



## Quick Installation Guide



**TPE-111GI**  
**TPE-112GS**

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# 1. Antes de iniciar



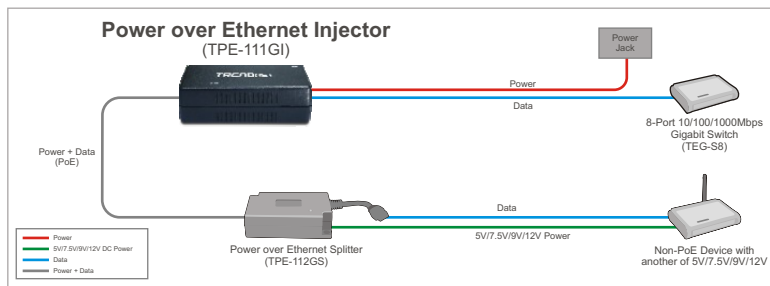
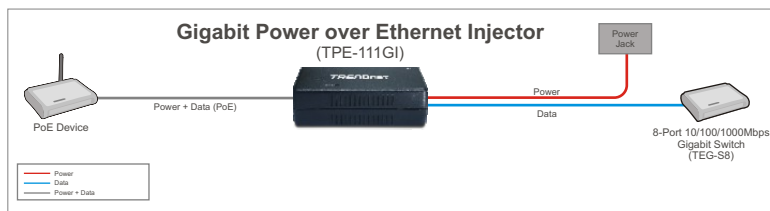
## Contenidos del paquete

- TPE-111GI/TPE-112GS
- Cable de alimentación (TPE-111GI)
- 2 x Cables del jumper (TPE-112GS)

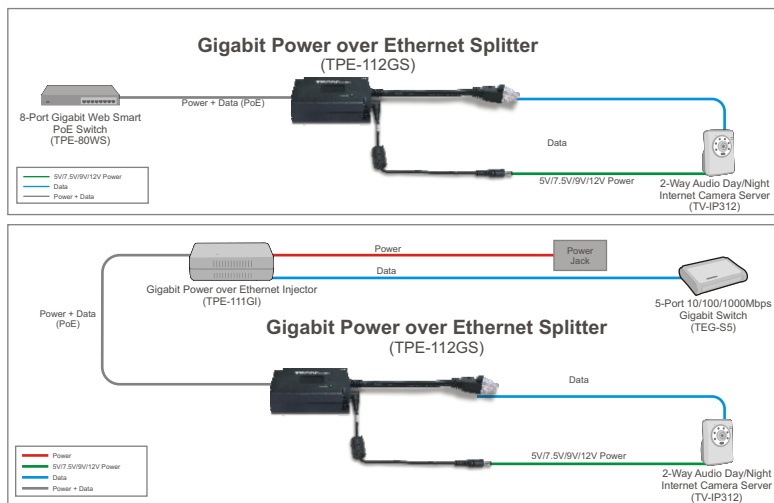
**Nota:** El TPE-111GI y el TPE-112GS sólo son compatibles con dispositivos Power Over Ethernet (PoE) que siguen el estándar IEEE 802.3af

**Nota:** El TPE-112GS sólo es compatible con dispositivos no-PoE que tengan una salida de alimentación de 5V, 7.5V, 9V ó 12V.

## Aplicación (TPE-111GI)



## Aplicación (TPE-112GS)



### Panel frontal

#### **Alimentación**

Una luz verde se enciende cuando el cable de alimentación está conectado a una toma de corriente y el dispositivo PoE está conectado al inyector.



#### **Alimentación**

Una luz verde se enciende cuando el dispositivo PoE está conectado al divisor (splitter).



### Uso del TPE-111GI con un dispositivo PoE

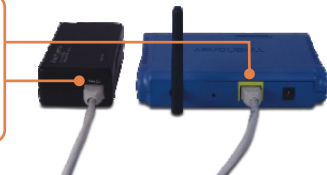
1. Conecte el **cable de alimentación** al **Adaptador de CA**. Después conecte el cable de alimentación a un tomacorriente.



2. Conecte un cable CAT-5/5e del conmutador (e.g. TEG-S8) al puerto **DATA IN** del TPE-111GI.



3. Conecte un cable CAT-5/5e desde un dispositivo PoE (ej. TEW-434APB) al puerto **PoE OUT** del TPE-111GI.



## Uso del TPE-112gs con un dispositivo no PoE

**Nota:** Preste atención a la salida de alimentación de su dispositivo no PoE. El TPE-112GS sólo es compatible con dispositivos no-PoE que tengan una salida de alimentación de 5V, 7.5V, 9V ó 12V.

1. Seleccione el voltaje adecuado (5V, 7.5V, 9V ó 12V.).



2. Conecte un cable Ethernet desde el conmutador PoE al puerto **PoE In** del TPE-112GS.



3. Conecte el cable ethernet integrado del TPE-112GS al puerto para LAN del dispositivo no PoE. (Como el TEW-633GR).



4. Conecte el cable jumper suministrado a un dispositivo no PoE (ej. TEW-633GR) y al TPE-112GS.

**La instalación ha sido completada**

### Registre su producto

Para asegurar los más altos niveles de servicio y apoyo al cliente, registre su producto en línea en: [www.trendnet.com/register](http://www.trendnet.com/register)

Gracias por elegir TRENDnet

# Technical Specifications

|                                   |           |  |
|-----------------------------------|-----------|--|
| <b>Applicable Standards</b>       |           | IEEE 802.3 10BASE-T<br>IEEE 802.3u 100BASE-TX<br>IEEE 802.3ab 1000BASE-T<br>IEEE 802.3af Power Over Ethernet (PoE) |
| <b>Ethernet Pin Usage</b>         |           | Data: 1, 2, 3, 6 Power: 4, 5 (V+), 7, 8 (V-)   |
| <b>Fixed Ports</b>                | TPE-111GI | 1 Data In, 1 PoE Out   |
|                                   | TPE-112GS | 1 PoE In, 1 Data Out   |
| <b>Speed</b>                      |           | 10/20Mbps for half/full-duplex<br>100/200Mbps for half/full-duplex<br>2000Mbps for full-duplex                     |
| <b>LED Indicators</b>             |           | POWER  |
| <b>DIP Switches</b>               | TPE-112GS | DC OUT (5V, 7.5V, 9V, 12V)   |
| <b>Ethernet Cable</b>             |           | 10BASE-T : UTP/STP Cat. 3, 4, 5<br>100BASE-TX : UTP/STP Cat. 5, 5e, 6<br>1000BASE-T : UTP/STP Cat. 5e, 6           |
| <b>Jumper Cables (Dimensions)</b> |           | 1 x 5.5 x 2.0mm 1 x 5.5 x 2.5mm  |
| <b>Dimensions</b>                 | TPE-111GI | 115 x 57 x 35mm (4.5 x 2.2 x 1.4 in.)  |
|                                   | TPE-112GS | 80 x 55 x 26mm (3.2 x 2.17 x 1.03 in.)   |
| <b>Weight</b>                     | TPE-111GI | 325g (11.6oz.)   |
|                                   | TPE-112GS | 120g (4.23oz.)   |
| <b>Power</b>                      | TPE-111GI | 48V DC, 0.3A   |
|                                   | TPE-112GS | DC Output 5V, 7.5V, 9V, or 12V   |
| <b>Power Consumption</b>          | TPE-111GI | 19 Watts (max)   |
|                                   | TPE-112GS | 12 Watts (max)   |
| <b>Operating Temperature</b>      |           | 0°C ~ 45°C (32°F ~ 104°F)  |
| <b>Storage Temperature</b>        |           | -40°C ~ 70°C (14°F ~ 158°F)  |
| <b>Humidity</b>                   |           | 10 ~ 90%, non-condensing   |
| <b>Certificates</b>               |           | FCC, CE  |



**Q1: Why is the POWER LED off on the TPE-111GI?**

**A1:** First, make sure the TPE-111GI is connected into a power outlet. Second, make sure that the PoE device is connected properly to the TPE-111GI. Third, try using another CAT-5/5e cable.

**Q2: Why is the POWER LED off on the TPE-112GS?**

**A2:** First, make sure that the TPE-112GS is connected properly to the PoE switch or TPE-111GI (See 3.Hardware Installation). Second, try using another CAT-5/5e cable.

**Q3: Will the TPE-111GI work with any PoE device?**

**A3:** Any PoE device that follows the IEEE 802.3af standard will work with TPE-111GI.

**Q4: Will the TPE-112GS work with any non-PoE device?**

**A4:** Non-PoE devices such as access points will work with the TPE-112GS only if the non-PoE device operates at 5V, 7.5V, 9V or 12V.

**Q5: I connected my non-PoE device into the TPE-112GS, but my switch does not recognize the device.**

**A5:** Power cycle the non-PoE device by either pulling out the power adapter connector from the PoE injector or disconnecting the Ethernet cable from the PoE Out port. Reinsert the connection after 5-10 seconds have elapsed.

**Q6: My device is powered after I connect to the TPE-111GI /TPE-112GS, but I am not getting Gigabit speeds. What should I do?**

**A6:** Make sure to use a Cat-5/5e or Cat 6 Ethernet cable. Some CAT-5/5e cables are not rated to run in Gigabit.

If you still encounter problems or have any questions regarding the Fiber converters, please contact TRENDnet's Technical Support Department.

## Limited Warranty

TRENDnet warrants its products against defects in material and workmanship, under normal use and service, for the following lengths of time from the date of purchase.

### **TPE-111GI/TPE-112GS - 5 Year Warranty**

If a product does not operate as warranted above during the applicable warranty period, TRENDnet shall, at its option and expense, repair the defective product or deliver to customer an equivalent product to replace the defective item. All products that are replaced will become the property of TRENDnet. Replacement products may be new or reconditioned.

TRENDnet shall not be responsible for any software, firmware, information, or memory data of customer contained in, stored on, or integrated with any products returned to TRENDnet pursuant to any warranty.

There are no user serviceable parts inside the product. Do not remove or attempt to service the product through any unauthorized service center. This warranty is voided if (i) the product has been modified or repaired by any unauthorized service center, (ii) the product was subject to accident, abuse, or improper use (iii) the product was subject to conditions more severe than those specified in the manual.

Warranty service may be obtained by contacting TRENDnet office within the applicable warranty period for a Return Material Authorization (RMA) number, accompanied by a copy of the dated proof of the purchase. Products returned to TRENDnet must be pre-authorized by TRENDnet with RMA number marked on the outside of the package, and sent prepaid, insured and packaged appropriately for safe shipment.

WARRANTIES EXCLUSIVE: IF THE TRENDNET PRODUCT DOES NOT OPERATE AS WARRANTED ABOVE, THE CUSTOMER'S SOLE REMEDY SHALL BE, AT TRENDNET'S OPTION, REPAIR OR REPLACEMENT. THE FOREGOING WARRANTIES AND REMEDIES ARE EXCLUSIVE AND ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, EITHER IN FACT OR BY OPERATION OF LAW, STATUTORY OR OTHERWISE, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. TRENDNET NEITHER ASSUMES NOR AUTHORIZES ANY OTHER PERSON TO ASSUME FOR IT ANY OTHER LIABILITY IN CONNECTION WITH THE SALE, INSTALLATION, MAINTENANCE OR USE OF TRENDNET'S PRODUCTS.

TRENDNET SHALL NOT BE LIABLE UNDER THIS WARRANTY IF ITS TESTING AND EXAMINATION DISCLOSE THAT THE ALLEGED DEFECT IN THE PRODUCT DOES NOT EXIST OR WAS CAUSED BY CUSTOMER'S OR ANY THIRD PERSON'S MISUSE, NEGLIGENCE, IMPROPER INSTALLATION OR TESTING, UNAUTHORIZED ATTEMPTS TO REPAIR OR MODIFY, OR ANY OTHER CAUSE BEYOND THE RANGE OF THE INTENDED USE, OR BY ACCIDENT, FIRE, LIGHTNING, OR OTHER HAZARD.

LIMITATION OF LIABILITY: TO THE FULL EXTENT ALLOWED BY LAW TRENDNET ALSO EXCLUDES FOR ITSELF AND ITS SUPPLIERS ANY LIABILITY, WHETHER BASED IN CONTRACT OR TORT (INCLUDING NEGLIGENCE), FOR INCIDENTAL, CONSEQUENTIAL, INDIRECT, SPECIAL, OR PUNITIVE DAMAGES OF ANY KIND, OR FOR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA, OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE SALE, INSTALLATION, MAINTENANCE, USE, PERFORMANCE, FAILURE, OR INTERRUPTION OF THE POSSIBILITY OF SUCH DAMAGES, AND LIMITS ITS LIABILITY TO REPAIR, REPLACEMENT, OR REFUND OF THE PURCHASE PRICE PAID, AT TRENDNET'S OPTION. THIS DISCLAIMER OF LIABILITY FOR DAMAGES WILL NOT BE AFFECTED IF ANY REMEDY PROVIDED HEREIN SHALL FAIL OF ITS ESSENTIAL PURPOSE.

Governing Law: This Limited Warranty shall be governed by the laws of the state of California.

Note: AC/DC Power Adapter, Cooling Fan, Cables and Power Supply carry a 1-Year Warranty

## Certifications

This equipment has been tested and found to comply with FCC and CE 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 you Local Authority or Retailer for recycling advice.



**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 CASO DE REQUERIR AC ADAPTER

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.



## TRENDnet Technical Support

### US • Canada

**Toll Free Telephone:** 1(866) 845-3673

24/7 Tech Support



### Europe (Germany • France • Italy • Spain • Switzerland • UK)

**Toll Free Telephone:** +00800 60 76 76 67

English/Espanol - 24/7

Francais/Deutsch - 11 am-8pm, Monday - Friday MET

### Worldwide

**Telephone:** +(31) (0) 20 504 05 35

English/Espanol - 24/7

Francais/Deutsch - 11 am-8pm, Monday - Friday MET

## Product Warranty Registration

Please take a moment to register your product online.

Go to TRENDnet's website at <http://www.trendnet.com/register>

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