TRENDnet®

Quick Installation Guide

TI-PG541i

Table of Content

1 English

1. Before You Start
2. Quick Reference
3. Hardware Installation
4. Hardware Configuration
5. Additional Information

1. Before You Start

Package Contents

- TI-PG541i
- Quick Installation Guide
- CD-ROM (User's Guide)

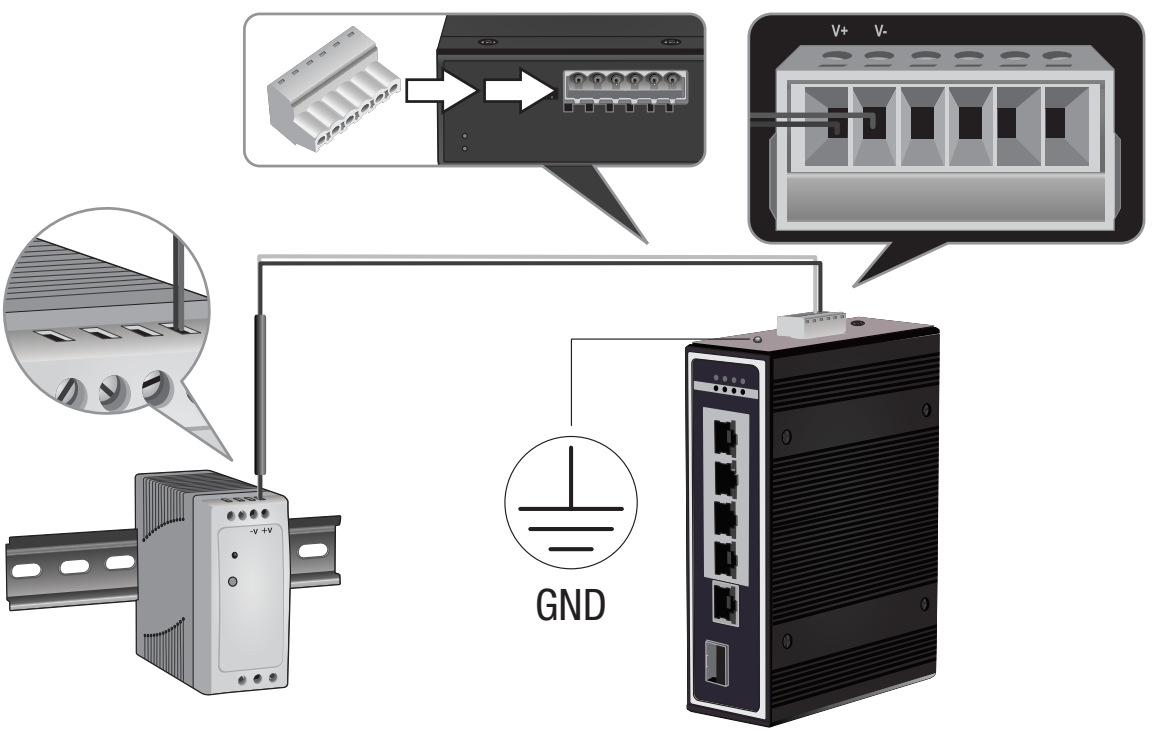
Minimum Requirements

- Power supply (ex. model TI-S24048 or 48VDC3000)
- Networked computer
- RJ-45 Network Cable

Optional Equipment

- 35 mm DIN-Rail
- SFP modules (e.g. TEG-MGBSR, TEG-MGBS80, TEG-MGBS10)

2. Quick Reference



3. Hardware Installation

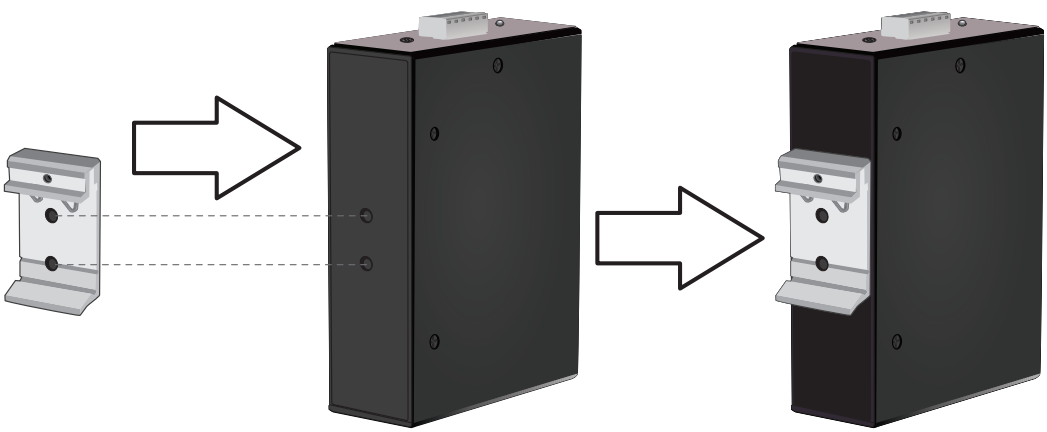
Note:

The maximum amount of power available is 30 Watts per port and 120 Watts total. If a power overload has occurred, the Switch will prioritize the distribution of power by port (from lowest to highest). That is, port 1 will receive the highest priority and port 4 will receive the lowest priority. The ports with lower priority will have its PoE function disabled until more than 7.5 watts of power becomes available.

The TI-PG541i can be placed on a desktop, wall, or mounted to a DIN-Rail.

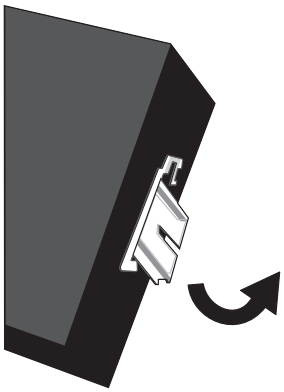
DIN-rail Mounting Instructions

1. Attach the DIN-Rail mount to TI-PG541i.

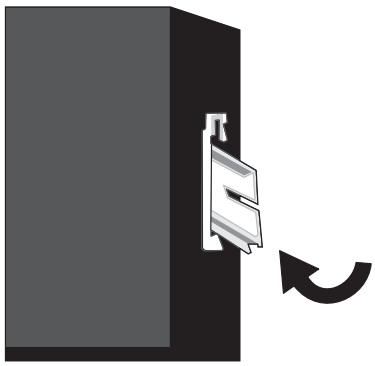


2. Position the unit in front of the DIN-Rail and hook the mount bracket over the top of the rail.

3. Rotate the TI-PG541i downward towards the rail to lock it into place. You will know it is secure when you hear the click.



Mounting the unit



Releasing the unit

4. To remove the unit, pull down to clear the bottom of the DIN-Rail and rotate away from the rail.

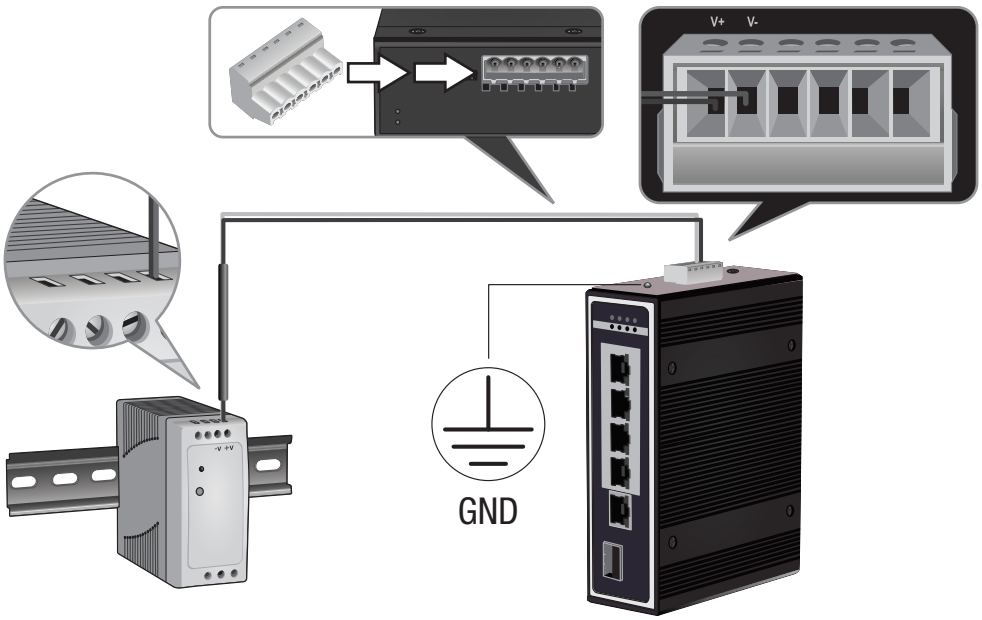
Applying Power

1. Connect the power supply (sold separately) to the included terminal block (as shown below) and secure with the screws.

   Note: Polarities must match.

2. Attach the terminal block to the unit.

Optional: The switch chassis can also be connected to a known grounding point for additional safety and protection (grounding wire is not included)

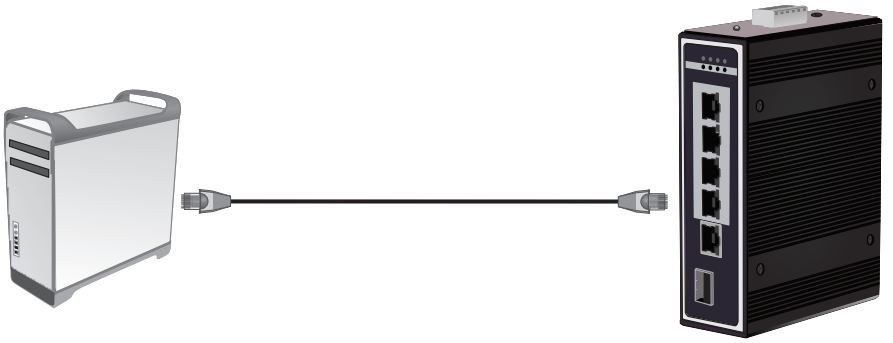


Safety Note

- Turn off the power before connecting any module or wire. The correct power supply voltage (48 – 57 V DC) is listed on the product label. Check the voltage of your power source to make sure that you are using the correct part. Do NOT use voltage greater than 48 – 57 V DC, as specified on the product label.
- Calculate the maximum possible current in each power wire and common wire. Observe all electrical codes dictating the maximum current allowable for each wire size. If the current surpasses the maximum ratings, the wiring could overheat, causing serious damage to your equipment.

4. Hardware Configuration

1

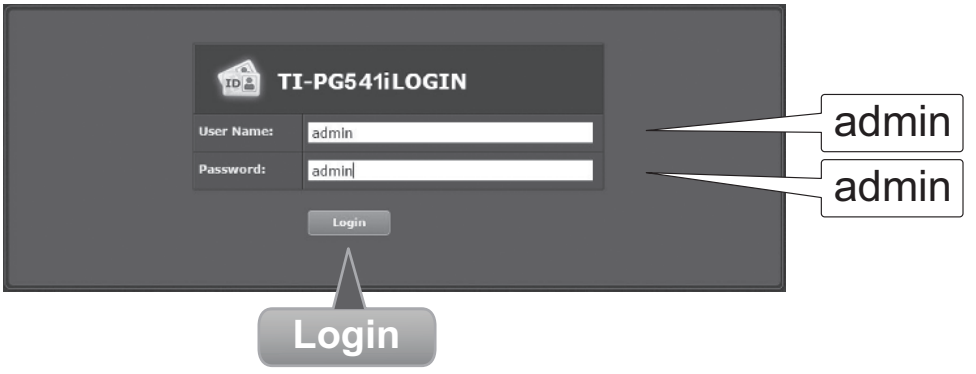


2. Assign a Static IP address to your computer's network adapter in the subnet of 192.168.10.x
   (e.g. 192.168.10.25) and a subnet mask of 255.255.255.0.
3. Open your web browser, type the IP address of the switch in the address bar, and then press **Enter**.
   The default IP address is 192.168.10.200
4. Enter the **User name** and **Password**, and then click **Login**. By default:

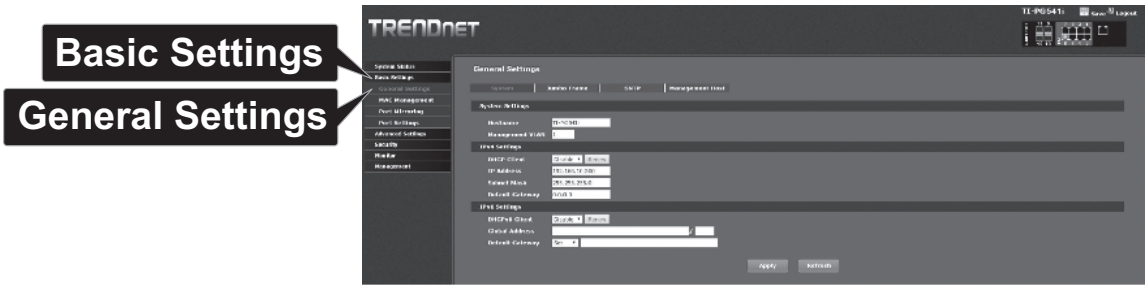
   User Name: **admin**

   Password: **admin**

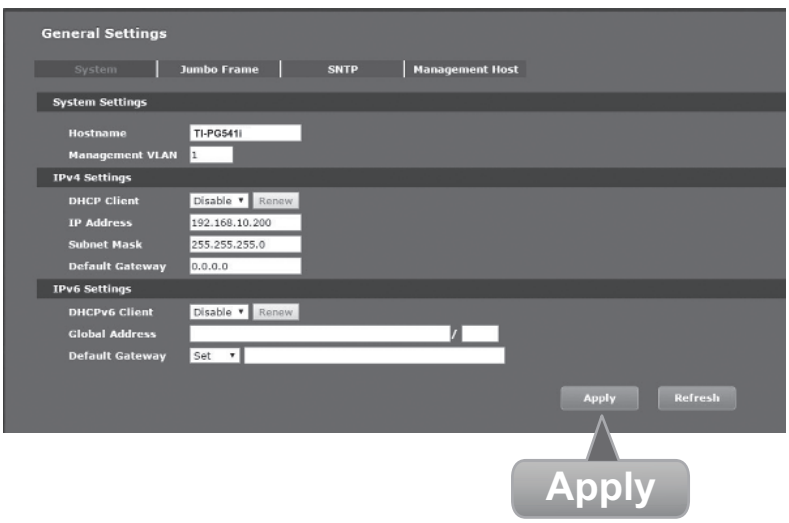
Note: User Name and Password are case sensitive.



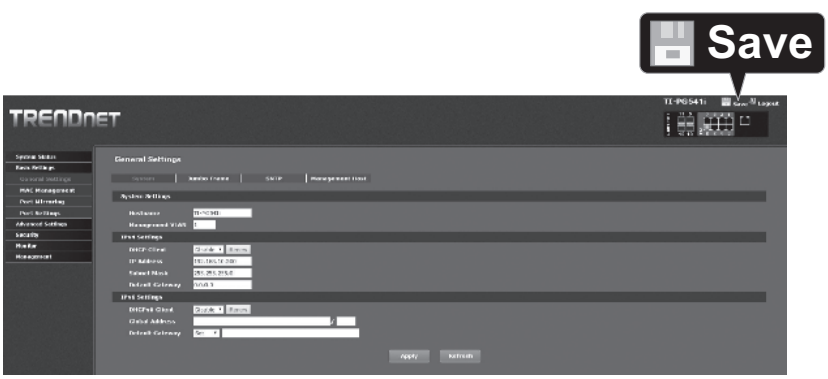
5. Click **Basic Settings** and then click **General Settings**.



6. Configure the switch to match the requirements of your network. Then click **Apply**.



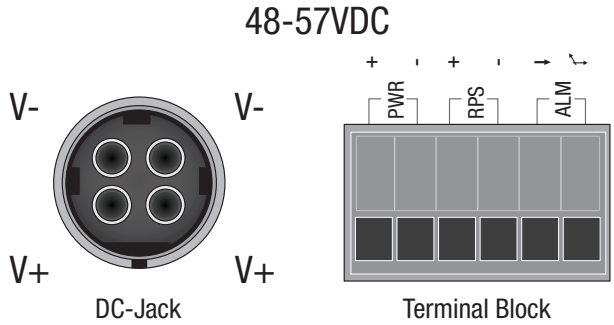
7. Click **Save**.



8. Connect a network source and devices to the switch. Check the LEDs to confirm the connections are established. Your installation is completed.

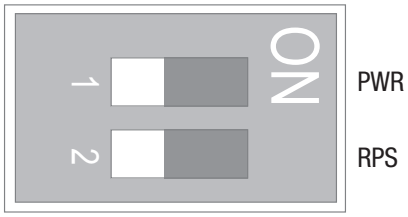
5. Additional Information

1. Redundant power inputs



Redundant Power Input: Choose either “DC-jack” or “Terminal Block (PWR)” as primary power and “Terminal Block (RPS)” for secondary power source, to be a redundant power Input.

2. DIP Switch



PWR	**ON**: Primary power alarm enabled
	OFF: Primary power alarm disabled
RPS	**ON**: Redundant power alarm enabled
	OFF: Redundant power alarm disabled

3. LED Indicators

PWR	**ON**: Terminal block PWR is connected
	OFF: No power or power source connected incorrectly
RPS	**ON**: Terminal block RPS is connected
	OFF: Terminal block RPS fail
ALM (Red)	**ON**: PWR/RPS failure
	OFF: No alarm setup
10/100/1000 Mbps	**ON**: Network speed at 1000 Mbps
	OFF: Network speed at 10/100 Mbps
LINK/ACT	**ON**: Port connection is established
	Blinking: Data is transmitting/receiving
	OFF: Port disconnected
SFP Slot 6	**ON**: SFP port link-up at 1000 Mbps
	Blinking: Data is transmitting/receiving
	OFF: Port disconnected
PoE Ports 1 - 4	**ON**: PoE/PoE+ device is connected
	OFF: No PoE power output or no PoE device connected

Note: To download the latest version of the user's guide, please go to http://www.trendnet.com/support and select the TI-PG541i within the Products Download dropdown list.

For detailed information regarding the **TI-PG541i**'s configuration and advanced settings, please refer to the User's Guide on the provided CD-ROM.

Declaration of Conformity

TRENDnet

Manufacturer's Name and Address

TRENDnet, Inc.
20675 Manhattan Place
Torrance, CA 90501 USA

CE

Product Information:

Model Number: TI-PG541i
Product Name: 6-Port Hardened Industrial Gigabit PoE+ Layer 2 Managed DIN-Rail Switch
Trade Name: TRENDnet

TRENDnet hereby declare that the product is in compliance with the essential requirements and other relevant provisions under our sole responsibility.

EMC

EN 55011: 2009 + A1: 2010 (Group 1, Class A)
EN 61000-3-2: 2014
EN 61000-3-3: 2013
EN 55022: 2010 + AC: 2011(Class A)
EN 55024: 2010

This product is herewith confirmed to comply with the Directives.

Directives:

EMC Directive 2004/108/EC + 2014/30/EU
RoHS Directive 2011/65/EU
REACH Regulation (EC) No. 1907/2006

Person responsible for this declaration.

Place of Issue: Torrance, California, USA

Date: February 9, 2016

Name: Sonny Su

Title: Director of Technology

Signature:

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TRENDnet warrants its products against defects in material and workmanship, under normal use and service. Specific warranty periods are listed on each of the respective product pages on the TRENDnet website.

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Safety notes
Before using your TRENDnet device for the first time, it is essential to read and understand all safety and operating instructions. Keep instructions in a safe place for future reference.

DANGER due to electricity
Warning: Never open TRENDnet devices. Doing so poses the risk of electric shock!

The device is voltage free only when unplugging from the mains power supply.

No physical maintenance of TRENDnet devices is required.

If damage occurs, disconnect the TRENDnet device from the power outlet and contact a qualified technician ONLY.

Damage is defined as:
- if the power cable/plug is damaged
- if the device has been submerged in liquid (e.g. rain or water)
- if the device is inoperable
- if there is damage to the housing of the device

Only operate TRENDnet devices using a mains power supply.

To disconnect devices from the mains supply, remove the device itself or its mains plug from the power outlet. The power outlet and all connected network devices should be easily accessible so that you can pull the mains plug quickly if needed.

This TRENDnet device is designed for indoor use only and in a dry location.

To clean a TRENDnet device, disconnect it from the mains supply first and only use a dry towel.

DANGER due to overheating

Never expose TRENDnet device to extreme heat (e.g. direct sunlight, fire, or other heat sources).

Do not interlock multiple TRENDnet devices.

Only install TRENDnet devices in locations with adequate ventilation (slots and openings on the housing are used for ventilation).

- Do not cover TRENDnet devices when operating.
- Do not place any objects on TRENDnet devices.
- Do not insert any foreign objects into the openings of TRENDnet devices.
- Do not place TRENDnet devices next to an open flame (e.g. fire or candles).
- Do not expose TRENDnet devices to direct heat (e.g. radiator or direct sunlight).

Certifications

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.
(2) This device must accept any interference received. Including interference that may cause undesired operation.

Waste electrical an electronic products must not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or Retailer for recycling advice.

Applies to PoE Products Only: This product is to be connected only to PoE networks without routing to the outside plant.

Note

The Manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

Advertencia

En todos nuestros equipos se mencionan claramente las caracteristicas del adaptador de alimentacón necesario para su funcionamiento. El uso de un adaptador distinto al mencionado puede producir daños fisicos y/o daños al equipo conectado. El adaptador de alimentación debe operar con voltaje y frecuencia de la energia electrica domiciliaria exitente en el pais o zona de instalación.

Technical Support

If you have any questions regarding the product installation, please contact our Technical Support.
Toll free US/Canada: **1-866-845-3673**
Regional phone numbers available at www.trendnet.com/support

TRENDnet
20675 Manhattan Place
Torrance, CA 90501
USA

Product Warranty Registration

Please take a moment to register your product online. Go to TRENDnet's website at:
www.trendnet.com/register

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