**NETGEAR**

Installation Guide

ProSafe 16-Port Ethernet Switch with 8-Port PoE FS116P

**Step 1. Connect equipment**

- Computer
- Server
- Internet
- Optional modem
- FS116P
- Optional router

**Step 2. Connect power**

- Power LED
  - On
  - Off
- Port 1-8 right LEDs
  - PoE in use
  - PoE fault
  - No PoE use (off)
- Port 9-16 LEDs
  - 100 Mbps link (left LED)
  - 10 Mbps link (right LED)
  - Activity (blinking)
  - No link (off)
- Port 1-8 left LEDs
  - Activity (blinking)
  - No link (off)
- PoE Max. LED
  - Less than 7W of PoE power is available
  - PoE MAX LED was active in the previous 2 minutes
  - PoE ports are working normally (off)

**Step 3. Check status**

- Power LED
  - On
  - Off
- Port 1-8 right LEDs
  - PoE in use
  - PoE fault
  - No PoE use (off)
- Port 9-16 LEDs
  - 100 Mbps link (left LED)
  - 10 Mbps link (right LED)
  - Activity (blinking)
  - No link (off)
- Port 1-8 left LEDs
  - Activity (blinking)
  - No link (off)
- PoE Max. LED
  - Less than 7W of PoE power is available
  - PoE MAX LED was active in the previous 2 minutes
  - PoE ports are working normally (off)
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, or 100BASE-TX</td>
</tr>
<tr>
<td>Network cable</td>
<td>Category 5 (Cat 5) or better Ethernet cable</td>
</tr>
<tr>
<td>Ports</td>
<td>16</td>
</tr>
<tr>
<td>Power adapter</td>
<td>48V @ 1.45A DC input</td>
</tr>
<tr>
<td>Power consumption</td>
<td>78W max.</td>
</tr>
<tr>
<td>PoE Power budget</td>
<td>55W max. (all PoE ports, Port 1 – Port 8), 15.4W max. per PoE port</td>
</tr>
<tr>
<td>Weight</td>
<td>0.7 kg (1.56 lbs)</td>
</tr>
<tr>
<td>Dimensions (W x D x H)</td>
<td>287 mm x 103 mm x 27 mm 11.3 in. x 4.1 in. x 1.1 in.</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>0° to 40° C (32° to 104° F)</td>
</tr>
<tr>
<td>Operating humidity</td>
<td>10% to 90% relative humidity, non-condensing</td>
</tr>
<tr>
<td>Electromagnetic</td>
<td>CE Class A, FCC Class A, VCCI Class A,</td>
</tr>
<tr>
<td>compliance</td>
<td></td>
</tr>
<tr>
<td>Safety agency approvals</td>
<td>CB, CCC</td>
</tr>
</tbody>
</table>

Technical Support

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 web site. For product updates and web support, visit http://support.netgear.com.

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

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