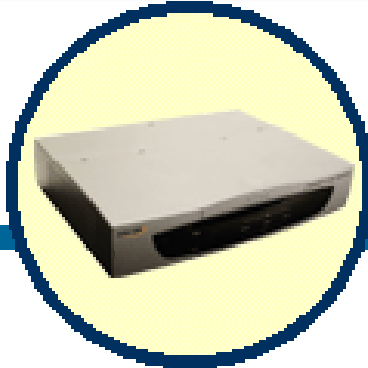# D-Link
Quick Installation Guide

This product can be set up using any current web browser, i.e., Internet Explorer 5x, and Netscape Navigator 4x or above.

DSA-3100
Wireless Service Gateway

Before You Begin

This Quick Installation Guide (QIG) provides instruction for installing the DSA-3100 and Ethernet configuration for other PCs. The former part is going to show how to connect DSA-3100 with other Network equipments and Network configuration of DSA-3100. The latter part is a description for configuring Network setting of other PCs on Ethernet to make sure the normal function of whole Network.

Check Your Package Contents

♦ **DSA-3100 Wireless Service Gateway**

♦ **CD-ROM (Containing Manual and Warranty)**

♦ **DSA-3100 Quick Installation Guide**

♦ **Ethernet (CAT5 UTP/Straight-Through) cablex2**

♦ **Ethernet (CAT5 UTP/Cross over) cablex1**

♦ **Console Cable**

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

♦ **5V DC, 3A Power Adapter**

1 Connect the DSA-3100 to Your Ethernet

A、 Ensure the DSA-3100 is power OFF.

B、 Uplink port connection

Please use the Ethernet (CAT 5 UTP/Straight-Through) cable to connect the DSA-3100 and the internal Switch (or Hub) in the **unmanaged network**.
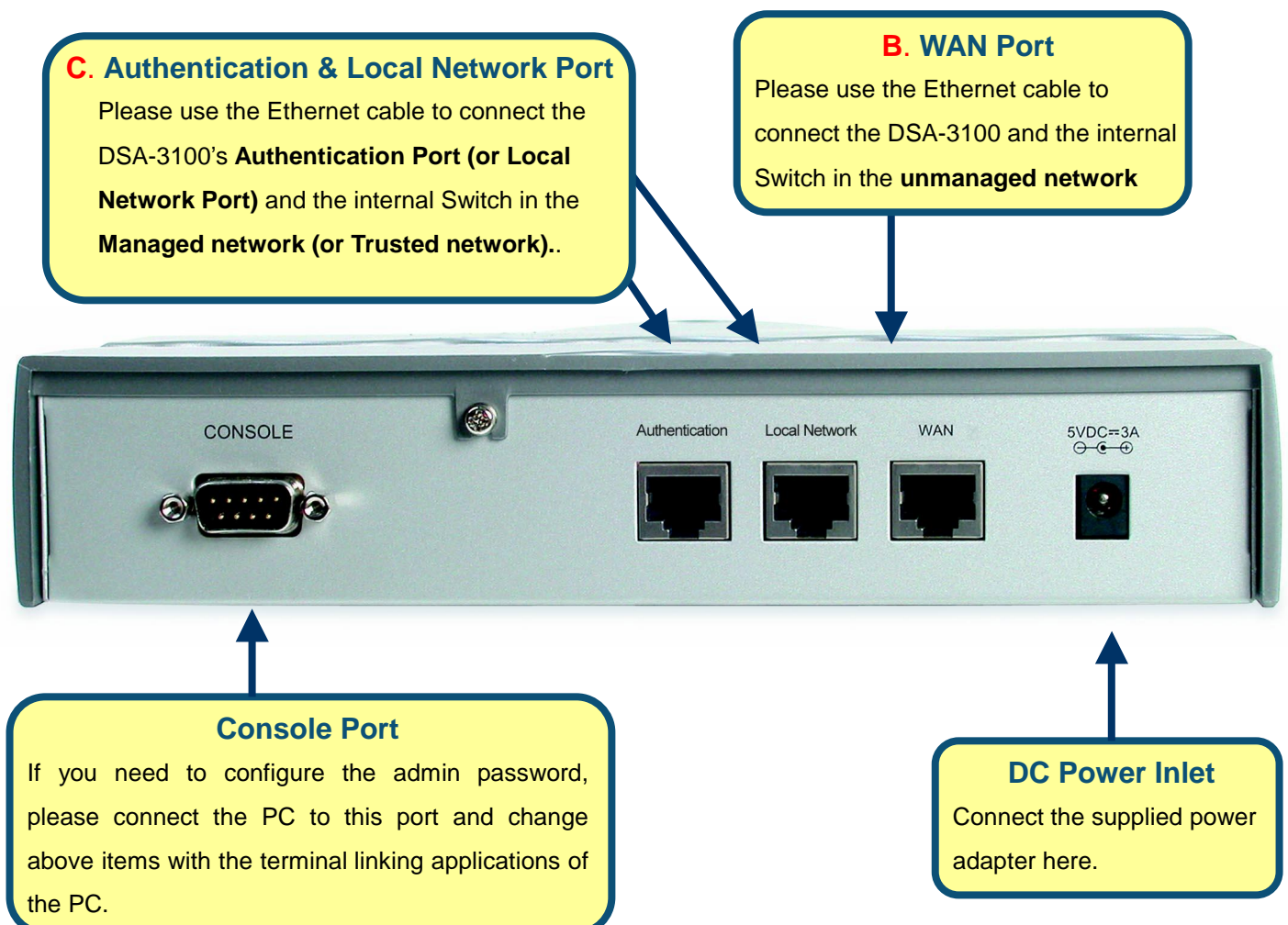
If your Uplink has been connected192 to internal Firewall or Router, please use the Ethernet (CAT5 UTP/Crossover) cable to connect the DSA-3100 to the Firewall or Router.

C、 Authentication & Local Network port connection

Please use the Ethernet (CAT 5 UTP/Straight-Through) cable to connect the DSA-3100's **Authentication Port** and the internal Switch (or Hub) in the **Managed network**.

Use the Ethernet (CAT 5 UTP/Straight-Through) cable to connect the DSA-3100's **Local Network Port** and the internal Switch (or Hub) in the **Trusted network.**

If you want directly connect to the DSA-3100's **Authentication Port (or Local Network Port)** to the PC or the wireless AP, you have to use the Ethernet (CAT5 UTP/Crossover) cable as connection.
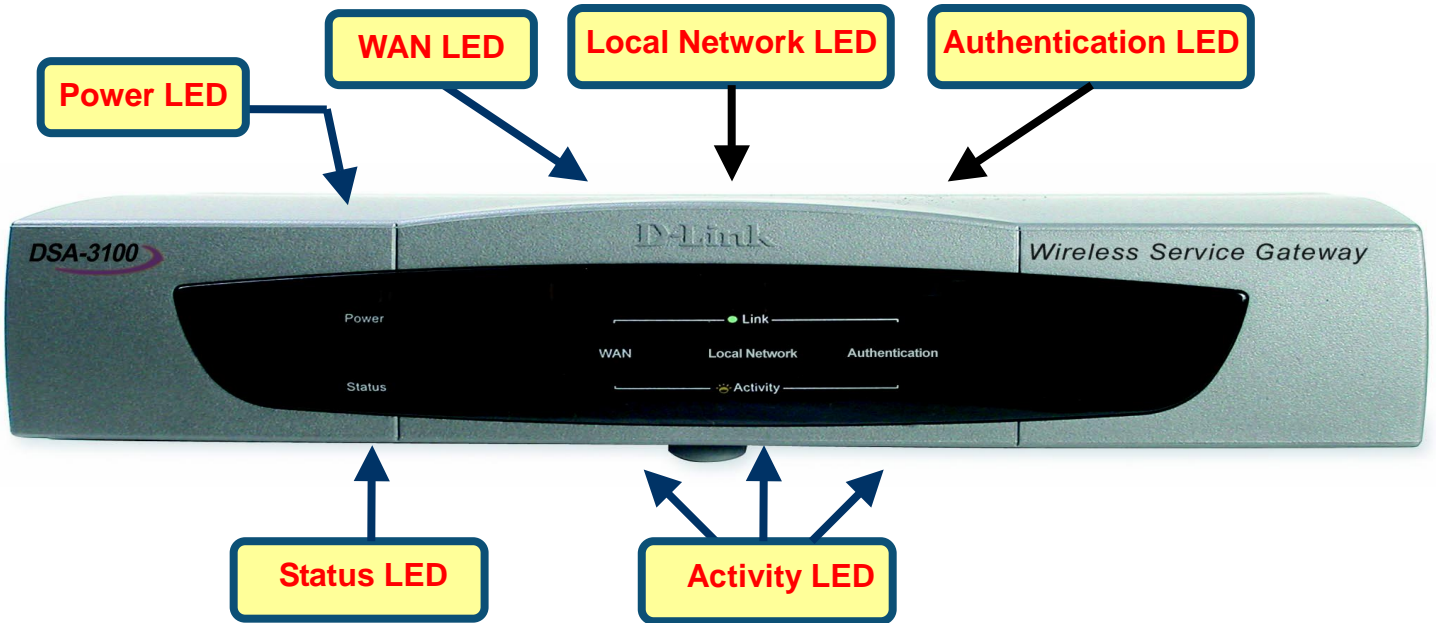
C. **Authentication & Local Network Port**
Please use the Ethernet cable to connect the DSA-3100's **Authentication Port (or Local Network Port)** and the internal Switch in the **Managed network (or Trusted network).**.

B. **WAN Port**
Please use the Ethernet cable to connect the DSA-3100 and the internal Switch in the **unmanaged network**

CONSOLE   Authentication   Local Network   WAN   5VDC⎓3A

Console Port
If you need to configure the admin password, please connect the PC to this port and change above items with the terminal linking applications of the PC.

DC Power Inlet
Connect the supplied power adapter here.

D、Power up

Connect the supplied power adapter to the DSA-3100 and power up.

E、Check the LED

The Power Indicator should be ON. The Authentication Indicator、Local Network Indictor and Uplink Indicator should be ON, if the corresponding Uplink External Port was connected to a Switch(or Hub)、DSL/Cable Modem、Firewall or a Router.

Connection Legend

Here comes a connection legend, you have to connect your **Unmanaged Network** to the DSA-3100's **WAN Port**, then you have to connect DSA-3100's **Authentication port** with your internal Switch or Hub in the **Managed Network**, then you have to connect DSA-3100's **Local Network port** with your internal Switch or Hub in the **Trusted Network**. If you need to connect DSA-3100 with administrator's PC directly, you have to use Cross Line as a connection.
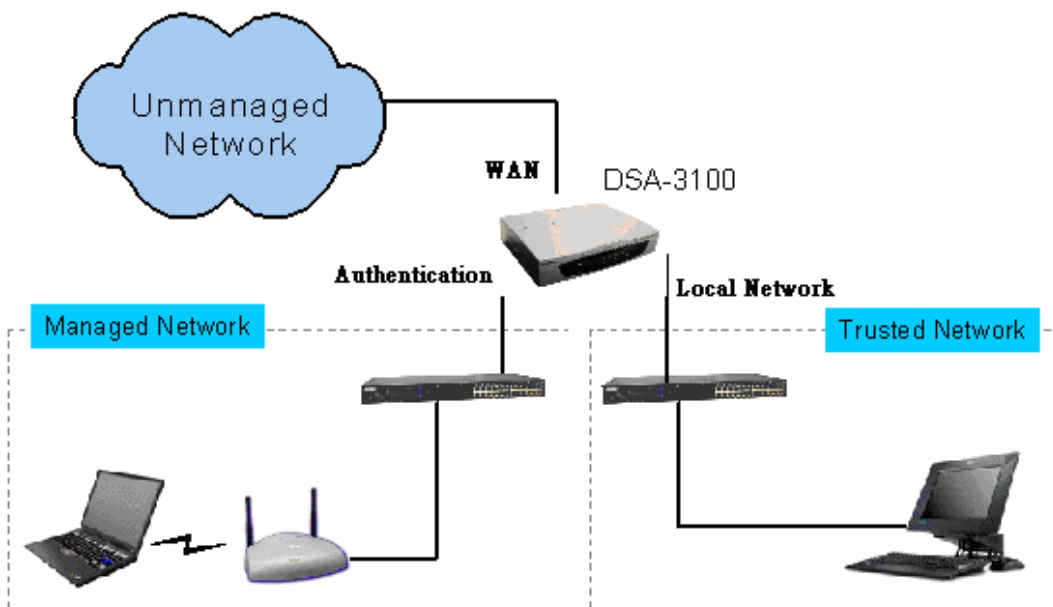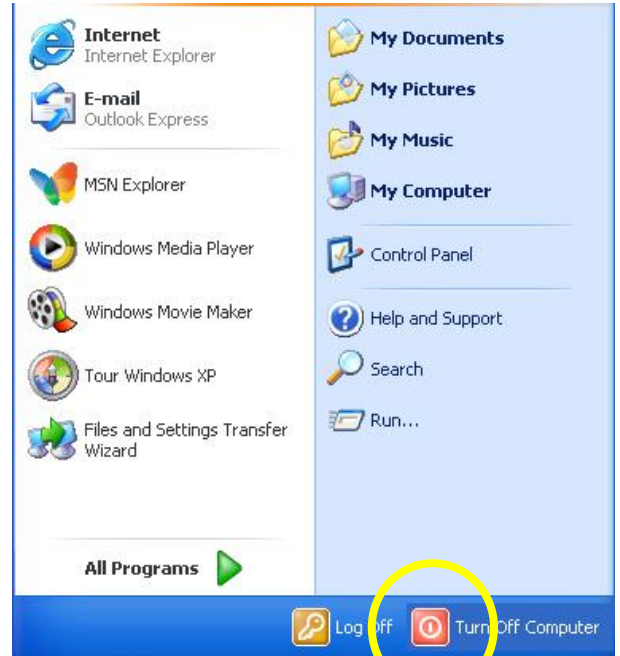
2 Configure PC on Your Ethernet

After DSA-3100 installation, for each PC, the following items may need to be configured:

n **TCP/IP Network Setting**
n **Internet Access Configuration**

A、TCP/IP Network Setting

If administrator's PC uses the default Windows 95/98/ME/2000/XP setting, no changes need to be made. Please restart or reboot the PC. Then DSA-3100 will act as a DHCP Server, automatically providing a suitable IP Address (and related information) to each PC.

Reboot other PCs. For all non-Server version of Window, the default TCP/IP setting is to act as a DHCP client. In Windows, this called Obtain an IP address automatically.

If using fixed IP Address on your LAN, or you want to check your TCP/IP setting, refer to **Appendix - Windows TCP/IP Setup**.

B、Internet Access Configuration

If you hope any PC on Ethernet can link up Internet through DSA-3100, Please make configurations according to different environment by following steps.

For Windows 9x/2000

1. Select Star Menu - Setting - Control Panel - Internet Option.

2. Select the Connection Tab, and click the setup button.

3. Select "I want to set up my Internet connection manually, or I want to connect through a local area Network (LAN)" and click Next.

4. Select "I connect through a local area network (LAN)" and click Next

5. Ensure the entire box on the following Local area network Internet Configuration screen is **unchecked**.

6. Please check the "No" option when prompted "Do you want to set up an Internet mail account now?

7. Click Finish to close the Internet Connection Wizard to complete the setup.
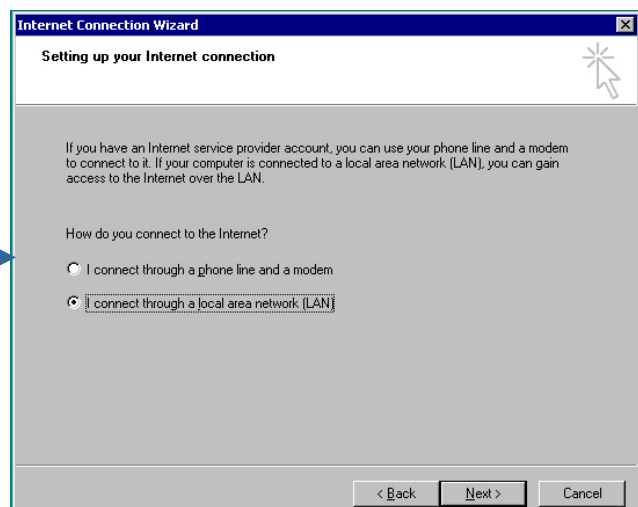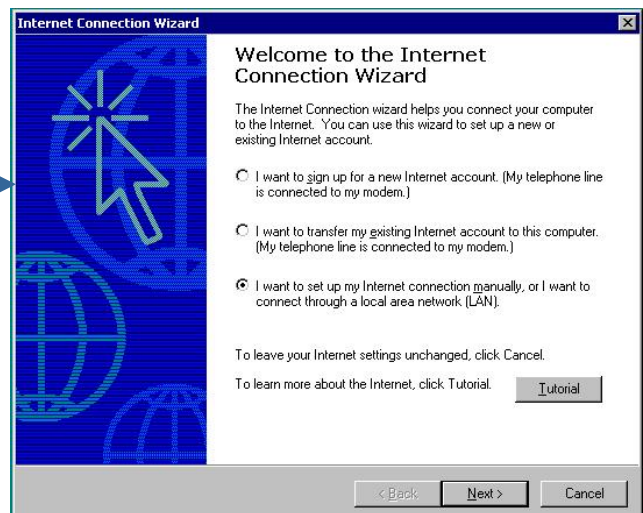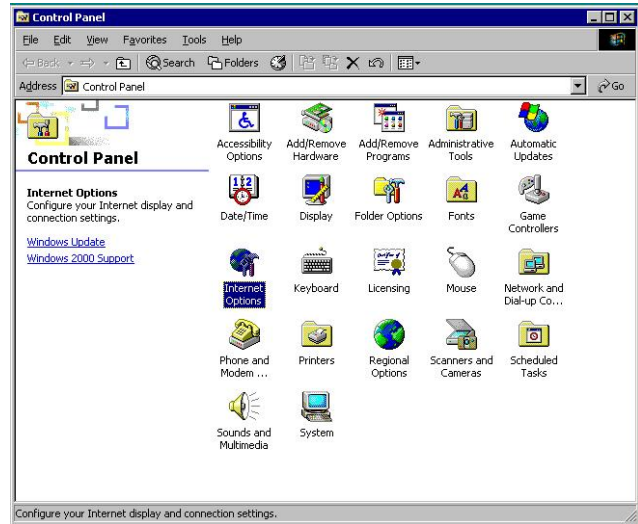
For Windows XP

1. Select Star Menu - Control Panel - Network and Internet Connection.

2. Select Set up or change your Internet Connection.

3. When Internet Properties Dialogue Box pops up, click "Setup" button and click "Next" on the "New Connection Wizard" screen.

4. Select "Connect to the Internet" and click "Next".

5. Select "Set up my connection manually" and click "Next".

6. Check "Connect using a broadband connection that is always on" and click "Next".

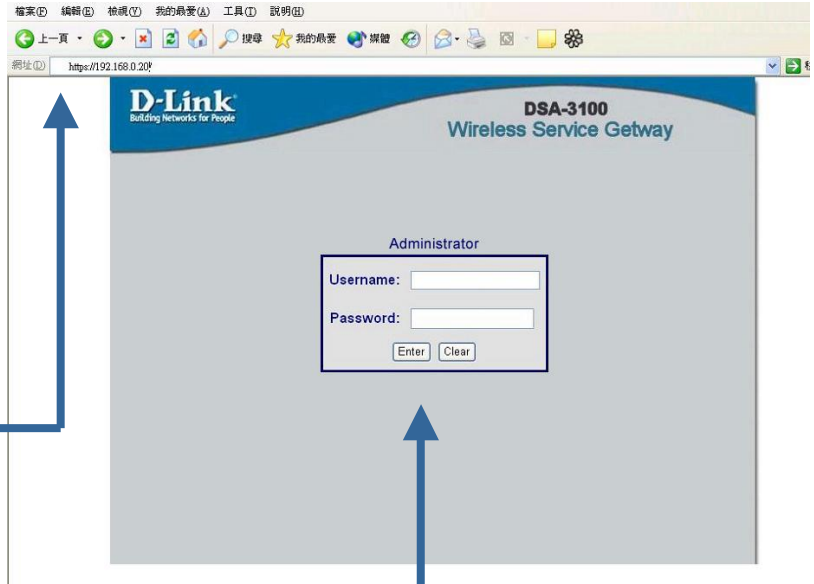7. Click Finish to close the New Connection Wizard to complete the setup.
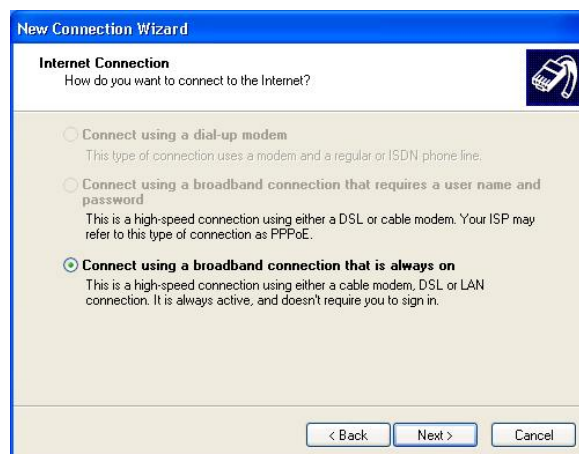
③ **For Further Configuration**

A、**Open WEB Browser**

If you have done above installation and configurations, please open WEB Browser like Microsoft Internet Explore and enter the administrator's URL. For example, please enter "https://192.168.0.40" in the Address or Location Box.
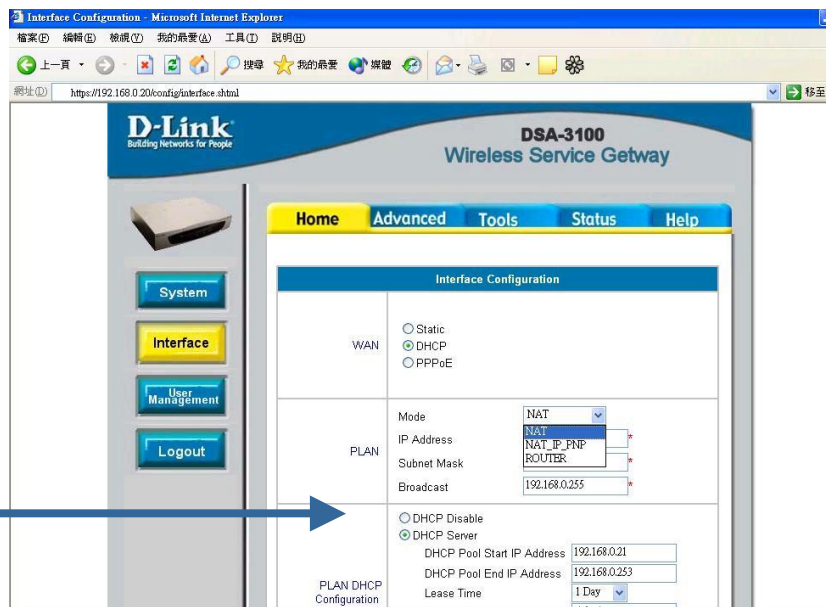
B、**Enter the Username and Passwords**

When entering the URL, you'll find the following dialogue box on screen. Please enter "admin" in the "Username" column and enter "admin: in the "Password" column.

C、**Network Configuration**

When WEB management interface of DSA-3100 pops up, please refer to DSA-3100 User Manual in Product Package for further network configurations.

Appendix - Windows TCP/IP Setup

Before ensure your TCP/IP settings correct, please check DSA-3100's IP Address with your network administrator, and ask your ISP for DNS Address or Address before making the following changes.
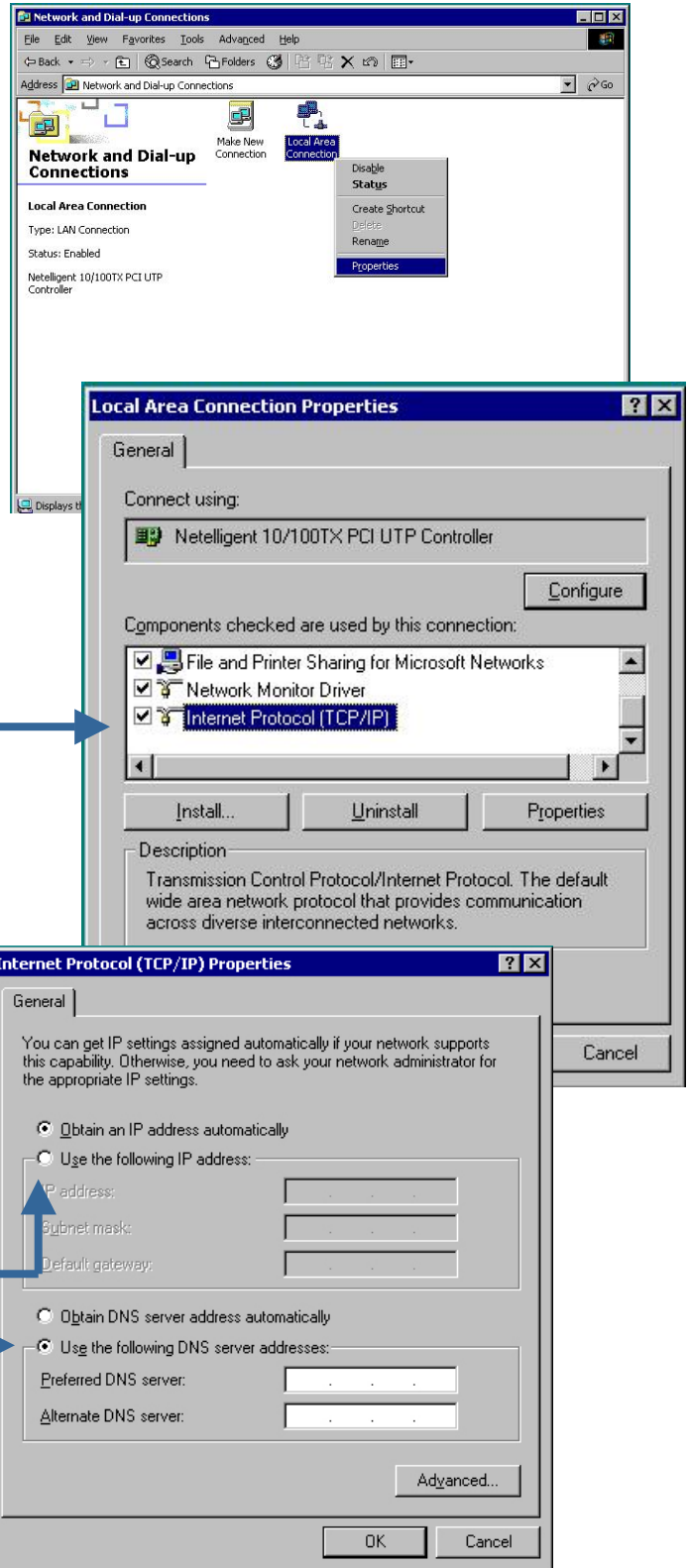
A、Checking TCP/IP Settings - Windows 9x/ME

1. Select "Control Panel" -"Network and Dial-up Connections", then click "Properties".

2. Select the TCP/IP protocol for your network card.

3. Click on the Properties button.

4. If the DNS Server fields are empty, select Use the following DNS server addresses, and enter the DNS address or addresses provided by your ISP, then click OK.

5. On the Gateway tab, enter the DSA-3100's IP address in the New Gateway field and click Add. (Your LAN administrator can advise you of the IP Address they assigned to the DSA-3100.)
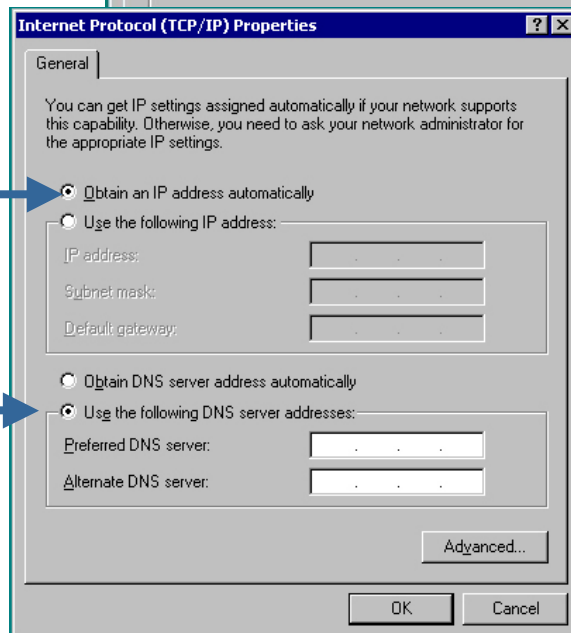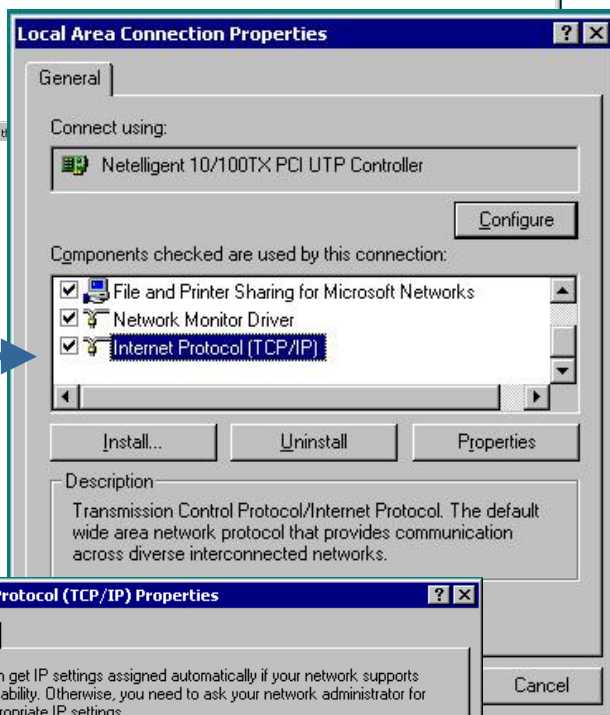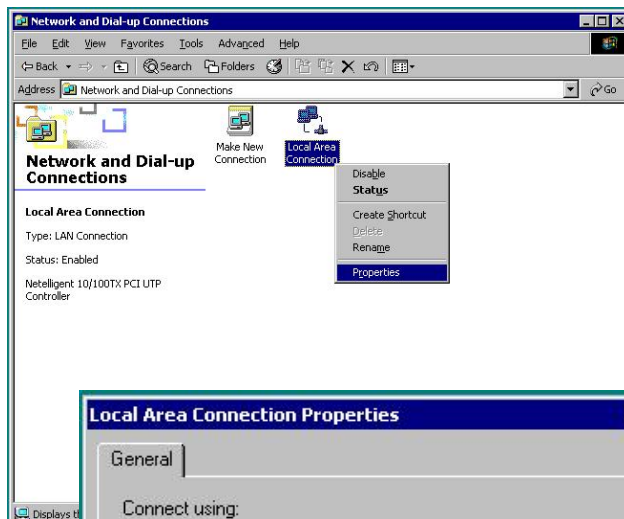
B、Check TCP/IP Setting - Windows 2000

1. Select "Control Panel" -"Network and Dial-up Connections", then click "Properties".

2. Right click the "Local Area Connection" icon and select "Properties", then select the TCP/IP protocol for your network card.

3. Click on the Properties button.

4. If the DNS Server fields are empty, select Use the following DNS server addresses, and enter the DNS address or addresses provided by your ISP, then click OK.

5. On the Gateway tab, enter the DSA-3100's IP address in the New Gateway field and click Add. (Your LAN administrator can advise you of the IP Address they assigned to the DSA-3100.)

C、Checking TCP/IP Setting - Windows XP

1. Select Star Menu - Control Panel - Network Connections and click "Network Connections".

2. **Right click the Local Area Connection icon and select Properties.**

3. **Select the TCP/IP protocol for your network card and click the Properties button.**

4. **If the DNS Server fields are empty, select Use the following DNS server addresses, and enter the DNS address or addresses provided by your ISP, then click OK.**

5. On the Gateway tab, enter the DSA-3100's IP address in the New Gateway field and click Add. (Your LAN administrator can advise you of the IP Address they assigned to the DSA-3100.)
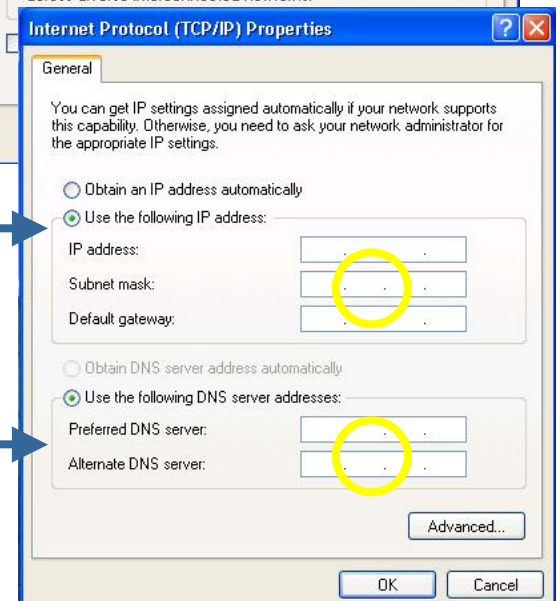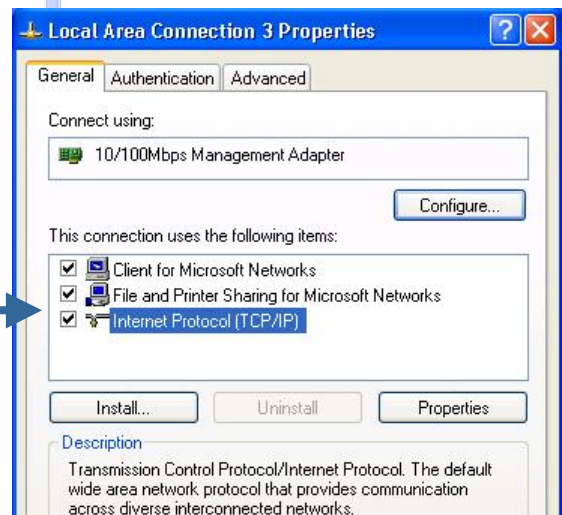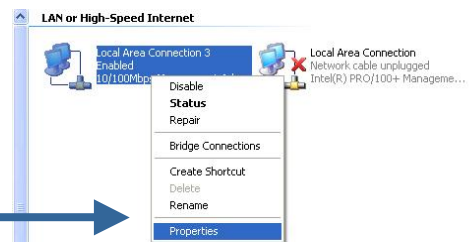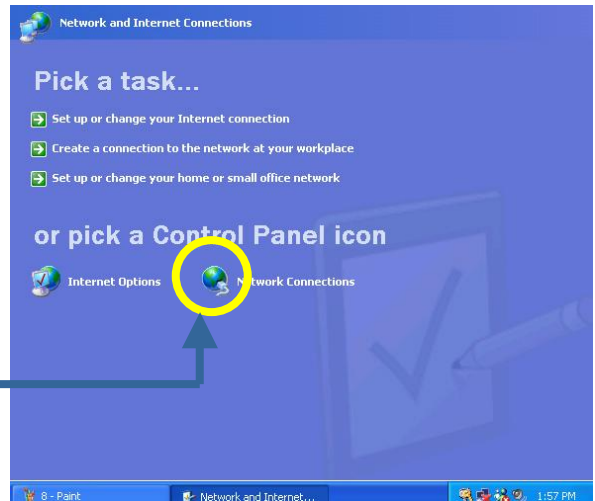
Technical Support

You can find the most recent software and user documentation on the **D-Link** website.

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

U.S. customers can contact **D-Link** technical support through our web site or by phone.

D-Link Technical Support over the Telephone:

(800) 758-5489

24 hours a day, seven days a week

D-Link Technical Support over the Internet:

http://support.dlink.com

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