Installation

ProSAFE Gigabit Ethernet Switches
16-Port Model JGS516v2
24-Port Model JGS524v2

Step 1. Connect the equipment.

Step 2. Connect to power.

Step 3. Check the status.

Package Contents
- ProSAFE® Gigabit Unmanaged Switch
- AC power cord (localized to country of sale)
- Rubber footpads for tabletop installation
- 19-inch rack-mount kit for rack installation
- Installation guide

Sample connections:
- Computer
- Server
- Switch
- Optional modem
- Optional router

Power LED
- On
- Off

Port Link/ACT LEDs
- Link
- Activity (blinking)

Port Speed LEDs
- 1000 Mbps
- 100 Mbps
- No link (off)
- Port is not in use (off)
### Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Network interface</strong></td>
<td>RJ-45 connector for 10BASE-T, 100BASE-TX, or 1000BASE-T</td>
</tr>
<tr>
<td><strong>Network cable</strong></td>
<td>Category 5e (Cat 5e) or better Ethernet cable</td>
</tr>
<tr>
<td><strong>Ports</strong></td>
<td>JGS516: 16; JGS524: 24</td>
</tr>
<tr>
<td><strong>Power</strong></td>
<td>100–240V 0.5A AC, 50/60 Hz internal universal power supply</td>
</tr>
<tr>
<td><strong>Power consumption</strong></td>
<td>JGS516: 12W for cable length &gt; 32 feet (10 m)</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>JGS516: 3.24 lb (1.47 kg)</td>
</tr>
<tr>
<td><strong>Dimensions</strong></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><strong>Operating temperature</strong></td>
<td>32–122°F (0–50°C)</td>
</tr>
<tr>
<td><strong>Operating humidity</strong></td>
<td>10%–90% relative humidity, noncondensing</td>
</tr>
<tr>
<td><strong>Electromagnetic compliance</strong></td>
<td>CE Class A, FCC Class A, VCCI Class A, C–Tick Class A, KC, CCC</td>
</tr>
<tr>
<td><strong>Safety agency approvals</strong></td>
<td>CE, Commercial Ul listed (UL 60950-1), CB, KC, CCC</td>
</tr>
</tbody>
</table>

### Get the Free NETGEAR Insight App

You can use the NETGEAR Insight app to register your switch.

1. On your iOS or Android mobile device, visit the app store, search for NETGEAR Insight, and download the app.
2. Connect your mobile device to the WiFi network of the router or access point.
3. Open the NETGEAR Insight app.
4. If you do not have a NETGEAR account, tap **CREATE NETGEAR ACCOUNT** and follow the onscreen instructions.
5. To log in to your NETGEAR account, tap **LOG IN** and enter your credentials.
6. Name your network, enter a device admin password that applies to all devices that you add to this network, and tap **NEXT**.
7. Add the switch to your account from one of the following pages:
   - Day Zero discovery
   - Network
   - Device List
     You might be prompted to connect the switch to power and to an uplink. Since you already did this, tap **NEXT**.
     The NETGEAR Insight app discovers the switch and registers it on the network that you named in Step 6.
     If the app does not discover the switch, make sure that your mobile device and the switch are connected to the same WiFi network.
     For information about how to connect a NETGEAR Insight Managed Switch to an existing network, visit [kb.netgear.com/000044341](http://kb.netgear.com/000044341).