8-Port Gigabit Ethernet Switch with 2 SFP Connections - Managed

IES101G2SFPW

*actual product may vary from photos

FR: Guide de l’utilisateur - fr.startech.com
DE: Bedienungsanleitung - de.startech.com
ES: Guía del usuario - es.startech.com
NL: Gebruikershandleiding - nl.startech.com
PT: Guia do usuário - pt.startech.com
IT: Guida per l’uso - it.startech.com

For the latest information, technical specifications, and support for this product, please visit www.StarTech.com/IES101G2SFPW.

Manual Revision: 01/17/2017
FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by StarTech.com could void the user’s authority to operate the equipment.

Industry Canada Statement

This Class A digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe [A] est conforme à la norme NMB-003 du Canada.
CAN ICES-3 (A)/NMB-3(A)

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Introduction

Use the IES101G2SFPW to add up to 10 GbE devices to your network. The IES101G2SFPW features eight RJ45 ports, two SFP connections, and management support.

Product diagram

Front view
Bottom view

SFP ports (dust covers installed)

Reset button

Package contents

- 1 x network switch
- 1 x universal power adapter (NA/JP, UK, EU, ANZ)
- 1 x terminal block connector
- 4 x screw anchors
- 4 x screws
- 4 x attaching pins
- 4 x locking pins
- 4 x washers
- 4 x magnets
- 1 x DIN rail
- 3 x DIN-rail screws
- 8 x RJ45 dust caps
- 2 x SFP dust caps (ship installed)
- 1 x quick-start guide
Requirements

- Ethernet port connection
- RJ45 network cables
- SFP transceivers

This network switch is OS independent and doesn’t require any additional drivers or software.

Requirements are subject to change. For the latest requirements, please visit [www.StarTech.com/IES101G2SFPW](http://www.StarTech.com/IES101G2SFPW).

About the LED indicators

This network switch features eight **RJ45 link and activity LEDs**, a **SFP link and activity LEDs** for the two SFP ports, and a **power LED**.

For more information about what the LED indicators signify, see the table below.

<table>
<thead>
<tr>
<th>LED</th>
<th>Behavior</th>
<th>Significance</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED indicator on the left side of the RJ45 ports</td>
<td>Illuminated yellow</td>
<td>Link was successfully established</td>
</tr>
<tr>
<td></td>
<td>Blinking yellow</td>
<td>Data is being transferred at 10/100 Mbps</td>
</tr>
<tr>
<td>LED indicator on the right side of the RJ45 ports</td>
<td>Illuminated green</td>
<td>Link was successfully established</td>
</tr>
<tr>
<td></td>
<td>Blinking green</td>
<td>Data is being transferred at 1000 Mbps</td>
</tr>
<tr>
<td>SFP link and activity LED indicators</td>
<td>Illuminated yellow</td>
<td>Link was successfully established</td>
</tr>
<tr>
<td></td>
<td>Blinking yellow</td>
<td>Data is being transferred at 100 Mbps</td>
</tr>
<tr>
<td></td>
<td>Illuminated green</td>
<td>Link was successfully established</td>
</tr>
<tr>
<td></td>
<td>Blinking green</td>
<td>Data is being transferred at 1000 Mbps</td>
</tr>
<tr>
<td>Power LED indicator</td>
<td>Illuminated</td>
<td>Switch is receiving power</td>
</tr>
</tbody>
</table>
Insert an SFP transceiver into the switch

Inserting an SFP transceiver into the network switch is optional and isn’t required to use the switch.

You don’t need to turn off the network switch before you can plug in and remove SFP transceivers from the network switch.

1. Insert an SFP transceiver into one of the SFP ports on the network switch.
2. Connect an SFP cable to the SFP transceiver.
3. Check the SFP link and activity LEDs on the network switch and make sure that it’s illuminated to indicate that the SFP transceiver was properly inserted.

To remove an SFP transceiver, check the SFP link and activity LEDs to make sure that there isn’t any network activity in progress. Remove the SFP cable from the transceiver. Lift up the lever on the transceiver and gently pull it out of the SFP port.

Wire the power inputs

You can use either the universal power adapter or the terminal block to power the network switch. Alternatively, you can connect both the universal power adapter and the terminal block to create a redundant power input.

You should use wire ranging in size of 12 to 24 AWG.

**Caution!** Make sure that you ground the enclosure before you install the terminal block connector into the network switch.

1. Insert the grounding wire into the Ground port on the terminal block, and tighten the wire clamp screws.
2. Insert the positive DC power wire into the V+ port on the terminal block connector, and tighten the wire clamp screws.
3. Insert the negative DC power wire into the V- port on the terminal block connector, and tighten the wire clamp screws.
4. Insert the terminal block connector into the 3-pin terminal block on the network switch.

Reboot the network switch

The Reset button on the network switch is designed to reboot the network switch without turning off and turning on the power.

- To reboot the network switch, press the Reset button.
Reset to the default factory settings

You can use the *Reset button* to reset the network switch to the following default factory settings:

- **Default user name:** admin
- **Default password:** admin
- **Default IP address:** 192.168.0.100
- **Subnet mask:** 255.255.255.0
- **Default gateway:** 192.168.0.254

- To reset to the default factory settings, press and hold the *Reset button* for more than 5 seconds.

When you press the *Reset button*, the *port LED indicators* illuminate. When the LEDs are no longer illuminated, the reset sequence is complete.
Installation

Install the network switch onto a wall

The mounting holes on the network switch are 8 mm in diameter, and the distance between the two holes is 163 mm.

1. Hold the network switch against the wall in the area that you want to install it, and use a pencil to trace the location of the four mounting holes onto the wall.

2. Use the mounting holes that you traced on the wall as a template and drill holes in the wall.

3. Insert the four screw anchors into the holes.

Note: Make sure that the screw anchors are flush against the wall.

4. Place the network switch against the wall and insert the four screws through the mounting holes on the switch and into the screw anchors. (figure 1)

5. Tighten the screws.

6. To power the switch, connect the universal power adapter, wire the power inputs, or do both.

7. Connect RJ45 cables to the RJ45 ports on the network switch.

8. If necessary, insert SFP transceivers into the SFP ports on the network switch.

*actual product may vary from illustration
Install the switch onto a magnetic surface

1. Push each of the **attaching pins** into a **locking pin**.
2. Insert the **attaching** and **locking pins** into one of the **mounting holes** on the network switch, through a **washer**, and into a **magnet**.

**Note:** To prevent the magnets from becoming loose, make sure that you position the magnet so that the flat side is against the network switch.

3. Repeat step 2 for all of the **mounting holes** on the network switch. (*figure 2*)
4. Attach the network switch to a magnetic surface.
5. To power the switch, connect the universal power adapter, wire the power inputs, or do both.
6. Connect RJ45 cables to the **RJ45 ports** on the enclosure.
7. If necessary, insert SFP transceivers into the **SFP ports** on the network switch.

*actual product may vary from illustration*
Mount the switch onto a DIN rail

1. With the flat side of the DIN rail positioned against the network switch, line up the holes on the DIN rail with the holes on the switch.

2. Insert the DIN-rail screws through the DIN rail and into the network switch. (figure 3)

3. Tighten the screws.

   figure 3

4. Hook the DIN rail onto the top of the track, and push it against the track. (figure 4)

5. To power the switch, connect the universal power adapter, wire the power inputs, or do both.

6. Connect the RJ45 cables to the RJ45 ports on the enclosure.

7. If necessary, insert SFP transceivers into the SFP ports on the network switch.

   figure 4

*actual product may vary from illustration
Technical support
StarTech.com’s lifetime technical support is an integral part of our commitment to provide industry-leading solutions. If you ever need help with your product, visit www.startech.com/support and access our comprehensive selection of online tools, documentation, and downloads.
For the latest drivers/software, please visit www.startech.com/downloads

Warranty information
This product is backed by a two-year warranty.
StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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