

TRENDnet[®]



Quick Installation Guide

TI-SG104 (V1)

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1. Before You Start

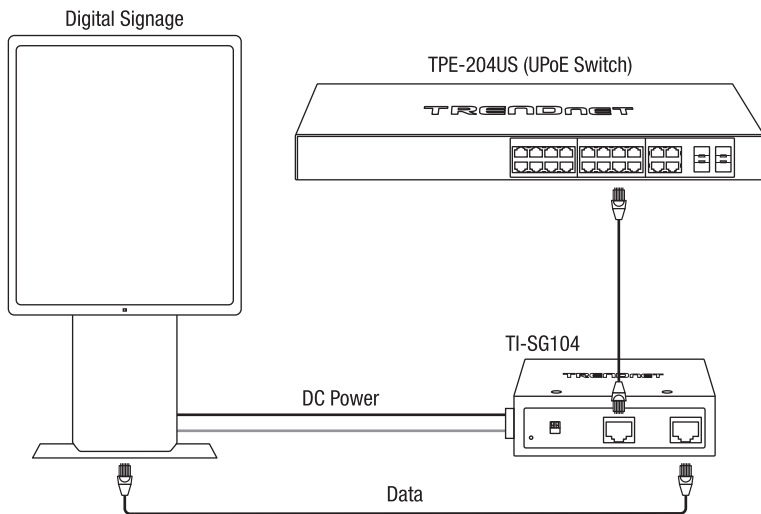
Package Contents

- TI-SG104
- Quick Installation Guide
- Removable terminal block
- DIN-rail mount
- Wall mount kit

Minimum Requirements

- Existing network
- Ultra PoE/PoE+/PoE Power Source Equipment (PSE)
- DC Wires
- Ethernet Cable

2. Quick Reference

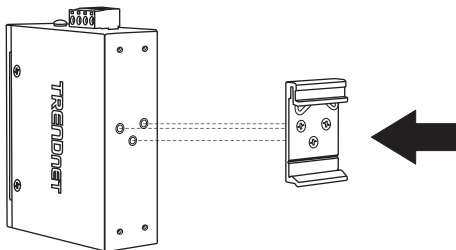


3. Hardware Installation

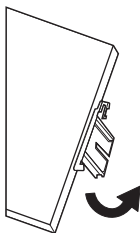
The Ultra PoE splitter can be placed on a desktop, wall, or mounted to a DIN-Rail.

DIN-rail Mounting Instructions

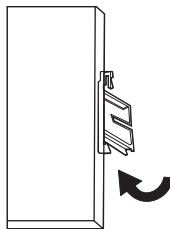
1. Attach the DIN-Rail mount to the Ultra PoE Splitter.



2. Position the unit in front of the DIN-Rail and hook the mount bracket over the top of the rail.
3. Rotate the fiber splitter downward towards the rail to lock it into place. You will know it is secure when you hear the click.



Mounting the unit

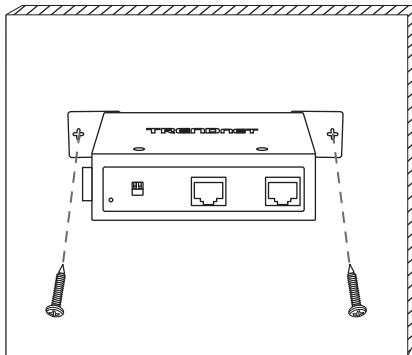


Releasing the unit

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

Wall Mounting Instructions

1. Attach the wall mount plates to TI-SG104 using the provided screws.
2. Mount the splitter onto the desired wall location.



Safety Note



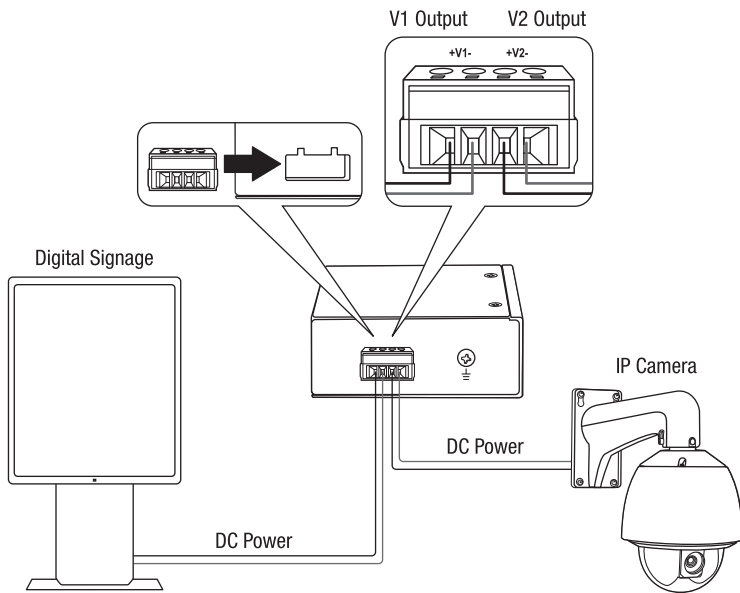
- Turn off the power before connecting any module or wires. The adjustable output voltages (12, 16, 24, 48V DC) and corresponding DIP switch settings are listed on the device label. Check the voltage requirements of the device you are powering and set the DIP switches accordingly.
- Calculate the maximum 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.

Powering your Device

1. Install the included terminal block onto TI-SG104.
2. Insert the Negative/Positive DC wires into V1 output terminals.
3. Connect the other ends of the DC wires to the powered device.

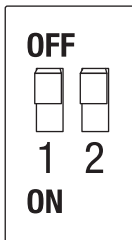
Note: Polarities must match.

4. Tighten the terminal block screws to secure the power connection.
5. Configure the Ultra PoE Splitter's DIP switch to meet your application voltage requirements.
6. Connect TI-SG104 to an Ultra PoE PSE to power on the device.
7. Connect an Ethernet cable from TI-SG104's Data port to your powered device.



4. Additional information

DIP Switch



DIP 1	DIP 2	Output Voltage
OFF	OFF	48V DC (default)
ON	OFF	24V DC
OFF	ON	16V DC
ON	ON	12V DC

PoE Input	Max. DC Output (split between two devices)
95W	<ul style="list-style-type: none">• 48V DC (1.25A) Output: 60W• 24V DC (2.3A) Output: 55W• 16V DC (2.18A) Output: 35W• 12V DC (2.25A) Output: 27W
60W	<ul style="list-style-type: none">• 48V DC (1.16A) Output: 56W• 24V DC (2.12A) Output: 51W• 16V DC (2.18A) Output: 35W• 12V DC (2.16A) Output: 26W
30W	<ul style="list-style-type: none">• 48V DC (0.52A) Output: 25W• 24V DC (0.95A) Output: 23W• 16V DC (1.37A) Output: 22W• 12V DC (1.83A) Output: 22W
15.4W	<ul style="list-style-type: none">• 48V DC (0.22A) Output: 10.6W• 24V DC (0.44A) Output: 10.7W• 16V DC (0.63A) Output: 10.2W• 12V DC (0.85A) Output: 10.2W

Declaration of Conformity

TRENDnet®

Manufacturer's Name and Address

TRENDnet, Inc.
20675 Manhattan Place
Torrance, CA 90501 USA
Zwolsestraat 156 2587 WB
The Hague The Netherlands



Product Information:

Model Number: TI-SG104
Product Name: Industrial Gigabit UPoE Splitter
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 55032:2015 + AC: 2016 Class A
AS/NZS CISPR 32: 2015 Class A
CISPR 32: 2015 Class A
EN 55024: 2010 + A1: 2015
EN 61000-4-2: 2009
EN 61000-4-3:2006 + A1: 2008 + A2: 2010
EN 61000-4-4:2012
EN 61000-4-5:2014
EN 61000-4-6:2014 + AC: 2015
EN 61000-4-8: 2010

This product is herewith confirmed to comply with the Directives.

Directives: EMC Directive 2014/30/EU
RoHS Directive 2011/65/EU
WEEE Directive 2011/65/EU
REACH Regulation (EC) No. 1907/2006

Person responsible for this declaration.

Place of Issue: Torrance, California, USA

Date: June 21, 2021

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.



Declaration of Conformity

TRENDnet®

Manufacturer's Name and Address

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

Authorized Representative:
Office: +44 (0) 1635 887 399
Unit 4 Rivermead Business Park,
Pipers Way, Thatcham, RG19 4EP England



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Directives: Electromagnetic Compatibility Regulations 2016
The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012
The Waste Electrical and Electronic Equipment Regulations 2013 (as amended)
The REACH Enforcement Regulations 2008 (as amended)

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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.

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.

Technical Support

If you have any questions regarding the product installation, please contact our Technical Support.

Toll free US/Canada: **1-855-373-4741**

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