ProSAFE Plus 5-Port Gigabit PoE Pass Through Switch GS105PE

**Step 1. Connect equipment.**

- Computer
- Server

**Step 2. Connect power.**

- GS105PE switch
- PoE Switch

**Step 3. Check status.**

- PoE PD (Port 5) LED Right
  - Supplying power
  - Receiving power from PSE
  - Receiving power from 802.3at specification
  - PoE Fault
  - No PoE Power
  - PD not detected

- PoE PSE (Ports 1 and 2) LEDs Right
  - Supplying power

- Port LEDs Left
  - 1000 Mbps link
  - 10/100 Mbps link
  - 1000 Mbps activity (blinking)
  - 10/100 Mbps activity (blinking)
  - No link (off)

- PoE PD Port
  - Receiving power from PSE per 802.3at specification

- Power LED
  - Off
  - PoE pass through enabled
  - PoE pass through disabled

- GS105PE switch
  - PoE Switch
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 supported only on Windows computers.

To 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.

To 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. The switch’s default password is password.
4. Use the utility to configure the switch.
   
   For a description of plus features, see the ProSAFE Plus Switch Utility User Guide. You can access the user guide through links on the Help tab of the utility or on the resource CD.

PoE Pass Through

This switch supports PoE pass through. When the power LED is blinking green, it means PoE pass-through is disabled because the input voltage to port 5 is less than 45 VDC. When a PoE switch is connected to the PD port, power is passed through the switch to the PSE ports. PSE port 1 is always given priority. Power not consumed by the switch or a device connected to port 1 is supplied to port 2.

The following table describes the behaviour of the PSE ports.

<table>
<thead>
<tr>
<th>Specification</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power consumption</td>
<td>21.95W maximum</td>
</tr>
<tr>
<td>Weight</td>
<td>0.47 Kg (1.04 lbs)</td>
</tr>
<tr>
<td>Dimensions (W x D x H)</td>
<td>168 mm x 100 mm x 27 mm (6.62 in. x 3.93 in. x 1.06 in.)</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>-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>CE Class B, FCC part 15 Class B, VCCI Class B, C-Tick Class B, CAN ICES-3(B)/NMB-3(B)</td>
</tr>
<tr>
<td>Safety agency approvals</td>
<td>CE mark</td>
</tr>
</tbody>
</table>

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>5</td>
</tr>
<tr>
<td>Power</td>
<td>37-57 VDC, 600mA <a href="mailto:max@42.5V">max@42.5V</a></td>
</tr>
</tbody>
</table>