24-Port Gigabit PoE+ Ethernet Smart Managed Pro Switch with 2 SFP Ports and Cloud Management GS724TPv2

24-Port Gigabit Hi-Power PoE+ Ethernet Smart Managed Pro Switch with 2 SFP Ports and Cloud Management GS724TPP

Installation Guide

Package contents

• NETGEAR GS724TPv2 or GS724TPP switch
• Detachable power cord (varies by region)
• Rubber footpads for tabletop installation

NETGEAR GS724TPP
• Pro Switch with 2 SFP Ports and Cloud Management
• 24-Port Gigabit Hi-Power PoE+ Ethernet Smart Managed

NETGEAR GS724TPv2
• 190W for model GS724TPv2 and 380W for hi-power model GS724TP7.

NETGEAR GS724TPv2 or GS724TPP 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. You can use other discovery methods.

Using the NETGEAR Insight app to discover the switch

1. Open a web browser from a computer connected to the same network as your switch.
2. You can use the switch as a plug-and-play device or you can change the settings by getting on the switch.
3. In the address field of your web browser, enter the IP address of the switch.
4. If your switch and mobile device are connected to the same network:
   a. Enter a domain name or browse to the switch.
   b. Enter the email address and password for your NETGEAR account.
   c. Click Log in. If you do not have a NETGEAR account, tap Create NETGEAR Account and 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:
   i. Device UI:
   ii. Not Now:
   iii. To discover the IP address of the switch, use the NETGEAR Insight app or another discovery method:
   a. Tap Scan Network in the upper-right corner.
   b. Either use the camera on your mobile device to scan the bar code or QR code, or type in the serial number, and then continue with Step 5.
   c. Tap Inspect for your NETGEAR account and tap Not Now.

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.

Configuration Guide

Connect the switch

Connect one port on the switch to a network that includes a DHCP server such as a router or cable modem. Then, connect the switch to a network that includes a DHCP server such as a router or cable modem.

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 GS724TPv2 and 380W for hi-power model GS724TP7.

The PoE Max LED indicates the status of the PoE budget on the switch:
• Off: 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 is 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.

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 getting on the switch.

1. Open a web browser from a computer connected to the same network as your switch.
2. You can use the switch as a plug-and-play device or you can change the settings by getting on the switch.
3. In the address field of your web browser, enter the IP address of the switch.
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, you can use another method to discover the switch:
   a. Tap Scan Network in the upper-right corner.
   b. Either use the camera on your mobile device to scan the bar code or QR code, or type in the serial number, and then continue with Step 5.

Continued on the next page.
2. Change the management mode to Insight by clicking the Insight radio button.
3. Select the NETGEAR Insight Mobile App and Insight Cloud Portal radio button.
4. In the pop-up window, click the OK button.
5. Click the Apply button.
6. 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 resets to its factory default password. You must then configure the switch using the NETGEAR Insight Cloud Portal or Insight app.

Note: You can still log in to the device UI and access a limited menu, but instead of the device admin password, you now must enter the Insight network password for the Insight network location to which you added the switch.

Change the management mode to 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.

To manage the switch remotely from the cloud with the NETGEAR Insight Cloud Portal or Insight app, you must configure the switch using the NETGEAR Insight Cloud Portal or Insight app.

The System Information page displays.

For each powered device (PD) that is connected to the switch, the associated PoE LED on the switch lights solid green. If the PoE LED lights solid yellow, a PoE fault occurred and PoE halted because of one of the conditions listed in the following table.

PoE troubleshooting

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

• If the PoE Max LED is solid yellow, disconnect one or more PoE devices to prevent PoE oversubscription.
• For each powered device (PD) that is connected to the switch, the associated PoE LED on the switch lights solid green. If the PoE LED lights solid yellow, a PoE fault occurred and PoE halted because of one of the conditions listed in the following table.

PoE Fault Condition

- A PoE-related short circuit occurred on the port.
- The PoE power demand of the PD exceeded the maximum allowable threshold.
- The PoE voltage on the port exceeded the classification limit.
- The PoE current on the port exceeded the classification limit.

A PoE-related short circuit occurred on the port.

The problem is most likely with the attached PD. Check the condition of the PD, restart the PD, and see if the condition resolves itself. Check the condition of the PD, restart the PD, and see if the condition resolves itself. Check the condition of the PD, restart the PD, and see if the condition resolves itself. Check the condition of the PD, restart the PD, and see if the condition resolves itself. Check the condition of the PD, restart the PD, and see if the condition resolves itself.

Possible Solution

- Restart the switch to see if the condition resolves itself. Check the condition of the PD, restart the PD, and see if the condition resolves itself. Check the condition of the PD, restart the PD, and see if the condition resolves itself. Check the condition of the PD, restart the PD, and see if the condition resolves itself. Check the condition of the PD, restart the PD, and see if the condition resolves itself.

PoE considerations

The PoE and PoE+ power supplied by the switch is prioritized in ascending port order. The System Information page displays.

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