NETGEAR[®]

Installation Guide

Connect with Innovation[™]

NETGEAR ProSafe® Smart Switch XS712T

Package Contents

- NETGEAR ProSafe® Smart Switch XS712T
- Rubber footpads for tabletop installation
- AC power cord
- 19-inch rack-mount kit for rack installation
- Installation quide
- Smart Switch resource CD that includes the Smart Control Center Utility and XS712T Hardware Installation Guide. (A link to the online XS712T Software Administration Manual is on the resource CD.)

WARNING: DO NOT stack equipment, or place equipment in tight spaces, in drawers, or on carpets. Make sure that your equipment has at least 2 inches (5 cm) of air space on all sides.

Configure the Switch

Install the Smart Control Center Utility and use it to configure the switch.

Install the Smart Control Center Utility on a Computer

- 1. Insert the resource CD into your CD drive.
- 2. Run the Setup program to install the Smart Control Center Utility. The Installation Wizard guides you through the installation.

Connect Your Smart Switch

If you have a DHCP server in you network, see Connect the Switch to Your Network.

If you are using static IP addresses in you network, first see Configure the Switch with a Static IP Address, and then see Connect the Switch to Your Network.

Configure the Switch with a Static IP Address

If you are using a static IP address in you network, configure the switch IP address before connecting the switch to your network. The default IP address of the switch is 192.168.0.239.

Note: If you are using a DHCP server in your network, this procedure does not apply to you; instead, go directly to Connect the Switch to Your Network.

- 1. Set up the computer with a static IP address in the 192.168.0.x subnet.
- Connect the computer to the switch.
- Configure the IP address of the switch to match your network configuration. 3.

Connect the Switch to Your Network

1. Connect each computer to an RJ-45 network port on the switch front panel. Use Category 5e (Cat 5e) or better Ethernet cable (Cat 6, Cat 6a, or Cat 7) terminated with an RJ-45 connector to make 10 G connections.

Note: Cat 6a or Cat 7 cables are recommended if cable distance is greater than 45 m (148 ft).



- Connect the switch to your network. 2.
- Power on the switch.
- 4. Verify that the computer with the Smart Control Center Utility is on the same subnet as the switch.

Utility



Configure the Switch with the Smart Control Center

1. Double-click the Smart Control Center Utility icon



SmartControlC on your desktop or in

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

R'							
Mainter	nance T	asks Ad	apter Help	>			QUIT
				Curi	rent Network Ad	apter 10.100.5	.2
C Address	IP Address	System	Location	DHCP	Subnet Mask	Gateway	Firm W 🔻
:2a:01:ae:74	10.100.5.45	NMS200	CEC	Enabled	255.255.252.0	10.100.5.254	6.1.0.1
:e7:86:13:dd	10.100.5.105	NMS200		Disabled	255.255.252.0	10.100.5.254	5.4.1.11
:01:02:02:0b	10.100.5.67	NMS200	CEC	Enabled	255.255.252.0	10.100.5.254	5.4.1.10
:7f:91:5c:9a	10.100.5.19	Cheney		Enabled	255.255.252.0	10.100.5.254	5.3.0.17
l:c7:ac:df:23	10.100.5.29	SR1-CLIENT-1	SR1 - Schrank 1	Disabled	255.255.252.0	10.100.5.254	5.2.0.26
DHCP Ref	iresh	Reboot Device	Web Browser A	lccess	Configure Device	e Change	Password
devices.					Discover	Cancel	Apply

The Smart Control Center Utility finds the switch and displays its MAC address, IP address, and model number.

Product	MAC Address	IP Address	System	Location	DHCP	Subnet Mask	Gateway	Firm W
X\$712T	20:e5:2a:01:ae:74	10.100.5.45	NMS200	CEC	Enabled	255.255.252.0	10.100.5.254	6.1.0.1
G\$748Tv4	00:18:e7:86:13:dd	10.100.5.105	NMS200		Disabled	255.255.252.0	10.100.5.254	5.4.1.11
G\$724Tv3	00:01:01:02:02:0b	10.100.5.67	NMS200	CEC	Enabled	255.255.252.0	10.100.5.254	5.4.1.10
G\$752TS	20:4e:7f:91:5c:9a	10.100.5.19	Cheney		Enabled	255.255.252.0	10.100.5.254	5.3.0.17
GS752TXS	c4:3dic7:ac:df:23	10.100.5.29	SR1-CLIENT-1	SR1 - Schrank 1	Disabled	255.255.252.0	10.100.5.254	5.2.0.26
	DHCP Ref	resh	Reboot Device	Web Browser	Access	Configure Devic	e Change	Password

If the utility does not discover your switch, verify that the cable connections are secure and that the IP address configuration of the computer is in the same subnet as the switch, and click the **Discover** button.

- 3. Click the line for the switch you want to configure.
- 4. Click the Web Browser Access button to view the switch Login screen.

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	Ø
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LOGIN	
	LOGIN

5. Enter the default password of **password** in lower-case letters and click the Login button.

The System Information screen displays.

System Swite	hing Routing	QoS	Security	Monitoring	Maintenance	Help	Index	LOGO
Management Device	View i SNMP i LLDP	Services	Timer Sched	ule				
System Information	System Informa	ation						
IP Configuration IPv6 Network	: System Information ()							
Configuration	Dura durate bioresta		X\$712T	ProSafe 12-Port 10	Gigabit Ethernet (10G	E) Smart		
(Pv6 Network	Product Name		Switch,	6.1.0.1, B6.1.0.1				
Fime	System Name		NMS20	00				
Denial of Service	System Location		CEC					
DNS	System Contact							
Green Ethernet	System Object OID	umber 0 Dhiect DID 1.3.6.1.4.1.4526.100.4.30						
	Date & Time		Jan 1 1	970 00:08:06				
	System Up Time		0 days 0 hours 8 mins 6 secs					
	Base MAC Address	20:E5:2A:01:AE:74						
	: FAN Status					0		
	Unit ID			1				
	Fan 1			ок				
	Fan 2			ок				
	: Temperature St	itus				0		
	<							

6. Configure the switch for your network. For more information, see the XS712T Software Administration Manual.

- ٠
- DHCP.

administration manual.

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 *https://my.netgear.com*.

You must register your product before you can use NETGEAR telephone support. NETGEAR recommends registering your product through the NETGEAR website. For product updates and web support, visit http://support.netgear.com.

resources.

For additional information about setting up, configuring, and using your smart switch, see the software administration manual. You can get the manual online at http://downloadcenter.netgear.com.

For the current EU Declaration of Conformity, visit http://support.netgear.com/app/answers/detail/a id/11621/.

Troubleshooting Tips

Here are some tips for correcting simple problems you might have.

Be sure to power on your computer and switch in the following sequence:

1. Turn on the switch and wait 2 minutes.

2. Turn on the computer and connect to the switch.

Make sure the Ethernet cables are plugged in.

For each powered-on computer connected to the switch, the corresponding switch LAN port status LED is lit.

Make sure the network settings of the computer are correct.

In most cases, computers should be configured to obtain an IP address through

If your network uses static IP addresses, be sure that the switch and computer are configured with valid IP addresses. For more information, see the software

NETGEAR recommends that you use only the official NETGEAR support