

NETGEAR®

Installation Guide

NETGEAR Gigabit Smart Switch GS700TPS

Follow these instructions to set up your smart switch. Before proceeding with the smart switch installation, familiarize yourself with the contents of the Resource CD, especially the reference manuals on your Resource CD.

First, Verify Package Contents

- NETGEAR Smart Switch
- Rubber footpads for tabletop installation
- Power cord
- Rack-mount kit for installing the switch in a 19-inch rack
- Installation Guide
- Smart Switch Resource CD with Smart Wizard Discovery and Hardware Installation Guide. (A link to the online Software User's Manual is on the Resource CD.)
- Warranty/Support Information Card

Then, Prepare to Install Your Smart Switch

1. Prepare a PC with an Ethernet adapter and a CD ROM drive.

Next, Install the Smart Wizard Discovery Utility on a PC

1. Insert the resource CD into your CD drive.
2. Run the Setup program to install the Smart Wizard Discovery.
3. The Installation Wizard will guide you through.

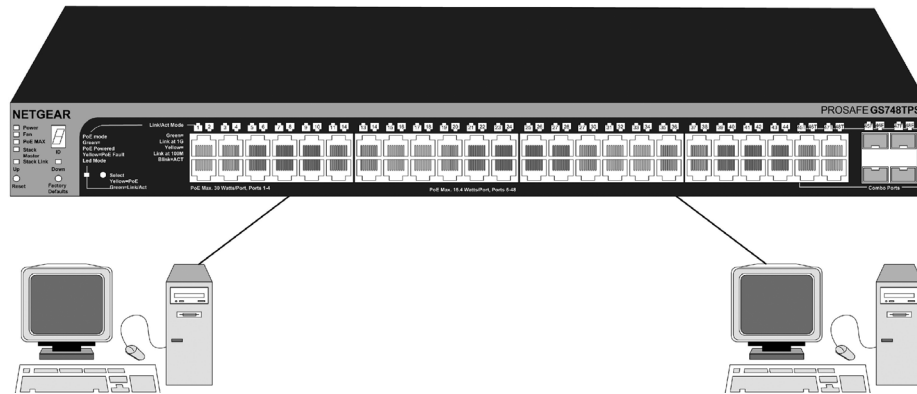
Next, Connect Your Smart Switch in the Correct Order

These instructions assume you are using DHCP in your network. If you are using static IP addressing in your network, configure the switch IP address before connecting it to your network. In the absence of a DHCP server, the switch defaults to 192.168.0.239 for its IP address.

To configure the switch before connecting it to your network, set up the PC with an IP address in the 192.168.0.x subnet, and connect the PC to the switch. Then, use the Smart Wizard Discovery utility as illustrated below to configure the switch.

1. Connect each PC to an RJ-45 network port on the Switch front panel.

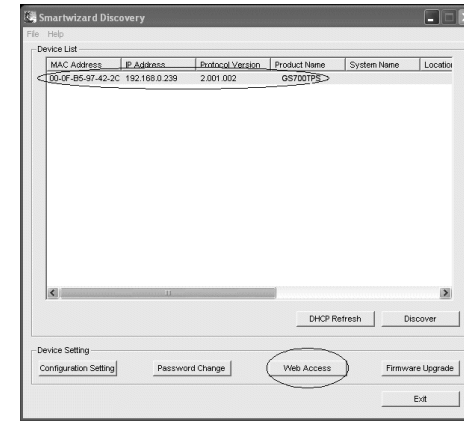
Use category 5 (Cat5) unshielded twisted-pair (UTP) cable terminated with an RJ-45 connector to connect.



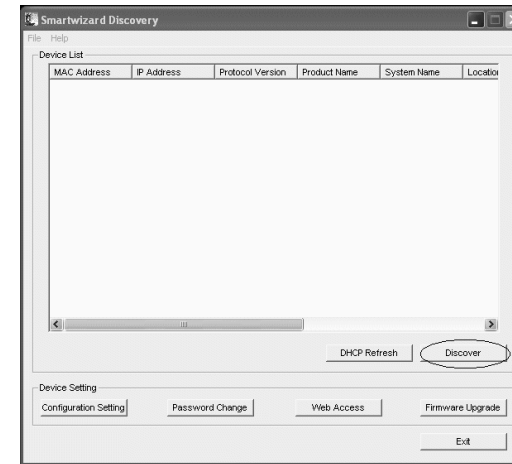
2. Connect the smart switch to your network.
3. Power on the switch.
4. Verify that the PC with the Smart Wizard Discovery utility is on the same subnet as the switch.

Now, Configure the Switch with the Smart Wizard

1. Click Start > Programs and run Smart Wizard



2. Click Discover to find your switch in the network.



3. The Smart Wizard Discovery utility finds the switch and displays its MAC Address, IP Address, and model number. If you cannot configure your switch, verify that the cable connections are secure, that the IP address configuration of the PC is in the same subnet as the switch.

- Click Discover and select the line displaying the details of your switch.

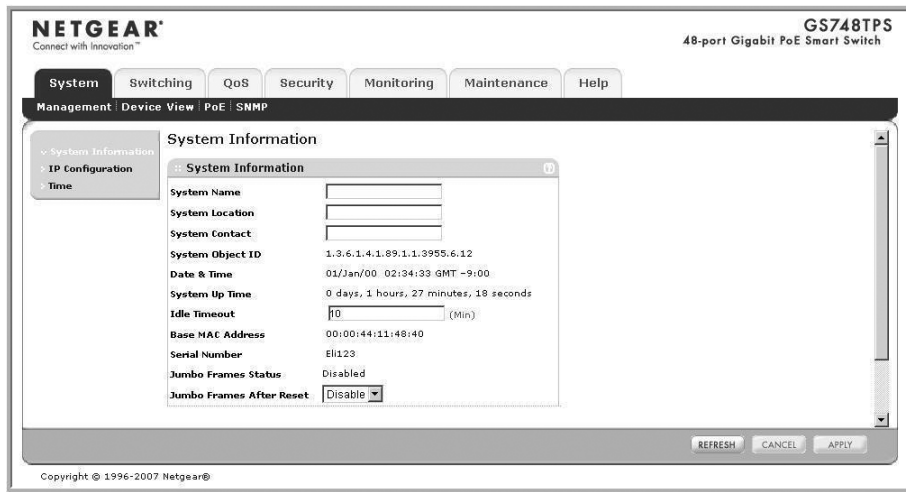
If there are multiple smart switches in your network, ensure you have selected the correct switch to configure.

- Click Web Access to view the switch log in screen



The login screen features a title bar with a double colon icon and the word "Login". Below the title bar is a "Password" label next to a text input field. At the bottom right is a "LOGIN" button.

- Enter the default Password of password in lower case letters and click Login. The Main Web Access Menu display



The main web interface for the NETGEAR GS748TPS 48-port Gigabit PoE Smart Switch. It includes a top navigation bar with tabs for System, Switching, QoS, Security, Monitoring, Maintenance, and Help. Below this is a sub-navigation bar with links for Management, Device View, PoE, and SNMP. The main content area is titled "System Information" and contains a form with fields for System Name, System Location, System Contact, System Object ID, Date & Time, System Up Time, Idle Timeout, Base MAC Address, Serial Number, Jumbo Frames Status, and Jumbo Frames After Reset. At the bottom are buttons for REFRESH, CANCEL, and APPLY.

Troubleshooting Tips

Following are some tips for correcting simple problems you may have.

Be sure to power on your PC and smart switch in the correct sequence.

Follow this sequence:

- Turn off the smart switch and computer.
- Turn on the smart switch and wait two minutes.
- Turn on the computer.

Ensure the Ethernet cables are securely plugged in.

For each powered on computer connected to the smart switch with a securely plugged in Ethernet cable, the corresponding smart switch LAN port status light will be lit.

Ensure the network settings of the computer are correct.

In most cases, computers should be configured to obtain an IP address automatically via DHCP. If your network uses static IP addresses, be sure the switch and computer are configured with valid IP addresses.

Technical Support

Thank you for selecting NETGEAR products.

After installing your device, locate the serial number on the label of your product and use it to register your product at <http://www.NETGEAR.com/register>. Registration is required before you can use our telephone support service. Registration via our website is strongly recommended.

Go to <http://kbserver.netgear.com> for product updates and Web support.. For Warranty and Regional Customer Support information, see the *Resource CD* that came with your product.



This symbol was placed in accordance with the European Union Directive 2002/96 on the Waste Electrical and Electronic Equipment (the WEEE Directive). If disposed of within the European Union, this product should be treated and recycled in accordance with the laws of your jurisdiction implementing the WEEE Directive.

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