**Package contents**

- NETGEAR GS110TUP switch
- DC power adapter (varies by region)
- Rubber footpads for tabletop installation
- Rack-mount kit for rack installation
- Wall-mount kit (the wall-mount screws are 6.5 mm in diameter and 16 mm in length)
- NETGEAR GS110TUP switch

**NETGEAR GS110TUP switch**

This switch is designed for indoor use only. If you want to connect 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.

**WARNING:**

**Note:**

For information about installation, see the hardware installation guide, which you can download by visiting www.netgear.com/support/

**Power on the switch and wait two minutes.**

To use an SFP port, you must insert an SFP transceiver module, which you can automatically assigned a new IP address.

1. Connect the switch to your network as the switch. To download the SCC, visit www.netgear.com/support/product/netgear-switch-discovery-tool.aspx.

2. Open the NETGEAR Insight app.

3. If you do not have a NETGEAR account, tap Create NETGEAR Account and follow the onscreen instructions.

4. Enter the email address and password for your NETGEAR account and tap LOG IN.

5. Follow the onscreen instructions to complete the registration of the switch.

6. To discover the IP address of the switch, use the NETGEAR Insight app or another discovery method (see another method to discover the switch).

7. Use another method to discover the switch.

The switch can supply up to 60W PoE+ (IEEE 802.3bt) to each PoE+ port (1-4), and up to 30W PoE+ (IEEE 802.3af and 802.3at) to each PoE+ port (5-8). The maximum PoE power budget across all active PoE+ and PoE+ ports is 240W.

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

- **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.

**Discover the switch in your network**

Depending on your setup, you can use the NETGEAR Insight app to discover the switch IP address in your network, or you can use other discovery methods.

**Use the NETGEAR Insight app to discover the switch**

If your switch and mobile device are connected to the same network, you can use the NETGEAR Insight app to discover the switch IP address in your network. To download the latest version of the app:

- Use another method to discover the switch.

**Log in to the device UI to configure the switch**

You can use a web browser from a computer connected to the same network as your switch.

**Option 1:** Open a web browser from a computer connected to the same network as your switch.

1. Open the web browser, enter the IP address of the switch, and tap the box in the upper-right corner.
2. Enter your password, and tap the box in the upper-right corner.
3. Tap Log in.
4. Open your switch as a plug-and-play device or you can change the settings by logging in to the device user interface (UI).

**Option 2:** Open another web browser from a computer connected to the same network as your switch.

1. Enter the IP address of the switch into the address bar of the web browser, and tap the box in the upper-right corner.
2. Enter your password, and tap the box in the upper-right corner.
3. Tap Log in.
4. Open your switch as a plug-and-play device or you can change the settings by logging in to the device user interface (UI).

5. Follow the onscreen instructions to complete the registration of the switch.

6. To discover the IP address of the switch, use the NETGEAR Insight app or another discovery method (see another method to discover the switch).
In the pop-up window, click the OK button.
5. Select the NETGEAR Insight Mobile App and Insight Cloud Portal radio button.
6. In the pop-up window, click the OK button.
7. Click the Apply button.
8. In the pop-up window, click the OK button.

Your settings are saved.

The first time that you change the management mode to Insight, the switch is reset to its factory default settings, and you must reconfigure the switch using the NETGEAR Insight Cloud Portal or Insight app. We recommend that you use the Insight Cloud Portal.

Note: The Insight app is used by the device admin password, you now must enter the Insight network password for the Insight network location to which you added the switch.

Proceed to the Insight Cloud Portal.

A PoE-related short circuit occurred on the port

The problem is most likely with the PD. Reset the condition of the PD, restart the PD by disconnecting and reconnecting the PD, or try a shorter cable.

Available Solution

Netgear recommends that you use the Insight Cloud Portal.

The Insight Cloud Portal is highly recommended. If you do not register the switch within 30 days of purchase, your warranty entitlement might be affected.

The following table shows the standard power ranges without overrides applied, calculated with the maximum cable length of 328 feet (100 meters) if a device receives insufficient PoE power from the switch, consider using a shorter cable.

<table>
<thead>
<tr>
<th>PoE classification</th>
<th>Maximum power permitted on the port</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class 0</td>
<td>0.44W–13.0W (full)</td>
</tr>
<tr>
<td>Class 1</td>
<td>6.49W–13.0W (mid)</td>
</tr>
<tr>
<td>Class 2</td>
<td>15.4W–25.5W (high)</td>
</tr>
<tr>
<td>Class 3</td>
<td>30.0W–40.0W (Ultra high)</td>
</tr>
<tr>
<td>Class 4</td>
<td>60.0W–80.0W (Ultra high)</td>
</tr>
</tbody>
</table>

The problem is most likely with the PD. Reset the condition of the PD, restart the PD by disconnecting and reconnecting the PD, or try a shorter cable.

Available Solution

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

Support and Community

netgear.com/support, visit https://www.netgear.com/about/privacy-policy.

By using this device, you are agreeing to NETGEAR’s Terms and Conditions at https://www.netgear.com/about/terms-and-conditions. If you do not agree, return the device to the point of purchase within your return period.

Do not use the device outdoors. The PoE source is intended for indoor building connectivity only.

Regulatory and Legal

If a 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 for NETGEAR’s Privacy Policy, visit https://www.netgear.com/about/privacy-policy.

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

For NETGEAR’s Privacy Policy, visit https://www.netgear.com/about/privacy-policy.

Any non-GEAR trademarks are used for reference purposes only.

-GEAR Logo are trademarks of NETGEAR, Inc. Any non-