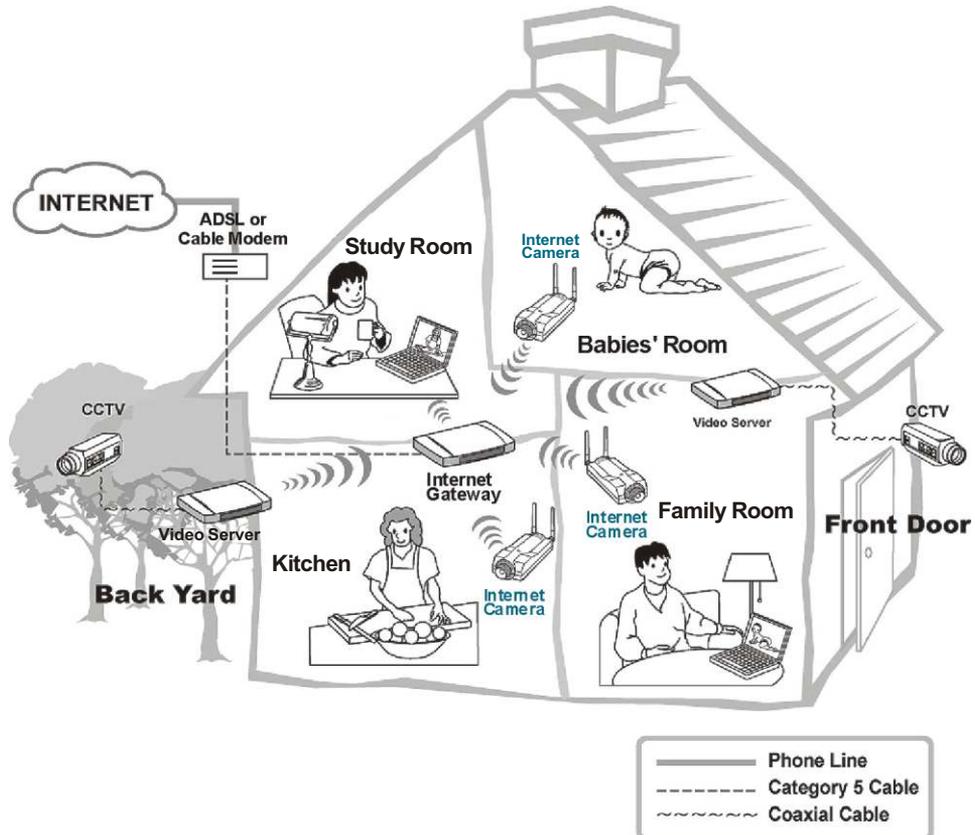


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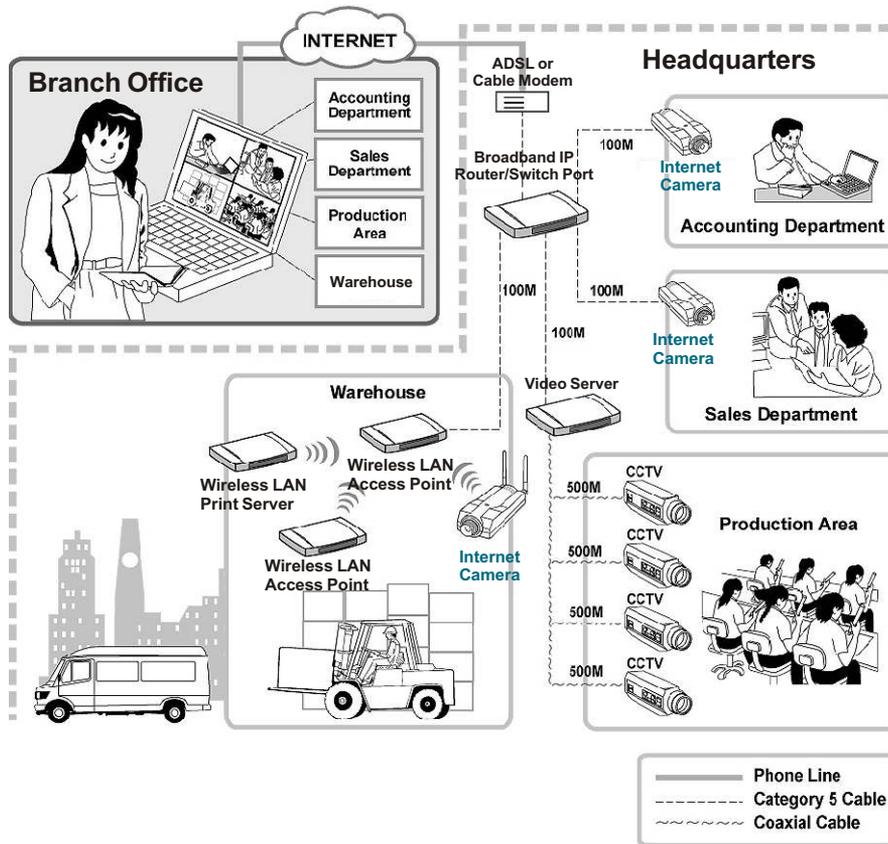
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