Setting Up DCS-1000W Camera & Internet Gateway Router

D-Link
Building Networks for People

Configure the Camera with QIG.

Camera Name	Camera Name
Location	Your Location
Admin	Admin ID :
	Admin Password :
	Confirm Password :

Once logged into the camera, on the main menu, click/select System. Enter a Camera Name and Location. You will also be able to assign a Admin Name and Password.

D-Link
Building Networks for People

IP Assignment

IP Assignment

⊙ Manually Assign

  IP Address : 192.168.0.30

  Subnet Mask : 255.0.0.0

  Default Gateway : 192.168.0.1

○ Assign Automatically Using

  ☐ RARP

  ☐ BOOTP

  ☐ DHCP

  ☐ PPPoE

  Service Name :

  User ID :

  Password :

There are two ways to assign an IP address. To configure the DCS-1000W for security purposes, it will be necessary to manually assign an IP address for use behind an Internet Router. The Default Gateway will be the IP Address of the Internet Router's LAN IP Address.

D-Link®
Building Networks for People

Setting up your Wireless Connection and Encryption

DNS IP Address		
	1 :	0.0.0.0
	2 :	0.0.0.0

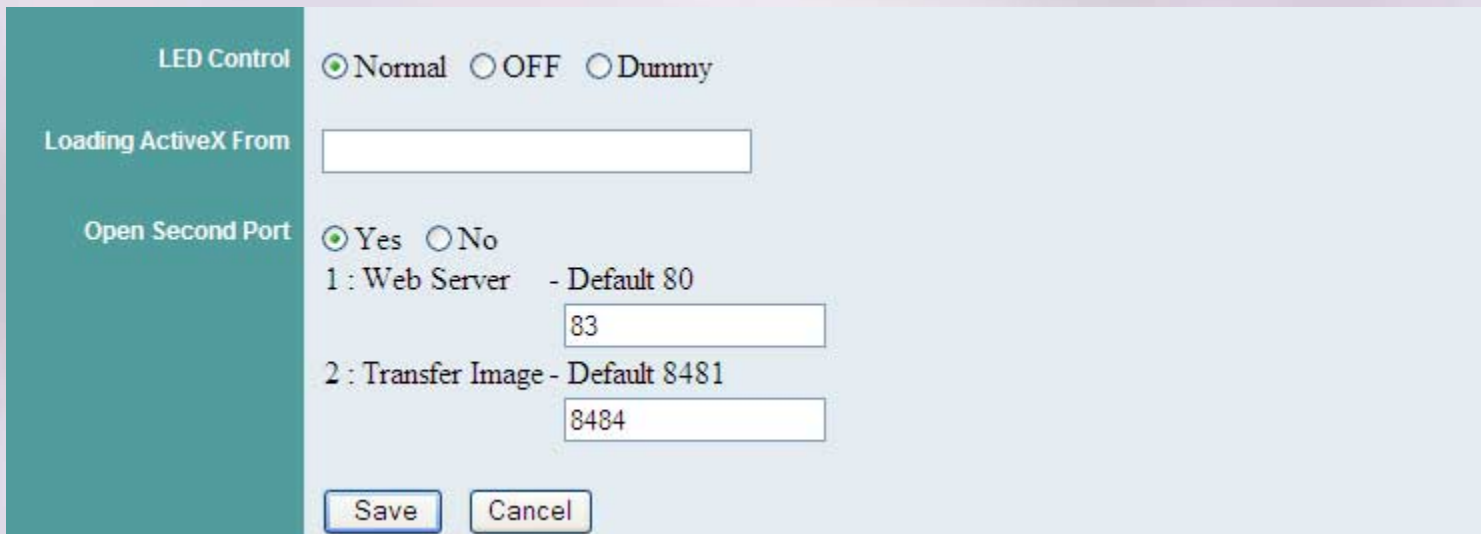**Wireless Interface**

Connection Mode   : ◉ Infrastructure
                      ○ 802.11 Adhoc
                      ○ Adhoc

Network Name   : DCS-1000 Test   (ESS-ID)

Wireless Channel   : 6 ▾

Encryption WEP Key : ●●●●●●●●●●●●●●●●   ○ ASCII ◉ HEX

Confirm WEP Key   : ●●●●●●●●●●●●●●●●

In the "Wireless Interface" section, you will be asked for your "Connection Mode," "Network Name" and "Encryption WEP Key." Choose either HEX or ASCII. Your "Wireless Channel" should also be set.

This information should be written down and saved for configuration of the Wireless Router and other Wireless Cameras.

D-Link
Building Networks for People

Assigning and Opening outside ports.

Opening Outside Ports will allow users to view the Camera Images from inside or outside the Wireless Network. The Web Server Port is a proprietary port used in the IP address from a remote location. (Ex. http://10.80.1.250:83)

LED Control	⦿ Normal ○ OFF ○ Dummy
Loading ActiveX From	
Open Second Port	⦿ Yes ○ No
	1 : Web Server — Default 80
	83
	2 : Transfer Image — Default 8481
	8484
	[Save] [Cancel]

The ports that are opened must be unique for each camera, to successfully view the images from an outside network.

D-Link
Building Networks for People

Security Notification Configuration

These fields control Input Trigger 1 and Trigger 2. Each Input trigger can trigger either or both Output triggers.

SMTP Server Address: Name or IP address of a SMTP Mail Server that the camera can send images to

Sender E-Mail: Name of the Camera/Trigger that sent the mail

Receiver E-Mail: Account Name of person to receive pictures when sensors are activated

Sending Interval: The time between additional sequences of pictures are taken when sensors activated

Sending Times: The number of times the camera takes additional sequences of pictures based on Sending Interval.

Trigger I/O: Enable Output trigger for the specified input trigger

Output # Time: How long the output trigger is activated if Sensor is activated. (i.e.. How long should siren ring?)

☑ Send e-mail attached with image	
SMTP Server Address	: 10.80.1.7
Sender e-mail Address	: SensorSwitch@dcs.com
Receiver e-mail Address	: postmaster@dcs.com
Sending Interval	: 1 Seconds
Sending Times	: 1

☑ Trigger I/O Output
☑ Output 1 Time : 3 Seconds
☐ Output 2 Time : 0 Seconds   **I/O Input Trigger 1**

☑ Send e-mail attached with image	
SMTP Server Address	: 10.80.1.7
Sender e-mail Address	: MotionSensor@dcs.com
Receiver e-mail Address	: postmaster@dcs.com
Sending Interval	: 1 Seconds
Sending Times	: 1

☑ Trigger I/O Output
☑ Output 1 Time : 3 Seconds   **I/O Input Trigger 2**
☐ Output 2 Time : 0 Seconds

D-Link
Building Networks for People

Configure all Cameras that will be used in The Wireless Security Network

Router Set-Up and Installation

Configure the initial settings by following the steps outlined in the DI-614+ QIG. Once logged into the Router, on the main menu, click/select "Wireless."

Wizard   **Wireless**   **WAN**   **LAN**   **DHCP**

D-Link
Building Networks for People

Setting up your Wireless Connection and Encryption

In the "Wireless Interface" section, you will be asked for your SSID ("Network Name") and "Encryption WEP Key." Choose either HEX or ASCII. Your "Wireless Channel" should also be set.

This information should be entered from the notes taken on the configuration of the Wireless Camera.

Currently, D-Link only produces Cameras based on 802.11b. Therefore, 128 bit encryption is the maximum that can be used.

Home	Advanced	Tools	Status	Help

Wireless Settings

These are the wireless settings for the AP(Access Point)Portion.

SSID : DCS-1000 Test

Channel : 6

WEP : ⦿ **Enabled** ○ **Disabled**

WEP Encryption : 128Bit

Key Type : HEX

Passphrase :   Generate

Key1 : ⦿ 2341194936094811 0127062464

Key2 : ○ 0000000000000000 00000000000

Key3 : ○ 0000000000000000 00000000000

Key4 : ○ 0000000000000000 00000000000

Apply Cancel Help

D-Link

Building Networks for People

WAN IP Assignment

There are two ways to assign an IP address. To configure the DI-614+ for security purposes, it will be necessary to manually assign an IP address for use with the Internet Router.

LAN IP Assignment

In this section you will be asked to assign a LAN IP address. This will be the same address as the gateway address in the DCS-1000W. To configure the DI-614+ for security purposes, it will be necessary to manually assign an LAN IP address for use with the Internet Camera.

Local Domain Name entry is optional.

Assigning and Opening Virtual Server Ports.

The Virtual Server Ports must be opened for Internet users to access Internet Cameras from outside the Wireless Network.

Two ports per camera should be opened for each camera on the Wireless Network.

"Scheduling" should be set to "always," so that the camera images can be accessed at any time.

Large quantities of Internet Cameras may require the use of DMZ settings.

The Installation is Concluded

D-Link
Building Networks for People