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
**Video Specifications**

**Resolution**
640 x 480 pixels

**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

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

**Wireless LAN (DCS-1000/1000W 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)

**System Hardware**

**Power Supply**
DC 5V/2.4A, switching type

**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

**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

**D-Link®**

**Ordering Information**

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

Applications

Internet Camera

SOHO

HOME
Applications

DCS-1000/1000W

Internet Camera

ENTERPRISE

Branch Office

Headquarters

Warehouse

Production Area

Internet

Camera

ADSL or
Cable Modem

Broadband IP
Router/Switch Port

100M

100M

100M

100M

Phone Line
Category 5 Cable
Coaxial Cable

SURVEILLANCE