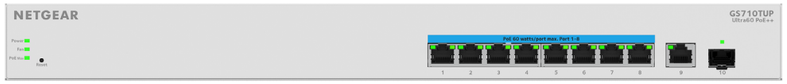
NETGEAR
BUSINESS

Installation Guide

10-Port Gigabit Ethernet Ultra60 PoE++ Smart Managed Pro Rackmount Switch with 1 SFP and 1 Copper Uplink

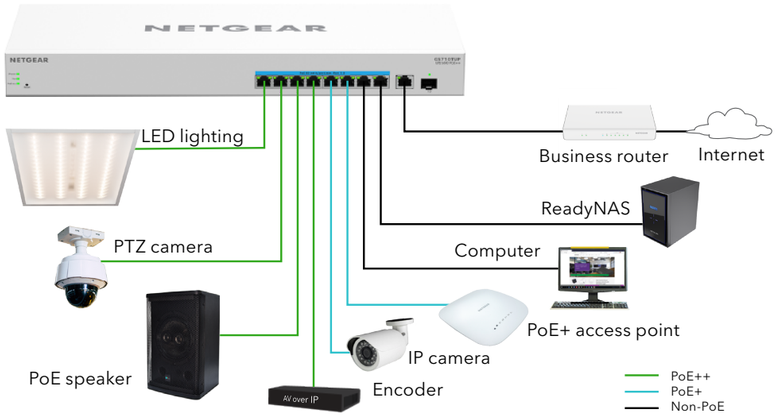
GS710TUP



Package contents

- NETGEAR GS710TUP Switch
- Detachable power cord (varies by region)
- Rack-mount kit and four rubber footpads
- Installation guide

1. Connect the switch



GS710TUP sample connections

Note: Use Category 5e (Cat 5e) Ethernet cables terminated with RJ-45 connectors to make Gigabit connections.

During setup, we recommend that you connect the switch to a network with Internet access. If the network includes a DHCP server, such as a router, the switch is automatically assigned a new IP address. (The default switch IP address is 192.168.0.239.)

2. Check the PoE++ status

PoE++ power is provided by the GS710TUP switch on ports 1-8. The switch can supply up to 60W PoE++ (IEEE 802.3bt) to each port, with a PoE power budget of 480W across all active PoE++ ports.

The PoE Max LED indicates the status of the PoE budget on the switch:

- **Off**. Sufficient. More than 7W of PoE power is available.
- **Solid yellow**. Less than 7W of PoE power is available.
- **Blinking yellow**. At least once during the previous two minutes, less than 7W of PoE power was available.

3. Discover and register the switch

If the switch and your moble device are connected to the same WiFi router or access point and to the Internet, you can use the NETGEAR Insight app to discover the switch in your network.

1. On your mobile device, visit the app store, search for NETGEAR Insight, and download the latest version of the app.

   Download on the App Store GET IT ON Google Play
2. Open the NETGEAR Insight app.
3. If you did not set up a NETGEAR account, tap **Create NETGEAR Account** and follow the onscreen instructions.
4. Enter the email address and password for your account and tap **LOG IN**.
5. Tap + in the upper right corner.
6. Either use the the camera on your phone to scan the serial number bar code located on the bottom of the switch, or enter the serial number.
7. Tap **Go**.
8. Create or select a Network location you would like to add this device into.
9. Follow the onscreen instructions to manage your device with Insight or manage it locally.

   The switch is registered and added to your NETGEAR account. You can now configure the switch.

   For information about how to configure the switch, see the user manual, which you can download from *https://www.netgear.com/support/*.

Change to cloud management mode

By default, the switch is set to Directly Connect to Web Browser Interface, but you can change this setting to cloud management.

1. While you are logged in to the local browser interface, on the System Interface page, select the **NETGEAR Insight Mobile App and Insight Cloud Portal** radio button.
2. In the pop-up window that opens, click the **OK** button.
3. Click the **Apply** button.
4. In another pop-up window that opens, click the **OK** button.

   Your settings are saved and the NETGEAR Business page displays again. The switch is now ready for cloud management.

Other discovery and configuration methods

The NETGEAR Switch Discovery Tool and the Smart Control Center Utility let you discover the IP address and configure the switch.

- **NETGEAR Switch Discovery Tool**. You can use a Mac or a 64-bit Windows-based computer on the same network as the switch. To download this tool, visit *www.netgear.com/support/product/netgear-switch-discovery-tool.aspx*.
- **Smart Control Center Utility**. You can use a Windows-based computer on the same network as the switch. To download this utility, visit *www.netgear.com/support/product/SCC*.

PoE considerations

PoE, PoE+ and PoE++ power supplied by the switch has a total power budget of 480 watts. Each PoE++ port can provide up to 60W power.

You can override the detected device class and specify the power allocation for the device connected to each port. The following table shows the standard power ranges without overrides applied and calculated with the maximum cable length of 328 feet (100 meters).

Device class	Standard	Class description	Maximum power supplied from the switch	Power delivered to the device
0	PoE, PoE+ and PoE++	Default power (full)	15.4W	0.44W–13.0W
1	PoE, PoE+ and PoE++	Very low power	4.0W	0.44W–3.84W
2	PoE, PoE+ and PoE++	Low power	7.0W	3.84W–6.49W
3	PoE, PoE+ and PoE++	Mid power	15.4W	6.49W–13.0W
4	PoE+ and PoE++	High power	30.0W	13.0W–25.5W
5	PoE++	Ultra high power	45.0W	25.5W-40.0W
6-8	PoE++	Ultra high power	60.0W	40.0W-51.0W

If a device receives insufficient PoE power from the switch, consider using a shorter cable.

Support

Thank you for purchasing this NETGEAR product. You can visit *https://www.netgear.com/support/* to register your product, get help, access the latest downloads and user manuals, and join our community. We recommend that you use only official NETGEAR support resources.

Si ce produit est vendu au Canada, vous pouvez accéder à ce document en français canadien à *https://www.netgear.com/support/download/*.
(If this product is sold in Canada, you can access this document in Canadian French at *https://www.netgear.com/support/download/*.)

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

See the regulatory compliance document before connecting the power supply.

Do not use this device outdoors. If you connect cables or devices that are outdoors to this device, see *https://kb.netgear.com/000057103* for safety and warranty information.

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