D-Link®

DCS-1000

DCS-1000W

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

Internet Camera

The DCS-1000W 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 DCS-1000W provides a low cost solution for transmission of high quality video images for monitoring. The DCS-1000W 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 userss can log onto DCS-1000W at the same time to monitor images. DCS-1000W 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
The wireless antenna can be changed for a variety of reasons such as extending the wireless transmission range. Consult your authorized distributors before attempting as the connectors must be SMA connector type. 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 DCS-1000W CD-ROM.

Indoor Installation
DCS-1000W is not weatherproof. It needs to be equipped with a weatherproof case to be used outdoors and it is not recommended.

Connection to Ethernet-based Server
DCS-1000W provides a 10/100Mbps port, allowing connection to a Fast Ethernet server. DCS-1000W can be connected to LAN with private IP addresses.

Firewall Installation
If a firewall exists on the network, port 80 is open for ordinary data communication. However, since DCS-1000W transmits image data, the default port 8481 is also required. Therefore, it is necessary to open port 8481 of the network for remote users to access DCS-1000W.

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

Video specification

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

Generic I/O Port
Four I/O ports, two for input and two for output

Total 8-pin

Pin 1	Input Port (1)
Pin 2	Input Port (1)
Pin 3	Input Port (2)
Pin 4	Input Port (2)
Pin 5	Output Port (1-)
Pin 6	Output Port (1+)
Pin 7	Output Port (2-)
Pin 8	Output Port (2+)

Note: The output voltage is DC 5V and maximum current is 100mA.

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

Note: LED three mode setting can be changed by software. (Normal / Off / Dummy)

Power Supply
DC 5V/2.4A, switching type

Power Communication
6.5 Watt (1300mA x 5V)

Slide Switch
LAN/LAN&WLAN/WLAN

Antenna Connector
2 connectors

Communication Support

Communication
- 10/100Mbps Ethernet only
- 10/100Mbps Ethernet and 802.11b wireless LAN.
- 802.11b wireless LAN only

Encryption
64 bit, 128 bit or OFF

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

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

Operating environment

Operating temperature
5℃ ~ 50℃

Storage temperature
-25℃ ~ 50℃

Humidity
5% ~ 95% non-condensing

EMI Certification
- FCC Class A
- CE Class A
- VCCI Class A

Ordering Information

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

D-Link ®

RECYCLABLE
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