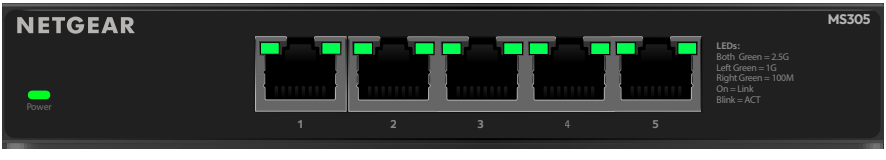
NETGEAR ENTERPRISE

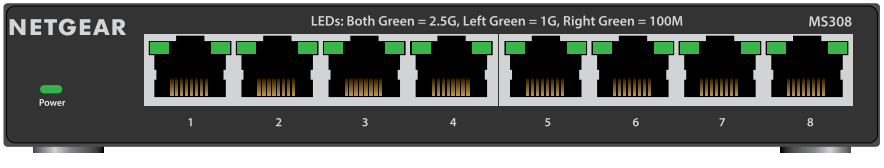
Installation Guide

5-port or 8-port Multi-Gigabit 2.5G Ethernet Unmanaged Essentials Switch

Model MS305v2

Model MS308





Package contents

- NETGEAR 5-port (MS305v2) or 8-port (MS308) Multi-Gigabit 2.5G Ethernet Unmanaged Essentials Switch
- Power adapter (varies by region)
- Wall-mount installation kit
- Rubber feet
- Documentation download flyer

1. Register your 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.

   If you don't have a NETGEAR account, you can create one.

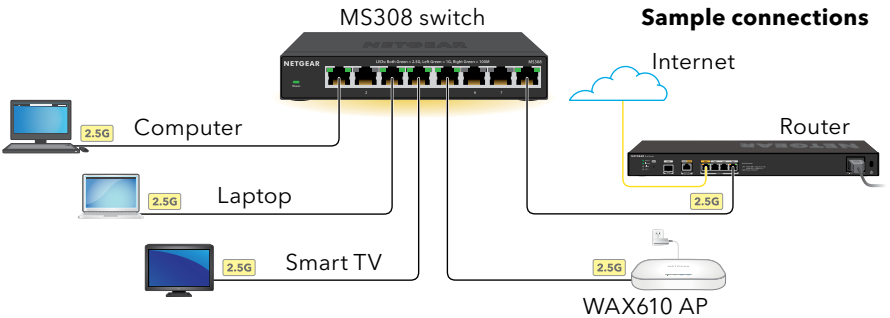
   The **YOUR REGISTERED PRODUCTS** page displays.
3. From the menu on the left, select **REGISTER NEW PRODUCT**.
4. In the **SERIAL NUMBER** field, type the serial number of your switch.

   The serial number is 13 digits long. It is printed on the switch label.
5. From the **PURCHASE DATE** 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



1. Connect network devices to the ports on the switch.

   NOTE: Each connected device requires a power adapter because the MS305v2 and MS308 switches do not provide PoE power.

2. Connect an RJ-45 port on the switch to a network.

   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.

3. Power on the switch.

NOTE: All switch ports support 2.5 Gbps, 1 Gbps, and 100 Mbps. You can connect any device to any switch port. We recommend that you use Category 5e (Cat 5e) cables or higher-rated cables for your connections.

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 each outdoor device. Failure to do so can damage the switch.

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

3. Check the LEDs

When you connect the power adapter to the switch and plug the cable into an electrical outlet, the LEDs indicate the status:

LED	Description
Power LED	 **Solid green**. The switch is powered on and operating normally. **Blinking green**. The switch is starting. **Off**. Power is not supplied to the switch.
Both Port LEDs	 **Solid green**. 2.5 Gbps link on this port. **Blinking green**. 2.5 Gbps activity on this port. **Off**. No link is detected on this port.

LED	Description
Left Port LED only	 **Solid green**. 1 Gbps link on this port. **Blinking green**. 1 Gbps activity on this port. **Off**. No link is detected on this port.
Right Port LED only	 **Solid green**. 100 Mbps link on this port. **Blinking green**. 100 Mbps activity on this port. **Off**. No link is detected on this port.

Mount the switch on a wall

We recommend that you use the wall-mount screws that are included. The screws are 0.25 in. (6.5 mm) in diameter, 0.68 in. (17.4 mm) in length.

1. Locate the two mounting holes on the bottom panel of the switch.
2. Mark and drill two mounting holes in the wall where you want to mount the switch.

   The two mounting holes must be 2.95 in. (75 mm) apart, center-to-center.
3. Insert the supplied anchors into the wall and tighten the screws with a No. 2 Phillips screwdriver.

   Leave about 0.15 in. (4 mm) of each screw protruding from the wall so that you can insert the screws into the holes on the bottom panel.

Technical specifications

Specification	Description
Network interfaces	RJ-45 connectors that support 100BASE-TX, 1000BASE-T, and 2.5GBASE-T
Ports	MS305v2: 5 MS308: 8
Power adapter	MS305v2: 12V @ 1.5A DC input MS308: 12V @ 1.5A DC input
Maximum power consumption	MS305v2: 5.57W MS308: 7.98W
Hardware security	Kensington slot
Dimensions (W x D x H)	MS305v2: 6.2 x 4.0 x 1.06 in. (158 x 101 x 27 mm) MS308: 6.2 x 4.0 x 1.06 in. (158 x 101 x 27 mm)
Weight	MS305v2: 1.06 lb (480 g) MS308: 0.97 lb (442 g)
Operating temperature	MS305v2: 32 to 104° F (0 to 40° C) MS308: 32 to 104° F (0 to 40° C)
Operating humidity	10 to 90% relative humidity, noncondensing
Storage temperature	–4 to 158° F (–20 to 70° C)
Storage humidity	5 to 95% relative humidity, noncondensing
Maximum operating and storage altitude	10,000 ft. (3,000 m)
Electromagnetic certifications and compliance	EMC class B device, FCC, ISED, CE, RCM, VCCI, BSMI, KC
Safety certifications	CB, CE LVD, BSMI, RCM

Support and Community

For product support and to access the latest product firmware, visit netgear.com/support.

Regulatory and Legal

Si ce produit est vendu au Canada, vous pouvez accéder à ce document en français canadien à netgear.com/support/enterprise/.

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

For safety and 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.

Where permitted by law, 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.

This product is designed and warranted for indoor use only. Do not use this device outdoors. The PoE source is intended for intra building connection only.

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