

# TRENDnet®



## Quick Installation Guide

### TI-PG1284i

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# 1. Before You Start

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## Package Contents

- TI-PG1284i
- Quick Installation Guide
- CD-ROM (User's Guide)
- Console cable

## Minimum Requirements

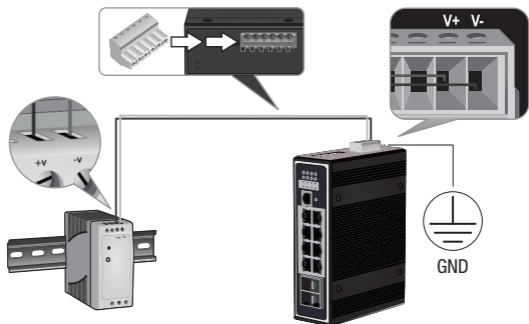
- Power supply (ex. model TI-S24048)
- Networked computer
- RJ-45 Network Cable

## Optional Equipment

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

# 2. Quick Reference

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### 3. Hardware Installation

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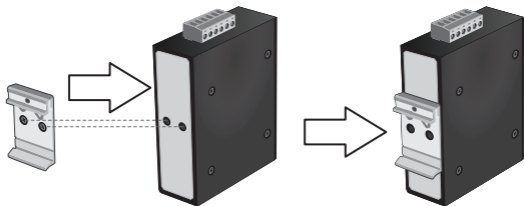
#### **Note:**

The maximum amount of power available is 30 Watts per port and 240 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 8 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-PG1284i 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-PG1284i.



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-PG1284i 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.

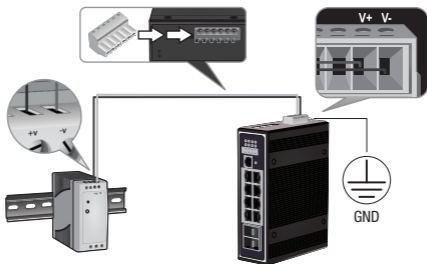
### **Applying Power**

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)



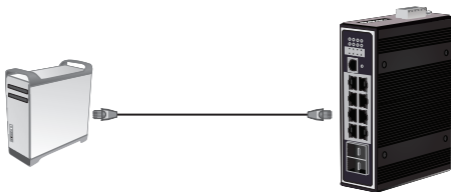
## Safety Note



- 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

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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**

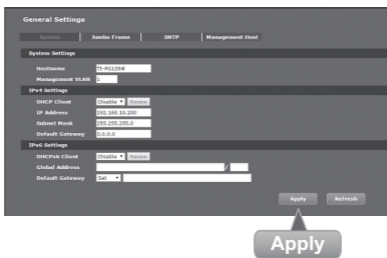
**Note:** User Name and Password are case sensitive.



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**.

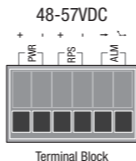


8. Connect a network source and devices to the switch. Check the LEDs to confirm the connections are established. Your installation is completed.



## 5. Additional Information

### 1. Redundant power inputs



**Redundant Power Input:** “Terminal Block (PWR)” as primary power and “Terminal Block (RPS)” for secondary power source, to be a redundant power Input.

### 2. DIP Switch



<b>PWR</b>	<b>ON:</b> Primary power alarm enabled
	<b>OFF:</b> Primary power alarm disabled
<b>RPS</b>	<b>ON:</b> Redundant power alarm enabled
	<b>OFF:</b> Redundant power alarm disabled
<b>P1-12</b>	<b>ON:</b> Port link status alarm enabled
	<b>OFF:</b> Port link status alarm disabled

### 3. LED Indicators

<b>PWR</b>	<b>ON:</b> Terminal block PWR is connected
	<b>OFF:</b> Terminal block PWR failure
<b>RPS</b>	<b>ON:</b> Terminal block RPS is connected
	<b>OFF:</b> Terminal block RPS failure
<b>ALM (Red)</b>	<b>ON:</b> PWR/RPS failure
	<b>OFF:</b> No alarm setup
<b>POST</b>	<b>ON:</b> Device system ready
	<b>OFF:</b> Device system not ready
<b>10/100/1000 Mbps</b>	<b>ON:</b> Network speed at 1000 Mbps
	<b>Orange:</b> Network speed at 10/100 Mbps
<b>LINK/ACT</b>	<b>ON:</b> Port connection is established
	<b>Blinking:</b> Data is transmitting/receiving
	<b>OFF:</b> Port disconnected
<b>SFP Slots 9 - 12</b>	<b>ON:</b> SFP port link-up at 1000 Mbps
	<b>Blinking:</b> Data is transmitting/receiving
	<b>OFF:</b> Port disconnected
<b>PoE Ports 1 - 8</b>	<b>ON:</b> PoE/PoE+ device is connected
	<b>OFF:</b> 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-PG1284i within the Products Download dropdown list.

For detailed information regarding the **TI-PG1284i**'s configuration and advanced settings, please refer to the User's Guide on the provided CD-ROM.

# Declaration of Conformity

TRENDNET<sup>®</sup>

## Manufacturer's Name and Address

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



## Product Information:

**Model Number:** TI-PG1284i

**Product Name:** 12-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:

A handwritten signature in black ink, appearing to read 'Sonny Su', is written over a horizontal line.

## **Limited Warranty**

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.

## **Garantie Limitée**

TRENDnet garantit ses produits contre les problèmes de matériel ou de fabrication, dans des conditions normales d'utilisation et de service. Les périodes de garanties précises sont mentionnées sur chacun des pages produits du site web de TRENDnet.

## **Eingeschränkte Garantie**

TRENDnet gewährt eine Garantie für seine Produkte im Falle von Material- und Bearbeitungsdefekten, bei normaler Verwendung und Wartung. Spezielle Garantiezeiträume werden auf jeder Produktseite auf der Website von TRENDnet genannt.

## **Garantía limitada**

TRENDnet garantiza que sus productos carecen de defectos en el material y la fabricación, en condiciones de uso y funcionamiento normales. Los periodos específicos de garantía figuran en cada una de las páginas de producto del sitio web de TRENDnet.

## **Ограниченная гарантия**

Компания TRENDnet предоставляет гарантию на свои изделия от дефектов материалов и сборки при нормальном использовании и обслуживании. Конкретные гарантийные сроки указаны на странице каждого продукта на сайте компании TRENDnet.

## **Garantia Limitada**

A TRENDnet garante seus produtos contra defeitos de material e mão de obra sob condições normais de uso e serviço. Os períodos de garantia específicos estão listados em cada uma das páginas dos respectivos produtos no site da TRENDnet.

## **Piiratud garantii**

TRENDneti garantii hõlmab materjali- ja koostamisdefekte, mis ilmnevad toote tavapärasel kasutamisel. Garantiaaja täpne pikkus konkretse toote puhul on leitav TRENDneti kodulehelt vastava toote infolehel.

## **Garanzia limitata**

TRENDnet garantisce i propri prodotti da difetti di materiali e manodopera, in condizioni di normale uso ed esercizio. I periodi di garanzia specifici sono elencati sulle rispettive pagine di prodotto sul sito TRENDnet.

## 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.

Some TRENDnet products are rated for outdoor applications and can sustain certain weather conditions.

Please refer to the product's Ingress Protection (IP) rating and the operating humidity and temperature range.

### **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; except products that are rated for outdoor applications)
- 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.

TRENDnet devices are designed for indoor use only and in a dry location (except those that are rated for outdoor applications)

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 devices to extreme heat (e.g. direct sunlight, fire, or other heat sources). For outdoor rated products, please install the product in an environment that is within the product's operating temperature and humidity range.

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 and 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.

## 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](http://www.trendnet.com/support)

## TRENDnet

20675 Manhattan Place  
Torrance, CA 90501  
USA

**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 características del adaptador de alimentación necesario para su funcionamiento. El uso de un adaptador distinto al mencionado puede producir daños físicos y/o daños al equipo conectado. El adaptador de alimentación debe operar con voltaje y frecuencia de la energía eléctrica domiciliar existente en el país o zona de instalación.

## Product Warranty Registration

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