Installation Guide

Step 1. Register the switch
1. From a computer or mobile device that is connected to the Internet, visit my.netgear.com.
2. Log in to your NETGEAR account.
   NOTE: If you don’t have a free NETGEAR account, you can create one.
   The My Products page displays.
3. From the menu on the left, select Register a Product.
4. In the Serial Number field, type the serial number of your switch.
   The serial number is 13 digits long. It is printed on the switch label.
5. From the Date of Purchase menu, select the date that you purchased the switch.
6. Click the REGISTER button.
   Your switch is registered to your NETGEAR account.
   A confirmation email is sent to your NETGEAR account email address.

Step 2. Connect the equipment

Step 3. Connect to power

Step 4. Check the LED status

This switch is designed for indoor use only. If you want to connect it to a device located outdoors, the outdoor device must be properly grounded and surge protected, and you must install an Ethernet surge protector inline between the switch and the outdoor device. Failure to do so can damage the switch.

Before connecting this switch to outdoor cables or devices, see https://kb.netgear.com/000057103 for safety and warranty information.

Package Contents
• Switch
• Power adapter
• Power cord (varies by region)
• Wall installation kit
• Rubber feet
• Rackmount kit
• Installation guide

NETGEAR, Inc.
350 East Plumeria Drive
San Jose, CA 95134, USA

GS108LP switch
GS108PP switch
Power adapter
PoE+ security camera
PoE+ access points
PoE+ phone

PoE Max LED
The maximum PoE power that the switch can deliver to all attached powered devices (PDs) is 123W total for model GS108PP and 60W total for model GS108LP (for model GS108LP, you can purchase an optional power adapter that can provide 83W total).

The switch can deliver a maximum power of 30W to each port. (For more information, see “PoE considerations.”)

The PoE Max LED indicates the status of the PoE power that the switch can deliver to all attached PDs, as follows:

Solid amber: Less than 7W of PoE power is available on the switch.
Blinking amber: The PoE Max LED was lit solid in the previous two minutes.
Off: Sufficient (more than 7W of) PoE power is available on the switch.

Before connecting this switch to outdoor cables or devices, see https://kb.netgear.com/000057103 for safety and warranty information.
PoE considerations
The switch prioritizes the PoE and PoE+ power that it supplies in ascending port order (from port 1 to port 8), with a total power budget of 123W for model GS108PP with the default power adapter and 54W for model GS108LP with the default power adapter. If the power requirements for the attached powered devices (PDs) exceed the total power budget of the switch, the PD on the highest-numbered port is disabled to make sure that the PDs that are connected to the higher-priority, lower-numbered ports are supported first.

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

• Make sure that the PoE Max LED is off. If the PoE Max LED is solid amber, disconnect one or more PD devices to prevent PoE oversubscription. Start by disconnecting the device from the highest-numbered port.

• Make sure that the Ethernet cables are plugged in correctly. For each powered device (PD) that is connected to the switch, the corresponding right port LED on the switch lights solid green. If the right port LED lights solid amber, a PoE fault occurred and the PD halted because of one of the conditions that are listed in the following table.

To install the switch in a rack:
1. Locate the two mount holes on the bottom panel of the switch.
2. Mark and drill two mounting holes in the wall where you want to mount the switch.
3. Insert the supplied anchors into the wall and tighten the supplied screws with a No. 2 Phillips screwdriver. Leave about 0.15 in. (4 mm) of each screw protruding from the wall so that you can insert the screws into the holes on the bottom panel.

To install the switch in a rack:
1. Align the mounting holes in the brackets with the holes in the rack, and insert two pan-head screws with nylon washers through each bracket and into the rack.
2. Tighten the screws with a No. 2 Phillips screwdriver to secure each bracket.

3. Insert the supplied anchors into the wall and tighten the supplied screws with a No. 2 Phillips screwdriver.

4. Tighten the screws with a No. 2 Phillips screwdriver to secure mounting brackets to the rack.

Attach the switch to a wall
To attach the switch to a wall, you need the rackmount brackets and screws that are supplied with the switch.

Install the switch in a rack
1. Attach the supplied mounting brackets to the side of the switch.
2. Insert the screws provided in the product package through each bracket and into the rack.
3. Tighten the screws with a No. 2 Phillips screwdriver to secure each bracket.

Specifications
<table>
<thead>
<tr>
<th>Specification</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Network interfaces</td>
<td>8 PoE+P + Gigabit Ethernet RJ-45 ports that support 1G, 10G and 25G</td>
</tr>
<tr>
<td>Network cable</td>
<td>• 100 Mbps: Category 5 (Cat 5) or higher rated Ethernet cable</td>
</tr>
<tr>
<td>Maximum distance</td>
<td>Maximum-distance is 328 feet (100 meters)</td>
</tr>
<tr>
<td>Max PoE budget other</td>
<td>• Model GS108PP: 120W PoE budget with the default power adapter</td>
</tr>
<tr>
<td>Power adapter input</td>
<td>• Model GS108LP: 120W PoE budget with the default power adapter</td>
</tr>
<tr>
<td>Power adapter</td>
<td>Note: As a flexible PoE (FlexPoE) option, you can purchase another power adapter that can provide a PoE budget of 83W.</td>
</tr>
<tr>
<td>Power adapter output</td>
<td>• Power cord varies by region.</td>
</tr>
<tr>
<td>Power adapter output</td>
<td>• Model GS108PP: 130W, 54V @ 2.4A</td>
</tr>
<tr>
<td>Compliance</td>
<td>• Model GS108LP: 60W PoE budget with the default power adapter</td>
</tr>
<tr>
<td>Compliance</td>
<td>• Optional power adapter that can provide a PoE budget of the switch.</td>
</tr>
<tr>
<td>Dimensions</td>
<td>Weight 1.32 lb (0.6 kg)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>9.3 x 5 x 1.0 in. (235 x 127 x 27 mm)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>Operating humidity 15%-95% relative humidity, noncondensing</td>
</tr>
<tr>
<td>Compliance</td>
<td>FCC class A, CB, CE class A, VCCI class A, RoHS class A, CEC, BSMI, CCC</td>
</tr>
<tr>
<td>Compliance</td>
<td>For model GS108PP only: CCC</td>
</tr>
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Regulatory and Legal
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For regulatory compliance information including the EU Declaration of Conformity, visit https://www.netgear.com/about/regulatory/.
See the regulatory compliance document before connecting the power supply.
For NETGEAR’s Privacy Policy, visit https://www.netgear.com/about/privacy-policy/.
By using this device, you are agreeing to NETGEAR’s Terms and Conditions at https://www.netgear.com/about/terms-and-conditions/. If you do not agree, return the device to your place of purchase within your return period.
Do not use this device outdoors. The PoE source is intended for intra building connection only.