Step 1. Connect the switch.

1. Connect devices to the RJ-45 ports (1–48) on the switch front panel.

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

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 is 370W or 360W for model GS752TPV2 and 760W for model GS752TPPV3.

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

- Off: Sufficient. More than 7W of PoE power is available.
- Blinking yellow: Less than 7W of PoE power is available.
- Solid 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 www.netgear.com/support/product/netgear-switch-discovery-tool.

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 discover the switch and activate your warranty.

1. On your mobile device, visit the Google or Apple app store, search for NETGEAR Insight, and tap Download.

2. Open the NETGEAR Insight app.

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

   a. Tap Register Your Device. This button displays if the switch is connected to the Internet. You can register the switch and activate the warranty. If you already registered the switch with NETGEAR Insight, this button does not display.
   b. Either use the camera on your mobile device to scan the bar code or QR code on the label on the switch, or type in the serial number, and then continue with Step 4.4.

   If the switch is connected to the Internet, the Register to activate your warranty page displays. However, if you already registered the switch with the NETGEAR Insight app, this page does not display. If the switch does not display, follow Option 2 below.

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 remotely from the cloud using NETGEAR Insight:

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

2. In the address field of your web browser, enter the switch IP address that you discovered in Step 3.

3. If you have not yet registered the switch with the NETGEAR Insight app, 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. During the process, decide if you want to manage and monitor the switch from the device UI or remotely from the cloud using NETGEAR Insight.

a. Tap Yes in the upper-right corner.

   a. Either use the camera on your mobile device to scan the bar code or QR code on the label on the switch, or type in the serial number, and then continue with Step 5.

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

6. Discover the switch in your network from a Mac or Windows-based computer connected to your network.

7. In the address field of your web browser, enter the switch IP address that you discovered in Step 3.

8. If you already registered the switch with the NETGEAR Insight app, this page does not display. If the switch still does not display, follow Option 2 below.

Option 2: Your switch and mobile device are not connected to the same network.

You can use the switch as a plug and play device or you can change the settings by

1. Tap Scan Network. If the switch still does not display, follow Option 2 below.

   a. Tap Yes in the upper-right corner.

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

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

   a. Tap 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/register.

   b. Enter Registration Key. If you obtained a registration key, for example by registering your switch on the NETGEAR Insight login page, you can enter the key and continue with Step 4.

   c. Your switch and mobile device are connected to the same network.

Step 3. Discover the switch in your network.

You can use the Insight app to discover the switch IP address in your network. Regardless of your setup, you can use the Insight app to discover the switch and activate your warranty.

1. On your mobile device, visit the Google or Apple app store, search for NETGEAR Insight, and tap Download.

2. Open the NETGEAR Insight app.

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

   a. Tap 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/register.

   b. Enter Registration Key. If you obtained a registration key, for example by registering your switch on the NETGEAR Insight login page, you can enter the key and continue with Step 4.

   c. Tap SCAN NETWORK. If the switch still does not display, follow Option 2 below.

Step 2. Check the PoE status.

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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 remotely from the cloud using NETGEAR Insight:

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

2. In the address field of your web browser, enter the switch IP address that you discovered in Step 3.

3. If you have not yet registered the switch with the NETGEAR Insight app, 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. During the process, decide if you want to manage and monitor the switch from the device UI or remotely from the cloud using NETGEAR Insight.

a. Tap Yes in the upper-right corner.

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

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

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   a. Tap 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/register.

   b. Enter Registration Key. If you obtained a registration key, for example by registering your switch on the NETGEAR Insight login page, you can enter the key and continue with Step 4.
1. Open a web browser from a computer or tablet connected to the same network as Insight app, change the management mode in the device UI.

By default, the management mode in the device UI is set to Directly Connect to Web.

Step 5: Change the management mode to NETGEAR Insight

Note: Follow this procedure 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.

Note: The following table shows the standard power ranges without overrides applied, calculated within the switch's maximum cable length of 328 feet (100 meters). If a device receives insufficient PoE power from the switch, you can consider using a shorter cable.

<table>
<thead>
<tr>
<th>Device class</th>
<th>Compatible PoE classification</th>
<th>Maximum power delivered to the device</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>PoE and PoE+ Default power (full)</td>
<td>15.4W</td>
</tr>
<tr>
<td>1</td>
<td>PoE and PoE+ Very low power</td>
<td>4.0W</td>
</tr>
<tr>
<td>2</td>
<td>PoE and PoE+ Mid power</td>
<td>15.4W</td>
</tr>
<tr>
<td>3</td>
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<td>30.0W</td>
</tr>
<tr>
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<td>15.4W</td>
</tr>
</tbody>
</table>

Step 4: Log in to the device UI, and click Submit button, and log in again using your new password.

If you did not yet register the switch, the Register to activate your warranty page displays. For more information, see Step 4: Log in to the device UI, and click Submit button, and log in again using your new password.

Note: Your settings are saved.

8. In the pop-up window, click the OK button.

4. If the Max LED is solid yellow, disconnect one or more PoE devices to prevent PoE oversupply.

For each powered device (PD) that is connected to the switch, the associated PoE LED lights on the switch.

Note: If the LED lights solids yellow, a PoE fault occurred and you must check the cause of one of the conditions listed in the following table.

PoE Fault Condition Possible Solution
A PoE-related short circuit occurred on the port
The PoE power demand of the PD exceeded the maximum level that the switch permits. The PD cannot deliver power at the level is 15.4W for a PoE connection and 30W for a PoE+ connection.

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

The PD current on the port exceeded the classification limit of the PD.

Rest the switch to see if the condition resolves itself. Check the condition of the PD, then try by disconnecting and reconnecting the PD, or try a shorter cable.

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

Note: The following table shows the standard power ranges without overrides applied, calculated within the switch's maximum cable length of 328 feet (100 meters). If a device receives insufficient PoE power from the switch, you can consider using a shorter cable.

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<td>PoE and PoE+ High power</td>
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</table>

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