NETGEAR®
B U S I N E S S

Installation Guide

48-Port Gigabit Ethernet Unmanaged Switch

Model GS748

Package contents

- Switch
- Power cord (varies by region)
- Rack-mount kit with four rubber feet

1. Register the switch

Registration is required for warranty activation and support. For more information, visit netgear.com/about/warranty.

1. From a computer or mobile device that is connected to the Internet, visit my.netgear.com.
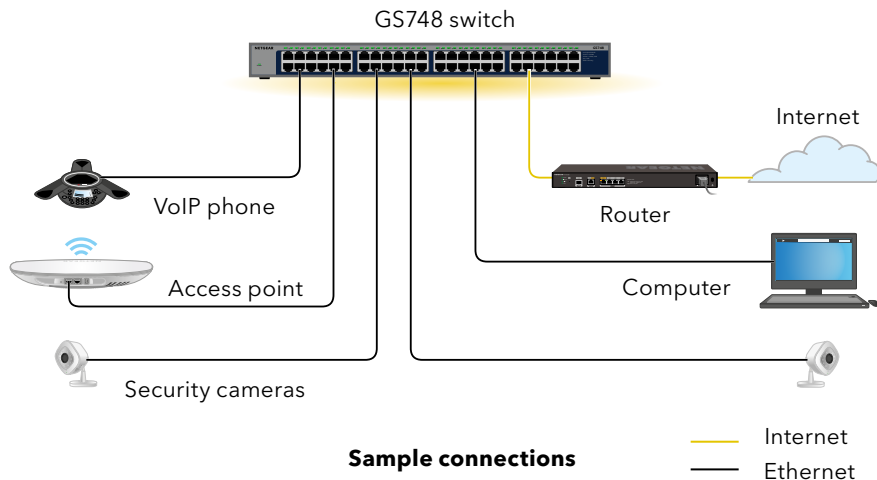2. Log in to your NETGEAR account.

   NOTE: If you don't have a free NETGEAR account, you can create one.
3. From the menu on the left, select Register a Product.
4. In the Serial Number field, type the serial number of your switch.

   The serial number is 13 digits long. It is printed on the switch label.
5. From the Date of Purchase menu, select the date that you purchased the switch.
6. Click the **REGISTER** button.

   Your switch is registered to your NETGEAR account.

   A confirmation email is sent to your NETGEAR account email address.

2. Connect the switch

GS748 switch

Internet

VoIP phone

Router

Access point

Computer

Security cameras

Sample connections

—— Internet
—— Ethernet

1. (Optional) Mount the switch to the wall. For more information, see <u>Mount the switch in a rack</u>.
2. Connect network devices to the ports on the switch using Cat5e (or better) Ethernet cables.
3. Connect any port on the switch to the network (uplink) using a Cat5e (or better) Ethernet cable.

   NOTE: In a small office or home office network, connect the switch to the LAN port of a router that, in turn, is connected to a modem.
4. Power on the switch.

This switch is designed for indoor use only. If you want to connect it to a device located outdoors, the outdoor device must be properly grounded and surge protected, and you must install an Ethernet surge protector inline between the switch and the outdoor device. Failure to do so can damage the switch.

Before connecting this switch to outdoor cables or devices, see <u>kb.netgear.com/000057103</u> for safety and warranty information.

3. Check the LEDs

When you connect the power cord to the switch and plug it into an electrical outlet, the LEDs indicate the status.

LED		Description
Power		**On**: The switch is receiving power.
		Off: The switch is not receiving power.
Port LED		**Green**:1000 Mbps link on this port.
		Blinking: 1000 Mbps activity on this port.
		Amber: 100 Mbps or 10 Mbps link on this port.
		Blinking: 100 Mbps or 10 Mbps activity on this port.
		Off: No link is detected on this port.

Mount the switch in a rack

To mount the switch in a rack, we recommend that you use the brackets and screws that are provided with the switch.

To mount the switch in a rack:

1. Attach the mounting brackets to the side of the switch.
2. Insert the screws through each bracket and into the bracket mounting holes in the switch.
3. Tighten the screws with a No. 2 Phillips screwdriver to secure each bracket.
4. Align the mounting holes in the brackets with the holes in the rack, and insert two pan-head screws with nylon washers through each bracket and into the rack.
5. Tighten the screws with a No. 2 Phillips screwdriver to secure mounting brackets to the rack.

Technical specifications

Specification	Description
Network interfaces	48 Gigabit Ethernet RJ-45 ports that support 1G, 100 M, and 10 M
Power input	100–240 VAC, 1.4A max
Dimensions (W x D x H)	17.3 x 8 x 1.7 in. (440 x 204 x 43.3 mm)
Weight	6.95 lb (3.15 kg)
Operating temperature	32-122°F (0–50°C)
Operating humidity	0%–90% relative humidity, noncondensing
Compliance	FCC class A, CB, CE class A

Support and Community

Visit netgear.com/support to get your questions answered and access the latest downloads.

You can also check out our NETGEAR Community for helpful advice at community.netgear.com.

Regulatory and Legal

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(If this product is sold in Canada, you can access this document in Canadian French at netgear.com/support/download/.)

For regulatory compliance information including the EU Declaration of Conformity, visit netgear.com/about/regulatory/.

See the regulatory compliance document before connecting the power supply.

For NETGEAR's Privacy Policy, visit netgear.com/about/privacy-policy/.
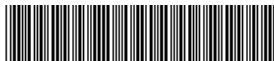
By using this device, you are agreeing to NETGEAR's Terms and Conditions at netgear.com/about/terms-and-conditions. If you do not agree, return the device to your place of purchase within your return period.

Do not use this device outdoors.

NETGEAR, Inc.

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