



—— DCS-900W

Wireless Internet Camera for Home/SOHO Security

With Integrated Web Server & Motion Detection

The DCS-900W wireless Internet camera is designed as a cost-effective security system for home and the small office. This camera connects to an 802.11b wireless network and an Ethernet network in a building, or to the broadband Internet. Equipped with a built-in Web server and software for multi-camera monitoring and management, this camera provides a complete system for effective surveillance from anywhere at the local site or via the Internet.

Stand-alone System With Integrated Web Server

This Internet camera comes with a built-in CPU and Web server, providing a low-cost solution capable of solving demanding security and home/office monitoring needs. Its integrated Web server eliminates the need to connect the camera to a computer. Once installed, you use the built-in IP address to gain access to the camera, make changes to camera settings, and view live video.

Web-based Remote Access

For remote security monitoring, you can install your camera at your home or the office, then view the images from anywhere via a computer running Internet Explorer or Netscape. Directly connected to the Internet without going through any computer, this camera is simple to install and can easily integrate with your network environment.

Motion Detected Recording

Instead of recording 24 hours a day, 7 days a week, images can also be recorded only when motions are detected. This saves your disk space and eliminates the time wasted to

view unnecessary images. Images can be directly archived straight to your computer hard drive or to a Network Attached Storage.

Multi-Camera Monitoring

Surveillance software, called "IPView Lite", is included to let you view up to 4 cameras on a single computer screen at one central location. Images can be recorded to your computer's hard drive manually or according to a pre-set schedule.

High-Quality Video

The DCS-900 supports video resolutions at up to 640 x 480 dpi. The camera uses M-JPEG to stream live video at up to 20 frames per second for real-time viewing.

802.11b Wireless LAN and Ethernet Connection

The DCS-900W is equipped with dual LAN interfaces: an 802.11b wireless LAN interface and a 10/100BASE-TX Fast Ethernet interface. This allows you to connect the camera to both a wireless network and a wired network at home or in a building, and to broadband Internet (via a home gateway router).

Key Features

- Stand-alone Internet camera with CPU & RAM, no need to attach to PC
- Simple to use with real-time monitoring
- Local access through Ethernet and 802.11 wireless LAN
- Remote access from web browser
- Operates in Windows and Mac environments
- Surveillance software to control up to 4 cameras
- Motion detection triggered recording or scheduled recording
- Motion JPEG data compression ratio recording
- Implemented for intruder detection with still image capture (snap-shots) & e-mail notice
- Powerful software for image capture & video recording
- Scheduled recording for each camera
- Web-based configuration
- Windows-based Setup Wizard supporting Win98, XP, 2000, ME

DCS-900W

Technical Specifications

Camera Specifications

- 24-bit RGB, 640 x 480 resolution
- 1/3-inch color CMOS sensor, interlace scan mode
- Operating System: RTOS (real-time O.S.)
- Automatic Gain control (AGC) support
- Automatic Exposure (AE) support
- Automatic white balance support
- Signal/noise ratio: 56dB
- Lens mounting: fixed lens

Image (Video Setting)

- Motion-JPEG compression
- Compression ratio: 5 levels
- Maximum image frame rate: 20fps
- Adjustable image size, quality and bit-rate
- Time stamp and text overlay

Communication

- RJ-45 auto-sensing port to connect to 10/100Mbps Ethernet
- Supported communication protocols: HTTP, FTP, SMTP, DHCP, NTP, DNS, DDNS

System Requirement (for Viewing)

- Internet Explorer 5.x or above
- Netscape 6.0 or above

Security

- Administrator and user group protection
- 8-digit password authentication

Led Indicators

- Power
- Activity

Management and Software Update

- Configuration and system log access via Web browser
- Firmware upgrade via TCP/IP
- Reset button

Built-in 802.11b Wireless LAN

Data Rates (Auto Scaling)

- 11 Mbps
- 5.5 Mbps
- 2 Mbps
- 1 Mbps

Modulation Technology (RF)

Direct Sequence Spread Spectrum (DSSS)

Operating Frequency

2.4 - 2.4835 GHz ISM band

Operating Channels

- North America (FCC): 11
- Canada (DOC): 11
- Europe (ETSI): 13

Receiver Sensitivity

@ 8% PER (Packet Error Rate)

- 11Mbps: -81dBm
- 5.5Mbps: -83dBm
- 2Mbps: -86dBm
- 1Mbps: -88dBm

Transmit Output Power

20dBm (typical)

Data Security

64/128-bit WEP (Wired Equivalent Privacy) encryption

Antenna

Dipole detachable antenna (reserve SMA connector)

Operating Range (Open Environment)

- Indoors: Up to 100 meters (328 feet) *
- Outdoors: Up to 300 meters (984 feet) *

* Environmental factors may adversely affect operating range

Internet Camera

Physical & Environmental

AC Adapter Power Input

100 to 240 VAC, 50/60Hz

DC Input

5V / 2.5A

Through external power adapter

Dimensions

66 mm (diameter) x 73 mm (height) (camera only)

66 mm (diameter) x 135 mm (height) (including camera stand)

Weight

270 grams (camera, including camera stand)

Operation Temperature

5° to 50°C

Storage Temperature

-25° to 50°C

Humidity

5% to 95% non-condensing

Emission (EMI) & Safety Certification

- FCC Class B
- CE Class B
- LVD (En60950)



Ordering Information

DCS-900W

Internet Camera (with 802.11b wireless LAN and 10/100BASE-TX interfaces)

Please specify your order as follows:

DCS-900W/ANA

US standard power adapter, North America frequency

DCS-900W/BEU

UK standard power adapter, EU frequency

DCS-900W/EEU

EU standard power adapter, EU frequency

DCS-900W/ENA

EU standard power adapter, North America frequency

DCS-900W/NEU

Australia standard power adapter, EU frequency



Specifications subject to change without prior notice.
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