Installation Guide

16-Port Gigabit Smart Managed Plus Switch With PoE JGS516PE
24-Port Gigabit Smart Managed Plus Switch With PoE JGS524PE

Package Contents

- Switch (Model JGS516PE or JGS524PE, which is shown in the previous figure)
- AC power cord (varies by region)
- A bag that contains rubber footpads for tabletop installation and a kit for rack-mount installation
- Installation guide

Step 1. Connect the equipment.

Step 2. Connect power.

Step 3. Check the status.

Access the Switch

Smart Managed Plus switches are plug-and-play so you do not need to configure them. You can also configure and manage additional advanced features of the switch either by using a computer’s web browser or by installing the ProSAFE Plus Configuration Utility on a Windows-based computer.

Web Browser Access

You can configure a switch when it is connected only to your computer (off-network), or connected to your computer and your network (on-network).

To use your web browser to configure your switch:

1. If you are configuring the switch off-network, record your computer’s TCP/IP configuration settings, and then configure the computer with a static IP address of 192.168.0.210 and with 255.255.255.0 as the subnet mask. If you are unsure how to do this, visit netgear.com/support and search for Static IP address on computer.

2. Open a web browser and enter the IP address of the switch. If the switch is connected to a network with a DHCP server (which usually is a router), use the IP address that the DHCP server assigns to the switch. If the switch is off-network or connected to a network without a DHCP server, use the switch’s default IP address, http://192.168.0.239. If you are unsure how to determine the IP address of the switch, you can use the NETGEAR Insight mobile app, ProSAFE Plus Utility, or NETGEAR Switch Discovery Tool.

3. Enter the password. The default password is password.

4. Click the Login button. You can now configure additional switch settings in the local browser interface.

5. When you finish configuring an off-network switch, return your computer to its original TCP/IP settings and connect the switch to your network using an Ethernet cable.
Find the IP Address Using the NETGEAR Insight Mobile App

To find the IP address of the switch by using the Insight mobile app:

1. On your iOS or Android mobile device, visit the app store, search for NETGEAR Insight, and download the latest app.

2. Connect your mobile device to the WiFi network of the router or access point that is connected to the switch.

3. Open the NETGEAR Insight app.

4. If you do not have a NETGEAR account, tap CREATE MYNETGEAR ACCOUNT and follow the onscreen instructions.

5. To log in to your NETGEAR account, tap LOG IN and enter your credentials.

The NETGEAR Insight app can discover the switch and display its IP address.

Support

Thank you for purchasing this NETGEAR product. You can visit 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.

If ce produit est vendu au Canada, vous pouvez accéder à ce document en français canadien à http://downloadcenter.netgear.com/other/

For the current EU Declaration of Conformity, visit http://kb.netgear.com/11621.

For regulatory compliance information, visit http://www.netgear.com/about/regulatory.

Use the ProSAFE Plus Configuration Utility to configure the switches. For a description of Smart Managed Plus features, see the ProSAFE Plus Configuration Utility User Manual. You can access the user manual through the Help tab of the utility.

Note: If an installation problem occurs or you cannot discover the switch when you use the ProSAFE Plus Utility or NETGEAR Switch Discovery Tool, temporarily disable the firewall, Internet security, or antivirus program, or all of these. After you complete the installation and finish configuring the switch, reenable the security services on your computer.

Find the IP Address of the Switch Using the NETGEAR Insight Mobile App

The NETGEAR Switch Discovery Tool lets you discover the switch in your network and access the local browser interface of the switch from a Mac or a 64-bit Windows-based computer. Download the latest Switch Discovery Tool by visiting www.netgear.com/support/product/PCU.

1. Unzip and install the ProSAFE Plus Configuration Utility on your computer.

2. Connect your computer to the same network as the switch.

3. Double-click the ProSAFE Plus Utility icon.

4. Select the switch that you want to configure from the list.

5. When prompted, enter the password. The default password is password.

6. Use the ProSAFE Plus Utility to configure the switch settings.

Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Network interface</td>
<td>RJ-45 connector for 10BASE-T, 100BASE-TX, or 1000BASE-T</td>
</tr>
<tr>
<td>Network cable</td>
<td>Category 5e (Cat 5e) or higher-rated Ethernet cable</td>
</tr>
<tr>
<td>Ports</td>
<td>JGS516PE: 16, of which ports 1–8 are PoE ports</td>
</tr>
<tr>
<td>Power input</td>
<td>JGS516PE: 100–240 VAC, 50–60Hz, 2.5A maximum</td>
</tr>
<tr>
<td>Power budget</td>
<td>Maximum power budget for the switch: 100W</td>
</tr>
<tr>
<td>Ports</td>
<td>JGS524PE: 24, of which ports 1–12 are PoE ports</td>
</tr>
<tr>
<td>Power input</td>
<td>JGS524PE: 100–240 VAC, 50–60Hz, 2.5A maximum</td>
</tr>
<tr>
<td>Power budget</td>
<td>JGS524PE: 15.4W per port for ports 1–12 ports Maximum power budget for the switch: 100W</td>
</tr>
<tr>
<td>Power consumption</td>
<td>JGS516PE: 110W maximum with PoE</td>
</tr>
<tr>
<td>Weight</td>
<td>JGS516PE: 3.58 lb (1.621 kg)</td>
</tr>
<tr>
<td>Dimensions (W x D x H)</td>
<td>12.91 in. x 6.65 in. x 1.7 in. (328 mm x 169 mm x 43 mm)</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>32°C to 122°F (0°C to 50°C)</td>
</tr>
<tr>
<td>Operating humidity</td>
<td>10%-90% relative humidity, noncondensing</td>
</tr>
<tr>
<td>Electromagnetic compliance</td>
<td>KC Class A, CCC Class A, FCC part 15 Class A, CE Class A, RCM Class A, VCCI Class A, EAC</td>
</tr>
<tr>
<td>Safety agency marks</td>
<td>UL/cUL, CE, CCC, EAC, RCM, MSIP, VCCI</td>
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