Step 1. Connect the switch

1. Connect devices to the RJ-45 ports (1–24) on the switch front panel.

2. Connect one port on the switch to a network that includes a DHCP server such as a router.

3. Power on the switch and wait two minutes.

Step 2. Check the PoE status

The switch can supply up to 30W PoE+ (IEEE 802.3at) to each port. The maximum PoE+ power budget across all active PoE+ ports is 190W for model GS728TPv3 and 380W for model GS728TPPv3.

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.

Step 3. Discover the switch in your network

You can use the NETGEAR Switch Discovery Tool to discover the switch IP address in your network. NETGEAR Insight subscribers can use the Insight app to discover the switch.

Option A: Use the NETGEAR Switch Discovery Tool

The NETGEAR Switch Discovery Tool lets you discover the IP address of the switch in your network from a Mac or Windows-based computer connected to the same network as the switch.

To download this tool, visit kb.netgear.com/000057103.

Step 4. Log in to the device UI to configure the switch

You can use the switch as a plug-and-play device or you can change the settings by logging in to the device user interface (UI).

1. Enter the switch IP address in the address field of your web browser.

2. If the switch does not display in the devices list, tap +.

Step 2. Check the PoE status

You can use the switch to connect to a device or play device or connect the cameras to the switch.

Option B: Use the NETGEAR Insight app

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. Regardless of your setup, you can use the Insight app to register the switch and activate your warranty.

1. Tap the device UI +.

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

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

4. If you already registered the switch with the NETGEAR Insight app, tap My Device UI login page display, and you can continue with Step 4.4.

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

6. Once you have registered your switch on the WEBGEAR Insight Cloud Portal or Insight app, tap Manage with Insight.

7. If you did not yet register the switch with NETGEAR Insight, click one of the following buttons:

   a. Register Your Device. This button displays if the switch is connected to the Internet. You can register the switch and activate the warranty. For information about the many benefits of registering your switch, visit www.netgear.com/why-register/.

   b. Enter Registration Key. If you obtained a registration key, for example by registering your switch on the NETGEAR Insight Cloud Portal or Insight app, tap Enter Registration Key.

Continue on the next page...
Step 5: Change the management mode to NETGEAR Insight

Note: Follow the instructions in this step only if you want to change the management mode to NETGEAR Insight.

By default, the management mode in the device UI is set to Directly Connect to Web Browser Interface, which lets you configure the switch from the device UI.

Change the management mode in the device UI to manage the switch remotely from the NETGEAR Insight Mobile App and Insight Cloud Portal.

1. Open a web browser from a computer or tablet connected to the same network as your switch.
2. Go to the Insight Cloud Portal or the Insight app.
   - For more information about configuring the switch from the device UI, see the user manual, which you can download by visiting www.netgear.com/support/.
   - For information about configuring the switch from the device UI, see the user manual, which you can download by visiting www.netgear.com/support/.
3. Enter your device admin password.
   - This is the password that you set the first time that you logged in to the device UI.
4. Click the Go button.
5. If the Change Default Password page displays, specify and confirm a new device admin password, click the Submit button, and log in again using your new password.

Step 4: Log in to the device UI to configure the switch

1. Log in to the device UI.
2. Enter your device admin password.
   - This is the password that you set the first time that you logged in to the device UI.
3. Click the Ok button.

PoE considerations

The PoE and PoE+ power supplied by the switch is prioritized in ascending port order (from port 1 to port 24), with a total power budget of 190W for model GS728TPv3 and 380W for model GS728TPV5.

Device class

<table>
<thead>
<tr>
<th>Device class</th>
<th>Compatible PoE standard</th>
<th>Class description</th>
<th>Maximum power supplied to the switch</th>
<th>Power delivered to the device</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 PoE and PoE+ Default power (full)</td>
<td>15.4W</td>
<td>0.44W–12.95W</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 PoE and PoE+ Very low power</td>
<td>4.0W</td>
<td>0.44W–3.84W</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 PoE and PoE+ Low power</td>
<td>7.0W</td>
<td>3.84W–6.49W</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 PoE and PoE+ Mid power</td>
<td>15.4W</td>
<td>6.49W–12.95W</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 PoE and PoE+ High power</td>
<td>30.0W</td>
<td>12.95W–25.1W</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Here are some tips for correcting PoE problems that might occur:

- If the PoE Fault LED is solid yellow, disconnect one or more PoE devices to prevent PoE over-subscription.
- If for each powered device (PD) that is connected to the switch, the associated PoE LED lights solid yellow, a PoE fault occurred.
- This is the password that you set the first time that you logged in to the device UI.

By default, the management mode in the device UI is set to Directly Connect to Web Browser Interface, which lets you configure the switch from the device UI.

In the address field of your web browser, enter the IP address of the switch.

1. Log in to the device UI.
2. Enter your device admin password.
   - This is the password that you set the first time that you logged in to the device UI.
3. Click the Ok button.

8. In the pop-up window, click the Ok button.
   - Your settings are saved.

Step 1: Open a web browser from a computer or tablet connected to the same network as your switch.

1. Open a web browser from a computer or tablet connected to the same network as your switch.
2. Go to the Insight Cloud Portal or the Insight app.
   - For more information about configuring the switch from the device UI, see the user manual, which you can download by visiting www.netgear.com/support/.
   - For information about configuring the switch from the device UI, see the user manual, which you can download by visiting www.netgear.com/support/.
3. Enter your device admin password.
   - This is the password that you set the first time that you logged in to the device UI.
4. Click the Go button.
5. If the Change Default Password page displays, specify and confirm a new device admin password, click the Submit button, and log in again using your new password.

Step 4: Log in to the device UI to configure the switch

1. Log in to the device UI.
2. Enter your device admin password.
   - This is the password that you set the first time that you logged in to the device UI.