D-Link
Quick Installation Guide

Standalone Wireless Videoconferencing Over Broadband IP

i2eye DVC-1100

Wireless VideoPhone

Patent Pending

Before You Begin

1. Using the D-Link i2eye™ DVC-1100 Wireless VideoPhone requires a connection to the Internet over a Broadband connection (e.g., a Cable modem or a DSL modem with a router).
2. Attaching a telephone to the DVC-1100 is optional, but highly recommended for optimal sound quality.
3. If you are sharing the Internet connection with another device (such as a PC) you will also need a wireless broadband router or wireless residential gateway.

Check Your Package Contents

i2eye DVC-1100 Wireless VideoPhone Includes Detachable Antenna

Quick Installation Guide and Instruction Manual

Ethernet (CAT5 UTP/Straight Through) Cable

Standard Composite RCA Audio/Video Cable

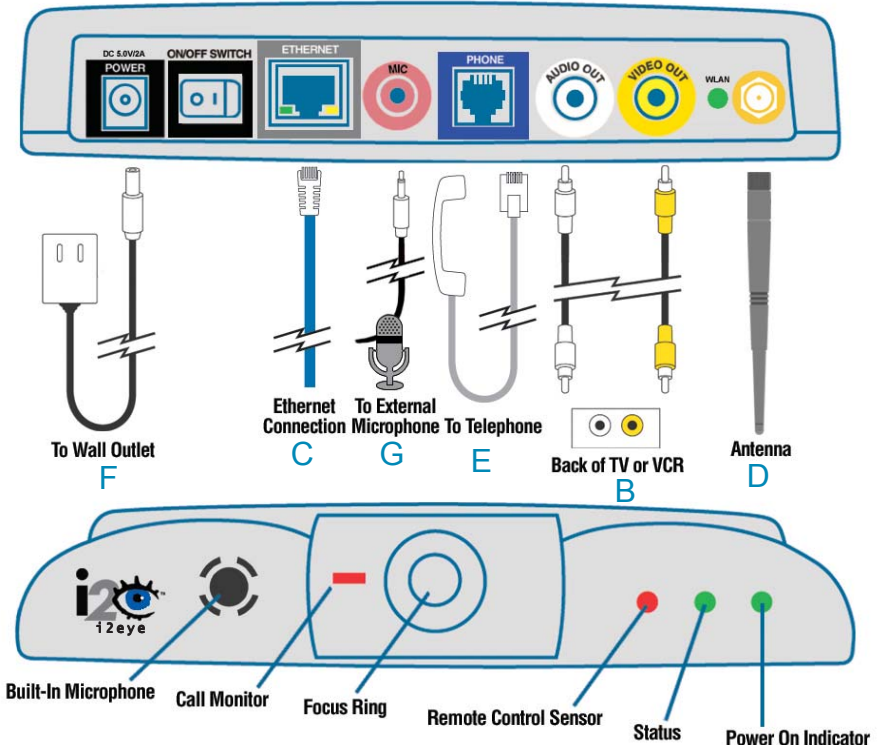**Remote Control**

5V DC, 2A Power Adapter

⚠ Using a power supply with a different voltage rating will damage this product and void the warranty.

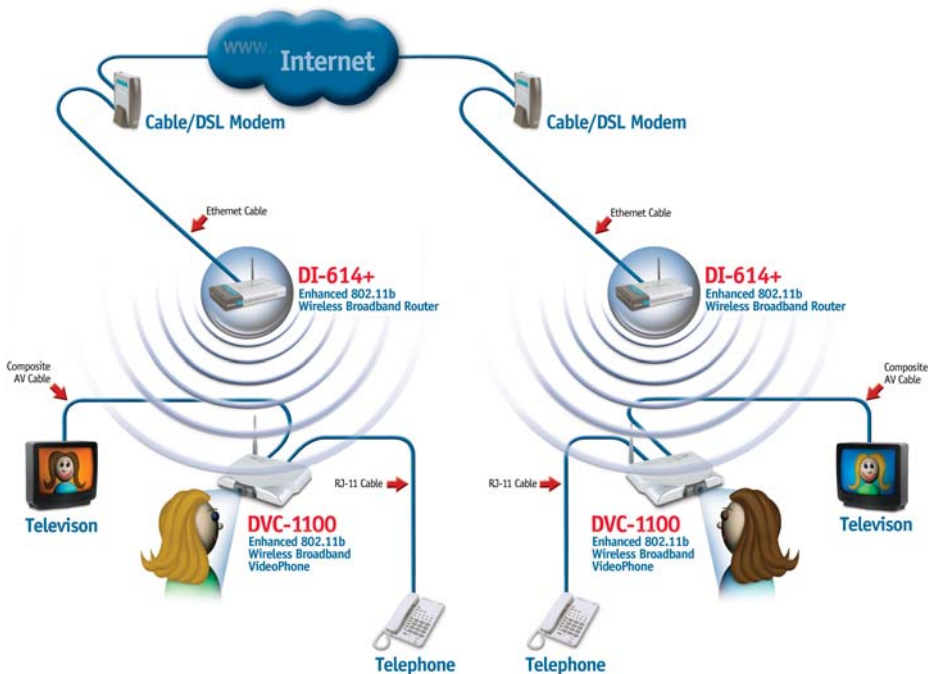# 1 Connecting the DVC-1100 Wireless VideoPhone

A. Place the DVC-1100 Wireless VideoPhone directly on top of a television. To obtain the best viewing experience, the VideoPhone should be 5 to 10 feet away from the intended subject.

B. Attach the supplied audio/video cable to the DVC-1100 and to the matching audio/video jacks on the television or VCR.

C. To connect to a network using an Ethernet cable, attach the supplied Ethernet cable to the DVC-1100 and to the Cable or DSL modem or Ethernet network device (hub, switch or router).

D. To connect using a wireless network, attach the supplied antenna to the DVC-1100.

E. Attaching a telephone is optional, but recommended for optimal sound quality. Attach a standard telephone cable to the telephone and directly to the DVC-1100. **Do NOT attach the telephone to a wall telephone outlet.**

F. Plug the supplied AC power cable into an AC outlet and then into the DVC-1100.

G. Attaching an external microphone is optional, but recommended for optimal sound for a group videoconference.

Back of device panel: POWER (DC 5.0V/2A) · ON/OFF SWITCH · ETHERNET · MIC · PHONE · AUDIO OUT · VIDEO OUT · WLAN

To Wall Outlet — F
Ethernet Connection — C
To External Microphone — G
To Telephone — E
Back of TV or VCR — B
Antenna — D

Built-In Microphone · Call Monitor · Focus Ring · Remote Control Sensor · Status · Power On Indicator

i2eye

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2 Sharing a Broadband Connection With the DVC-1100

When you have completed the steps in this *Quick Installation Guide,* your connected VideoPhone should look similar to this:
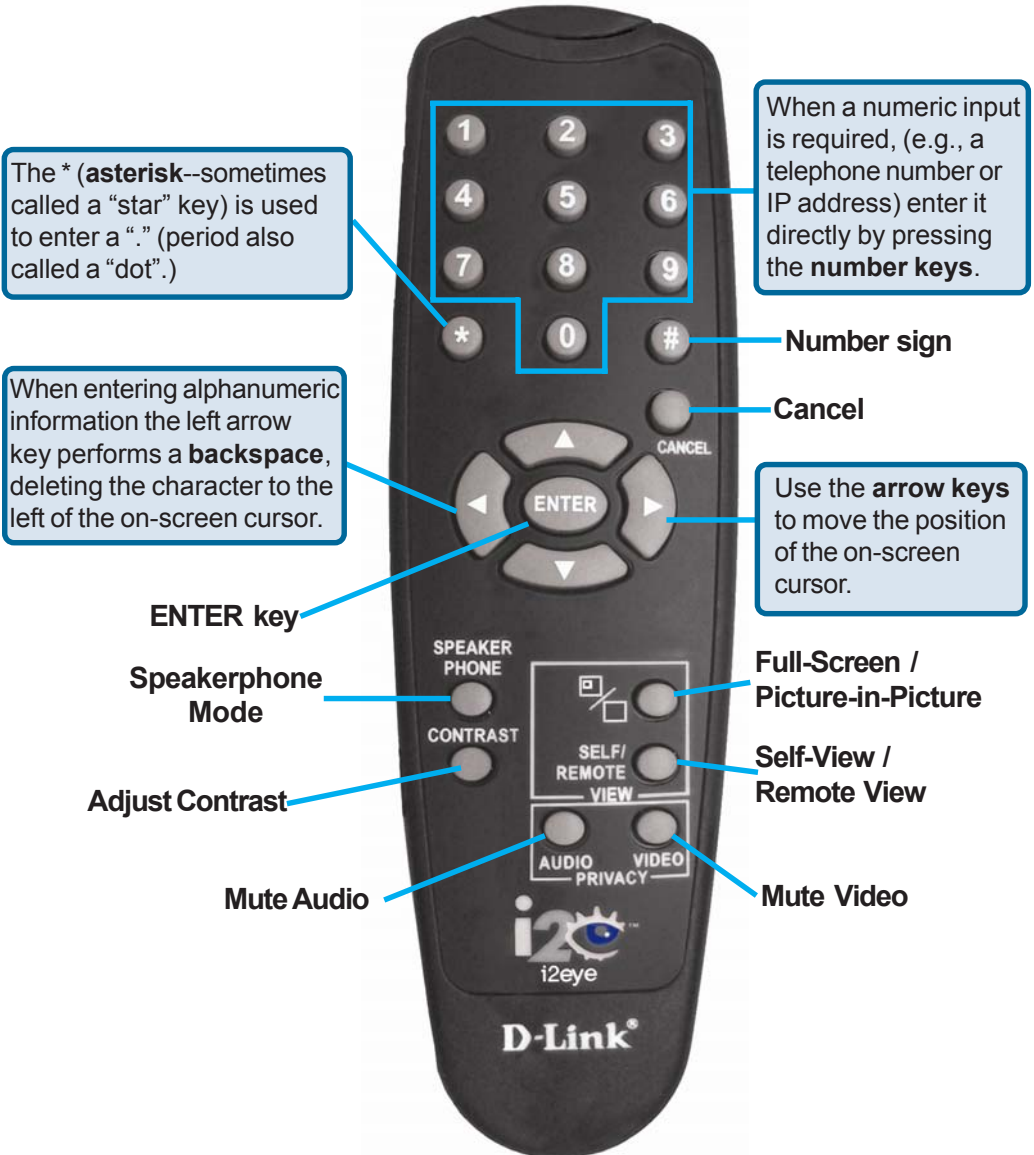

Before using your D-Link DVC-1100 Wireless VideoPhone, you will want to understand the network requirements for this device. If you are using a residential gateway or router and sharing the broadband connection with your DVC-1100, please read the section starting on Page 50 of the manual included with the DVC-1100.
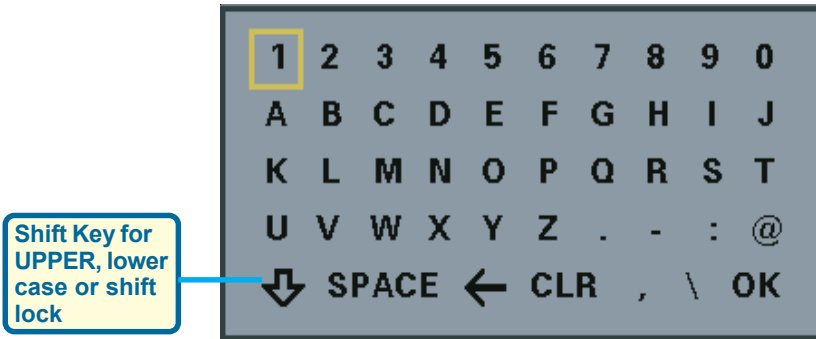
Using the Remote Control

The DVC-1100 Wireless VideoPhone needs to be configured before use. There is an easy to use **Setup Wizard** built into the DVC-1100 to accomplish the configuration.

You will use the Setup Wizard along with the remote control included with the DVC-1100. The remote control is used to enter numbers, characters and to make selections from a keyboard that is displayed on the TV screen.

The * (**asterisk**--sometimes called a "star" key) is used to enter a "." (period also called a "dot".)

When a numeric input is required, (e.g., a telephone number or IP address) enter it directly by pressing the **number keys**.

Number sign

When entering alphanumeric information the left arrow key performs a **backspace**, deleting the character to the left of the on-screen cursor.

Cancel

Use the **arrow keys** to move the position of the on-screen cursor.

ENTER key

Speakerphone Mode

Full-Screen / Picture-in-Picture

Adjust Contrast

Self-View / Remote View

Mute Audio

Mute Video

Using the On-Screen Keyboard

Whenever you need to enter numbers or letters into a Setup screen, press **ENTER** on the remote control and the on-screen keyboard appears:

```
1  2  3  4  5  6  7  8  9  0
A  B  C  D  E  F  G  H  I  J
K  L  M  N  O  P  Q  R  S  T
U  V  W  X  Y  Z  .  -  :  @
⇩  SPACE  ←  CLR  ,  \  OK
```

Shift Key for UPPER, lower case or shift lock

After entering characters or numbers, and to execute a selection, press **ENTER** on the remote. Use the arrow keys to move the cursor on the screen to the desired character. The cursor can wrap around on the right and left side of the keyboard to assist you in "typing" a character quickly.

To remove the keyboard from the screen, highlight the OK key and press ENTER on the remote. Also, the **CANCEL** key on the remote removes the keyboard from the screen, leaving what you typed on the screen.

Using a Telephone with the DVC-1100

In addition to providing optimal sound quality, a telephone:
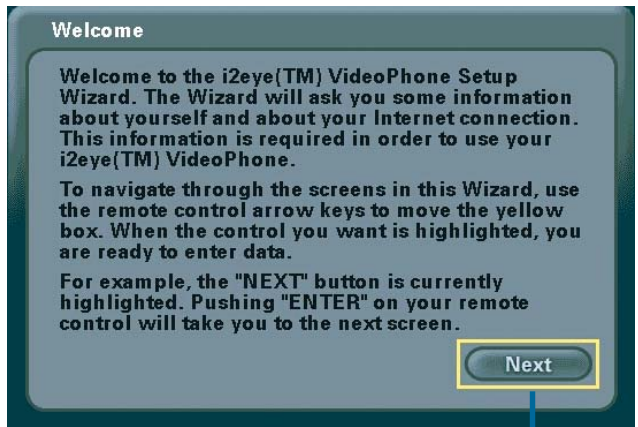
- Can be used to start a videoconference similar to the way you would place a regular telephone call.
- Lets you receive a videoconference call similar to the way you would receive a regular telephone call.

> **You cannot use a telephone plugged into the i2eye VideoPhone to place regular phone calls as the phone would not be connected to a standard phone line. Only VideoPhone calls over the Internet can be made with a telephone connected to the DVC-1100.**

3 The Setup Wizard

Press the power switch on the back of the DVC-1100 and the **Welcome Screen** appears.

Welcome

Welcome to the i2eye(TM) VideoPhone Setup Wizard. The Wizard will ask you some information about yourself and about your Internet connection. This information is required in order to use your i2eye(TM) VideoPhone.

To navigate through the screens in this Wizard, use the remote control arrow keys to move the yellow box. When the control you want is highlighted, you are ready to enter data.

For example, the "NEXT" button is currently highlighted. Pushing "ENTER" on your remote control will take you to the next screen.

Next

Click Next

Personal Information Screen

Enter your name and phone number (consisting of a Country code, Area code and Phone number.)

The **phone number** you enter is one you create for family, friends and others to call you. You can use your regular phone number or make up a new one. The Caller ID function displays this name at the other end of the connection. Your number willl not be visible to anyone else.

Personal Information

Name:

Country code:

Area code:

Phone #:

Previous   **Next**

Click Next

Note: The Country code for the United States and Canada is "1". See Page 74 of the DVC-1100 manual for Country codes of other countries.

3 The Setup Wizard (continued)

Connect to a Wireless Network
(Only if using DVC-1100 in wireless mode. Wireless mode is enabled by default.)

Highlight the SSID of the device you wish to connect to and press **Enter** on the remote control.

Note: The number next to the SSID indicates the signal strength of the available access point on the wireless network.

Wireless Site Survey

☒ **Enable Wireless**

| 47 D-Link i2eye AP |
| 42 Daisy95 |
| 36 SDD3 i2eye |
| 36 ttjj-andy-g |
| 34 ATE-B |
| 33 WHD2 |
| 32 iappG |
| 32 wrgg02_david |
| 32 default |
| 30 Erick_com1 |
| 29 Qoo11g |

Scan

Settings

Previous

Next

Status: Wireless Connection OK

Configure Your Wireless Settings

Note: The wireless settings must match your existing wireless network settings.

Press **Enter** to choose the **Authentication Type** between Open System and Shared Key.

Press **Enter** to choose the appropriate **WEP Type** between 64, 128 or 256 bits.

Press **Enter** to select the **Key ID** you wish to use.

Wireless Settings

SSID: D-Link i2eye AP   **Connection OK**

Auth Type: Open System
WEP Type: Disabled
Key ID: None

Keys:
1.
2.
3.
4.

Apply   OK   Cancel

Click OK

Enter the your encryption keys here.

Note: If you have any questions regarding using wireless encryption on the DVC-1100, please refer to DVC-1100 manual on page 13.

The Setup Wizard (continued)

Configure Your Wireless Settings

Wireless Site Survey

☒ **Enable Wireless**

Site survey box highlights the SSID you have already chosen.

47 D-Link i2eye AP
42 Daisy95
36 SDD3 i2eye
36 ttjj-andy-g
34 ATE-B
33 WHD2
32 iappG
32 wrgg02_david
32 default
30 Erick_com1
29 Qoo11g

Scan

Settings

Previous

Next

Once connected, the status message should say "**Wireless Connection OK**"

Status: Wireless Connection OK

Click Next

Connect to an Ethernet Network Using a Cable

(Skip this step if you are connecting to a wireless network.)

Wireless Site Survey

☐ **Enable Wireless**

Uncheck the "**Enable Wireless**" checkbox.

47 D-Link i2eye AP
42 Daisy95
36 SDD3 i2eye
36 ttjj-andy-g
34 ATE-B
33 WHD2
32 iappG
32 wrgg02_david
32 default
30 Erick_com1
29 Qoo11g

Scan

Setting

Previous

Click Next

Next

Status: Wireless Connection OK

Network Address Screen

Choose one of the three available options that best suits your environment. If you are not sure which option will work with your Internet connection, please contact your ISP or network administrator for support.

DHCP is used when connecting directly to a broadband modem that offers dynamic IP addressing or when behind a router/DHCP server that offers static DHCP.

Network Address

☒ DHCP ☐ Fixed IP ☐ PPPoE

IP address: 192.168.0.100
Subnet mask: 255.255.255.0
Gateway: 192.168.0.1

To enter a ".", use the * key on the remote control.

Host name (optional):

MAC: 00:80:c8:26:76:a6

Previous | Next

Click Next

Fixed IP is used when connecting to a broadband connection that offers static IP addressing or when behind a router that is not configured for static DHCP. This choice requires the input of specific IP address information.

Network Address

☐ DHCP ☒ Fixed IP ☐ PPPoE

IP address: 192.168.0.101
Subnet mask: 255.255.255.0
Gateway: 192.168.0.1

To enter a ".", use the * key on the remote control.

Host name (optional):

MAC: 00:80:c8:26:76:a6

Previous | Next

Click Next

3

Network Address Screen (continued)

PPPoE is used when connecting directly to a DSL modem that offers a PPPoE connection. Your user name and password for the PPPoE account must be entered in the provided fields.

Network Address

☐ DHCP ☐ Fixed IP ☒ PPPoE

Username: **jsmith**

Password: **secret**

Gateway:

Host name (optional):

MAC: 00:80:c8:26:76:a6

To enter a ".", use the * key on the remote control.

Previous   Next

Click Next

> **To configure a router to work with the DVC-1100, please see the section starting on Page 50 of the DVC-1100 manual.**

DNS Screen

If you selected Fixed IP in the **Network Address** screen, you will see the screen for setting DNS server addresses. Only the primary DNS is required, although entering both a primary and secondary is recommended.

DNS

Primary DNS: **192.168.0.1**

Secondary DNS:

Previous   Next

Click Next

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3 The Setup Wizard (continued)

Network Speed Screen

Select the type of broadband
Internet connection you use.

Network Speed

Select your connection type from the following list:

Cable Modem	Send: 112000
DSL Modem	Receive: 512000
T1 Connection	

Once you have completed this Setup Wizard, you
may manually customize the send and receive data
rates in the Settings | Network | Speed screen.

Previous   Next

Click Next

System Restart

Warning

To complete the Setup Wizard, your VideoPhone must be
restarted. Select "Yes" to restart now or "No" to change
your information.

Yes   No

Click Yes

Your Setup is Complete!

NOTES

Technical Support

You can find software updates and user documentation on the D-Link website.

D-Link provides free technical support for customers within the United States and within Canada for the duration of the warranty period on this product.

U.S. and Canadian customers can contact D-Link Technical Support through our website, or by phone.

Tech Support for customers within the United States:

D-Link Technical Support over the Telephone:
(877) 453-5465
24 hours a day, seven days a week.

D-Link Technical Support over the Internet:
http://support.dlink.com
email:support@dlink.com

Tech Support for customers within Canada:

D-Link Technical Support over the Telephone:
(800) 361-5265
Monday to Friday 8:30am to 9:00pm EST

D-Link Technical Support over the Internet:
http://support.dlink.ca
email:support@dlink.ca

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