NETGEAR[®] Installation Guide

Smart Switch Series

Start Here

Follow these instructions to set up your smart switch.

Prepare to Install Your Smart Switch

- Prepare a PC with an Ethernet adapter and a CD ROM drive.
- Before proceeding with the smart switch installation, familiarize yourself with the contents of the *Resource CD*, especially the manuals.

First, Install the Smartwizard Discovery Utility on a PC

- 1. Power on your PC, let the operating system boot up completely, and log in as needed.
- 2. Insert the Resource CD for the Smart Switch Series into your CD-ROM drive. The CD main page shown below will load.

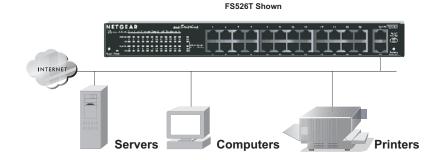


- 3. Click Install SmartWizard. Follow the prompts to complete the installation of the SmartWizard GearDiscovery utility.
- 4. Click **OK** when done.

Next, Connect Your Smart Switch in the Correct Order

Note: 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 will default 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 Smartwizard Discovery utility as illustrated below to configure the switch.

1. Connect the smart switch to your network.



Smart Switch

- 2. Power on the switch.
- 3. Verify that the PC with the SmartWizard GearDiscovery utility is on the same subnet as the switch.

Now, Configure the Switch with the SmartWizard **Discovery Utility**



Smart Switch

FS526T Shown





PC with SmartWizard Discovery Utility

1. Double click the SmartWizard GearDiscovery icon and on your desktop or



in Windows Start menu Programs to run the utility and view this screen.

le Help					
Device List					
MAC Address	IP Address	Protocol Version	Product Name	System Name	Location
<		III			>
]		
				DHCP Refresh	Discover
Device Setting					
Configuration Setti	nal F	assword Change	Web A	ccess	Firmware Upgrade
					Exit
					<u></u>

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

	MAC Address		Protocol Version	Product Name	System Name	Location
	0040f4821bf8	10.1.1.104	2.001.002	FS750T		
	<		Ш			>
					DHCP Refresh	Discover
n	evice Setting					
	Configuration Setti		Password Change	Web A		Firmware Upgrad
	configuration setti	<u></u>	rassword change	VVen A	ICCESS	rinnware opgrau

The SmartWizard GearDiscovery 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, and click the Discover button.

- 3. Click to select the line displaying the details of your switch. If there are multiple smart switches in your network, be sure to select the one you want to configure.
- 4. Click **Web Access** to view the switch log in screen.

Login		
System Name : Location Name : IP Address :10.1.1.104 MAC Address :00-40-f4-82-1b-f8		
Password	Login	\mathbf{D}

5. Enter the default password of **password** in lower case letters and click **Login**. The switch will display the switch settings main page. Configure the switch for your network. Consult the manual on the CD or the online help in the switch for assistance with configuration procedures.



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After you log in to the switch, the main Web Access menu displays.

	NE	TG	EAI	C FS	7501	Sm	art Sw	itch		
System • Switch Status	Sw	iltch Statu	15		F	lefres	h Help			
IP Access List		Product Name						î.		
 Set-up 	Firm	ware Versio	n	V1.0.0-022	5	_				
- Password	Pro	locol Version		2.001.002	-			1		
Switch	DHC	P		Enable						
Port Configuration	IP A	ddress		10.1.1.104						
Statistics	Sub	net mask		255.255.254.0						
- VLAN		Default gateway		10.1.1.13						
= Trunking	MAG	MAC address System Name		00-40-14-82-10-18						
Firmware										
	L'ocation Manie			Lab						
 Configuration Backup 		in Timeout (n	ninutes)	30						
 Factory Reset 	Factory Reset System UpTime			1 days 21 hours 19 mins 27 seconds						
Logout		RT Status								
Copyright © 2003 NETGEAR, Inc. All Rights reserved.	ID	Speed	Flow	qos	Link Status	ID	Speed	Flow	005	Link
An rugans teserred.	01	Auto	Enable	Normal	Down	25	Auto	Enable	Normal	Down
	02	Auto	Enable	Normal	Down	26	Auto	Enable	Normal	Down
	03	Auto	Enable	Normal	Down	27	Auto	Enable	Normal	Down
	04	Auto	Enable	Normal	Down	28	Auto	Enable	Normal	Down
	0.5	Auto	Enable	Normal	Down	20	Auto	Enable	Normal	Down

Use the configuration menu options to configure your switch.

Power Over Ethernet Option

If your switch includes the Power over Ethernet option, such as the FS726TP, you can use it to power Ethernet devices like VoIP desk phones or suitably equipped wireless access points. Simply plug a Cat5 or better cable into the port and the switch will determine if it is safe to provide power along with the data. See the hardware guide for more details.

Troubleshooting Tips

Here 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. First, turn on the smart switch and wait two minutes. Next turn on the computer.

Make sure the Ethernet cables are securely plugged in.

will be lit.

Make sure the network settings of the computer are correct.

In most cases, computers should be configured to obtain an IP address automatically via DHCP. For help with this, please see the animated tutorials on the CD or the *Reference Manual* Appendix C on the CD.

If your network uses static IP addresses, be sure the switch and computer are configured with valid IP addresses.

Technical Support

Register Your Product

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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

Thank you for selecting NETGEAR products.

To register, go to: http://www.NETGEAR.com/register

Go to http://www.NETGEAR.com/support for support information.

respective holders. Information is subject to change without notice.

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