**Step 1. Connect equipment**

- Computer
- Server
- Optional wireless access point

**Step 2. Connect power**

- Internet
- JGS524PE

**Step 3. Check status**

- **Power LED**
  - On
  - Off

- **Activity (blinking)**

- **Fan LED**
  - Fan Failure
  - Normal Operation

- **Port Link Speed/ACT LED**
  - 1000 Mbps
  - 10/100 Mbps

- **PoE Max LED**
  - Less than 7W Power Available
  - Active in past two minutes
  - At least 7W of Power Available

- **PoE Status LED**
  - PoE Powered
  - PoE Fault
  - No PoE Device Connected
Set up the Switch Configuration Utility

Plus switches are plug and play. You can install a configuration utility to select additional options to manage and customize the switch for your network. This utility is on the resource CD that was shipped with the switch.

Note: The configuration utility is installed on your computer and is only supported on Windows.

Install the configuration utility:
1. Insert the resource CD into a computer that is connected to the switch.
2. Click Install ProSafe Plus Utility and follow the prompts to install the program.

The switch configuration utility is installed in the program directory of your computer and a ProSafe Plus Utility icon is placed on your desktop.

Configure the switch:
1. Double-click the ProSafe Plus Utility icon.
   The configuration home screen displays a list of plus switches that it discovers on the local network.
2. Select the switch that you want to configure.
   You are asked to enter the password for the switch.
3. Enter the switch’s password in the password field.
4. Use the utility to configure the switch.
   For a description of plus features, see the ProSafe Plus Switch Configuration Utility User Guide. You can access the user guide through links on the Help tab of the utility or on the resource CD.

Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Description</th>
</tr>
</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 better Ethernet cable</td>
</tr>
<tr>
<td>Ports</td>
<td>JGS516PE: 16, JGS524PE: 24</td>
</tr>
<tr>
<td>Power</td>
<td>JGS516PE: 100-240 VAC 50-60Hz, 1.5A maximum</td>
</tr>
<tr>
<td></td>
<td>JGS524PE: 100-240 VAC 50-60Hz, 2.5A maximum</td>
</tr>
<tr>
<td>PoE Power Budget</td>
<td>JGS516PE supports PoE function: 15.4W per port for 1<del>8 ports Total maximum power: 85W JGS524PE supports PoE function: 15.4W per port for 1</del>12 ports Total maximum power: 100W</td>
</tr>
<tr>
<td>Power consumption</td>
<td>JGS516PE: 110W maximum with PoE</td>
</tr>
<tr>
<td></td>
<td>JGS524PE: 123W maximum with PoE</td>
</tr>
<tr>
<td>Weight</td>
<td>JGS516PE: 1.674 kg (3.69 lb)</td>
</tr>
<tr>
<td></td>
<td>JGS524PE: 1.843 kg (4.06 lb)</td>
</tr>
<tr>
<td>Dimensions (W x D x H)</td>
<td>328 mm x 169 mm x43.2 mm (12.91 in. x 6.65 in. x 1.7 in.)</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>0–50° C (32–122° F)</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, C-Tick Class A, VCCI Class A</td>
</tr>
<tr>
<td>Safety agency approvals</td>
<td>Commercial UL listed (UL 60950-1), CB</td>
</tr>
</tbody>
</table>

Support

Thank you for selecting NETGEAR products.

After installing your device, locate the serial number on the label of your product and use it to register your product at https://my.netgear.com.

You must register your product before you can use NETGEAR telephone support. NETGEAR recommends registering your product through the NETGEAR website. For product updates and web support, visit http://support.netgear.com.

NETGEAR recommends that you use only the official NETGEAR support resources.

For the current EU Declaration of Conformity, visit http://support.netgear.com/app/answers/detail/a_id/11621/.

CAN ICES-3 (A)/NMB-3(A)