User's Guide

TRENDNET ®

Powerline 500 AV Nano Adapter
Powerline 500 AV Nano Adapter Kit

TPL-406E/ TPL-406E2K

Contents

Product Overview

TPL-406E   **TPL-406E2K**

Package Contents

TPL-406E package includes:

- 1 x TPL-406E
- Quick Installation Guide
- Network cable (1.5 m / 5 ft.)

TPL-406E2K package includes:

- 2 x TPL-406E
- Quick Installation Guide
- 2 x Network cables (1.5 m / 5 ft.)

Features

The Powerline 500 AV Nano Adapter(s), uses an electrical outlet to create a high speed network. Two adapters are needed to start a network. Connect one adapter to your router and plug another adapter into an outlet on your electrical system for instant high speed network access. The compact form factor saves space around crowded electrical outlets. Use up to 8 adapters to network devices in different rooms without running new cabling.

Link Button

Press the Link button to change existing Powerline encryption keys

Pre-Encrypted

For your security the Powerline signal is pre-encrypted

Powerline 500

High speed Powerline networking over existing electrical lines

Ethernet Ports

Convenient Ethernet port to hardwire computer, smart TV, or other network enabled device

Cross Compatible

TRENDnet Powerline Homeplug AV adapters work together

Quick Setup

Get up and running in minutes with the intuitive guided setup

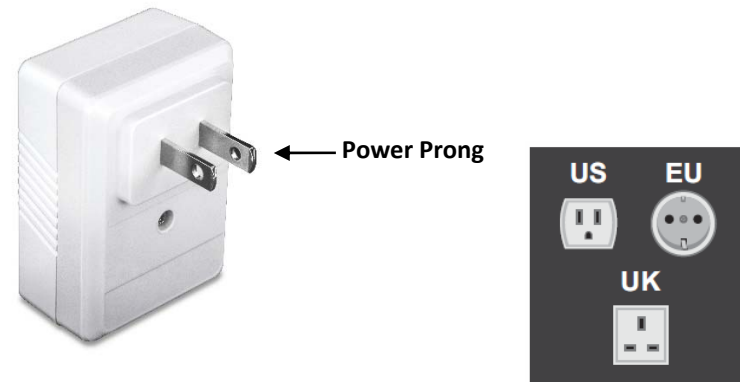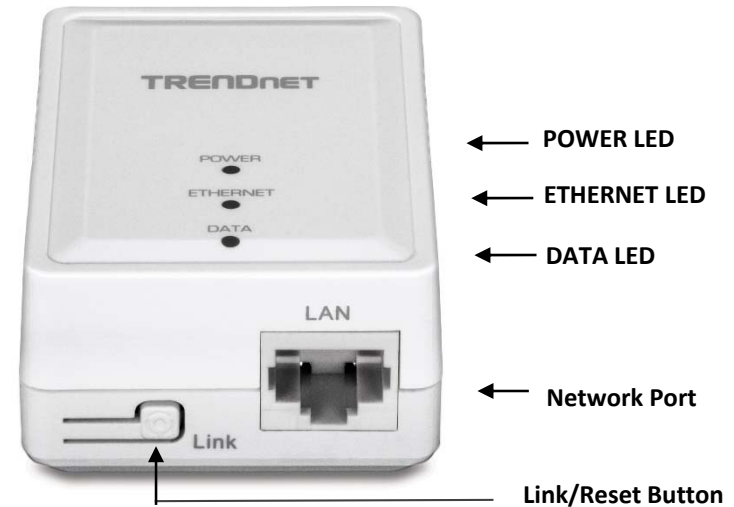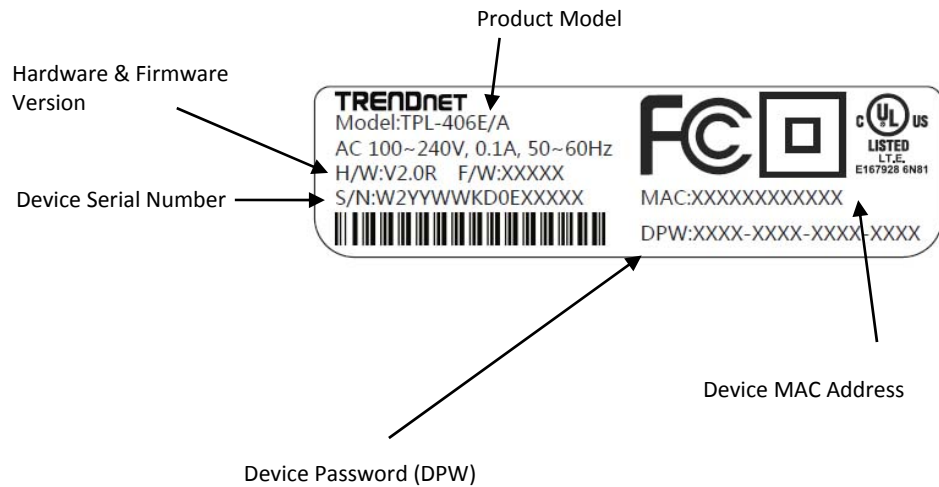* Maximum of 8 adapters (nodes) recommended for streaming video across your network.

** 500Mbps is the maximum theoretical Powerline data rate. Actual throughput will vary depending on environment.

*** Networked Powerline devices need to be plugged into power outlets that are on the same electrical system.

**** GFCI outlets and AFCI circuit breakers may degrade Powerline network signals.

Product Hardware Features

Device Label

Product Model

Hardware & Firmware
Version

TRENDnET
Model:TPL-406E/A
AC 100~240V, 0.1A, 50~60Hz
H/W:V2.0R   F/W:XXXXX
S/N:W2YYWWKD0EXXXXX   MAC:XXXXXXXXXXXX
DPW:XXXX-XXXX-XXXX-XXXX

Device Serial Number

FCC ⊡ c(UL)us
LISTED
L.T.E.
E167928 6N81

Device MAC Address

Device Password (DPW)

POWER LED

ETHERNET LED

DATA LED

LAN

Network Port

Link

Link/Reset Button

Power Prong

US   EU

UK

- **Network Port -** Connect an Ethernet cable (also called network cable) from your Powerline adapter Ethernet port and to your computer or network device.

- **Link Button –** Changes the default encryption key or resets the unit to factory defaults. See table below for function.

Button	Action	Function
Link / Reset (see the section Using the Sync Button for instructions)	**Link** Push/hold for 3 seconds, then release	Initiate Link/Connection and generate random network name/key (DATA LED will go off then return to solid after connection is made). *Note: The secondary or additional Powerline adapter's Link button must also be pushed within 2 minutes (120 sec) of pushing the Link button on the first adapter in order to establish connectivity.*
	Reset Push/Hold for 10 seconds, then release	Reset device to factory defaults (All LEDs will turn off and turn back on). Note: Will reset to the factory default private network name "HomePlug AV".

- **Power Prong** – Plugs into an available power outlet.

- **Diagnostic LEDs –** Indicates the device status and connectivity.

LED	Color	Sequence	Definition
POWER	Green	On	Device powered on
	N/A	Off	Device powered off
ETHERNET	Green	On	10/20 Mbps , 100/200Mbps (Half/Full Duplex) connected
	N/A	Off	Port disconnected/no Ethernet link
DATA (Powerline)	Green	On	Powerline connected
	Green	Blinking	Syncing or Powerline data transmitting/receiving (Connection quality is Best)
	N/A	Off	Powerline is not synced or connected

Note: The following factors may affect the Powerline network's connection quality:

- *Noise – Generated by appliances which use your electrical system (e.g. Microwaves, ovens, blow dryer, iron, dishwasher, etc.). The quality of your household electrical wiring may also cause additional noise on your electrical system.*
- *Distance – Long lengths of electrical wiring through your electrical system between connected Powerline adapters.*

Power Saving: The device will automatically reduce power usage when the connected device via Ethernet is powered off, unplugged or inactive for more than 5 minutes. The device will return to active mode when the connected device via Ethernet is powered on and the link is active.

Note: This device offers EU compliant Standby mode functionality. To turn off the device, unplug it from the power outlet.

Installing your Powerline Adapters

Before you Install

1. Before you proceed with the installation, verify the following:

- You already have a router already installed.
- You already have Internet access through your existing network.
- An Ethernet port (also called LAN port) is available on your router.
- Verify that you have at least two Powerline adapters. You will need at least two Powerline adapters to create a Powerline network.

  Note: The TPL-406E package only includes a single Powerline adapter. Please ensure that your other Powerline adapter is HomePlug® AV or IEEE 1901 compliant (e.g. TRENDnet models TPL-407E, TPL-410AP or another TPL-406E.)

2. Plan the location of where you will install your Powerline adapters.

- Avoid plugging the adapters into power strips, extension cords, or surge protectors as this may prevent the adapter from functioning correctly or degrade performance.
- Avoid plugging the adapters into wall power outlets that are controlled by a light switch to prevent the Powerline adapter from being turned off accidentally.
- Avoid plugging the adapters into wall power outlets that are located near appliances that consume a lot of power (e.g. refrigerators, washers, dryers) as this may degrade performance.
- Make sure there is an available wall power outlet in the room where the router is installed and also near the router.
- Make sure there is an available wall power outlet in the room where you want to extend network connectivity.
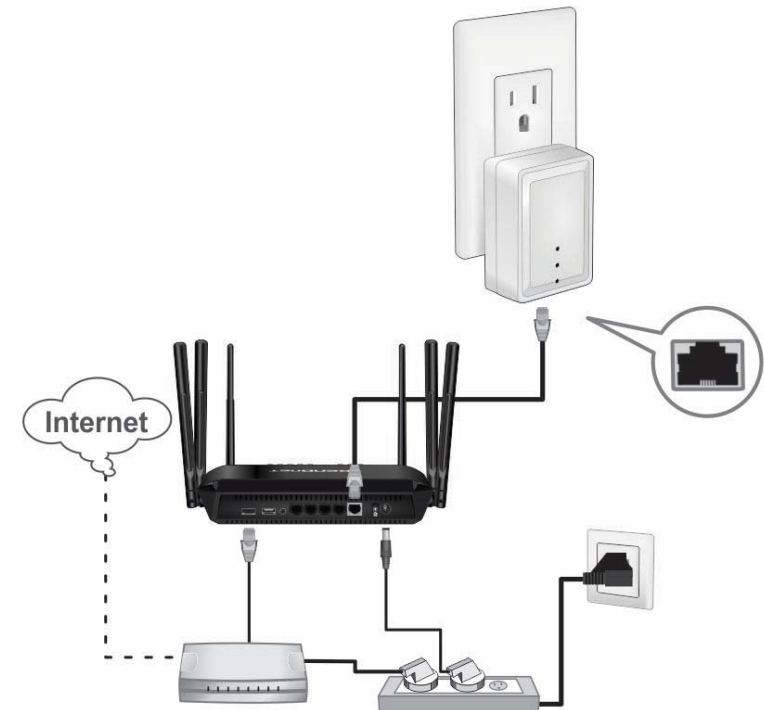
Connect a Powerline adapter to your router

1. Plug the Powerline adapter into an available wall power outlet near your router.

Note: This will allow devices connected to your Powerline network to access the Internet and other devices connected to your network.

2. Connect the included Ethernet cable (also called network cable) from the Ethernet port (also called network port) of your Powerline adapter to an available Ethernet port (also called LAN port) on your router.

3. Once the Powerline adapter is installed and connected to your router, verify that the **Power LED** is on or blinking and the **Ethernet LED** is on or blinking.

Add adapters to your network

Once you have installed and connected the first Powerline adapter to your router, you can easily extend your network to other rooms by adding additional Powerline adapters.

To extend your network using an additional Powerline adapter:

1. First, make sure the first Powerline adapter is installed and connected to your router.
Note: This will allow devices connected to your Powerline network to access the Internet and other devices connected to your network.

2. Plug the additional Powerline adapter into an available wall power outlet in another room near a computer or network device (e.g. game consoles, network-enabled TVs, network attached storage, network media server/players, etc.) that you would like to connect to your network.

3. Connect the included Ethernet cable from the Ethernet port on your Powerline adapter to the to the Ethernet port of your computers or network devices.

4. After the additional Powerline adapter is connected and installed to your computer or network device, wait for the **DATA LED** to turn on. After the **DATA LED** turns on, verify that the **Power LED** is on, the **DATA LED** is on or blinking, and the **ETHERNET LED** is on or blinking.

Note: To verify that your Powerline adapters are connected successfully to your network, you can check if the computer(s) or network device(s) can access the Internet through your Powerline network.

To install additional Powerline adapters in other rooms, repeat the steps above for each adapter.

Securing your Powerline Network

Powerline networks consist of two or more Powerline devices connected together using the same encryption key. TRENDnet Powerline adapters automatically connect to each other over a secure encrypted signal and share the same encryption key (Default encryption key: HomePlugAV).

In order for your Powerline devices to connect to the same Powerline network, the same encryption key must be assigned to all Powerline devices in that network. Powerline devices that are not assigned the same encryption key will not be able to connect to the Powerline network.

For additional security, TRENDnet recommends changing adapter default encryption key to prevent a neighbor with a Powerline adapter and the same default encryption key from gaining access to your network.

Note: After the default encryption key has been changed and the Powerline adapters have been connected using a new encryption key, the Powerline adapters will retain their security settings when they are unplugged and moved to a new location. No additional reconfiguration of the Powerline adapters is needed after the default encryption has been changed.

There are two methods to change the default encryption key:

- Use the physical **Link** button on your Powerline adapter to generate a random encryption key.
  ****Recommended method****

  OR
- Create a customized encryption key for your Powerline network using the included Powerline Utility.
  *****If users first use the Sync button method, the adapters will need to be reset to factory defaults in order to change setting using the Powerline Utility****

Using the Link button

Change your default encryption key using the Link button

The physical **Link** button on the Powerline adapter provides an easy method of changing the default encryption key. The **Link** button generates a random encryption key for your Powerline network.
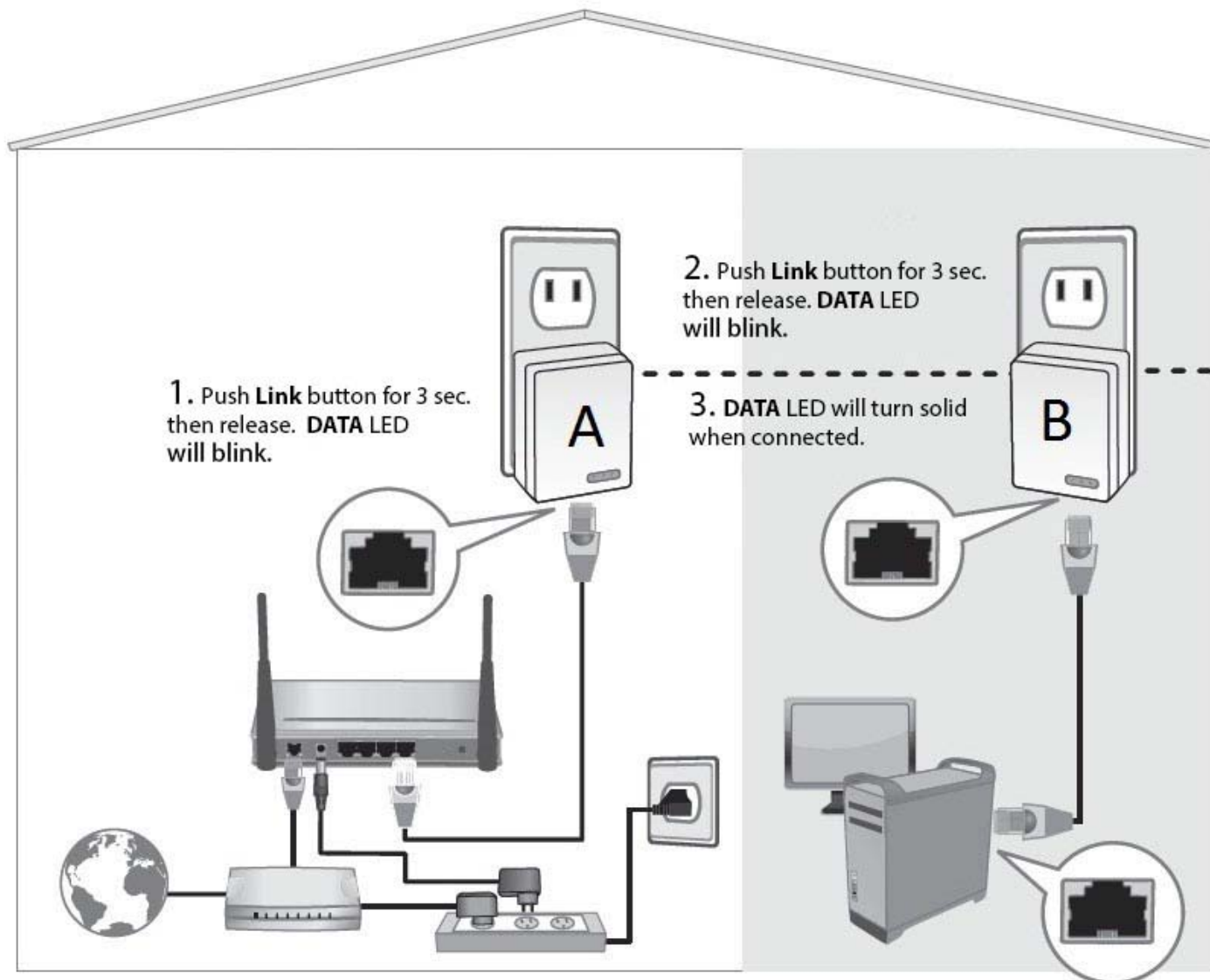
Note: *The default encryption key assigned to TRENDnet Powerline adapters is **HomePlugAV**. Before changing the default encryption, please ensure that your Powerline adapters are already installed and connected using the default encryption key.*

Important Note: When using the Link Button to change the default encryption key, it is highly recommended to plug the adapters into nearby outlets first and follow the Link button procedure before installing the adapters in the desired locations.

The Link button procedure below applies to the following TRENDnet models: **TPL-406E / TPL-406E2K**

Note: The product images in the diagram below may not accurately illustrate your exact Powerline model.

Add adapters using the Link button

If you have changed the default encryption key assigned to your adapters, additional adapters will not automatically connect to your Powerline network after they are plugged into a wall power outlet. For any additional adapters, you will need to use the **Link** button to connect any additional adapters to use the same encryption key of your existing Powerline network.

Use the procedure (Adapter C) below to connect additional adapters. Repeat the procedure (Adapter C) below for each additional adapter you add to your network.

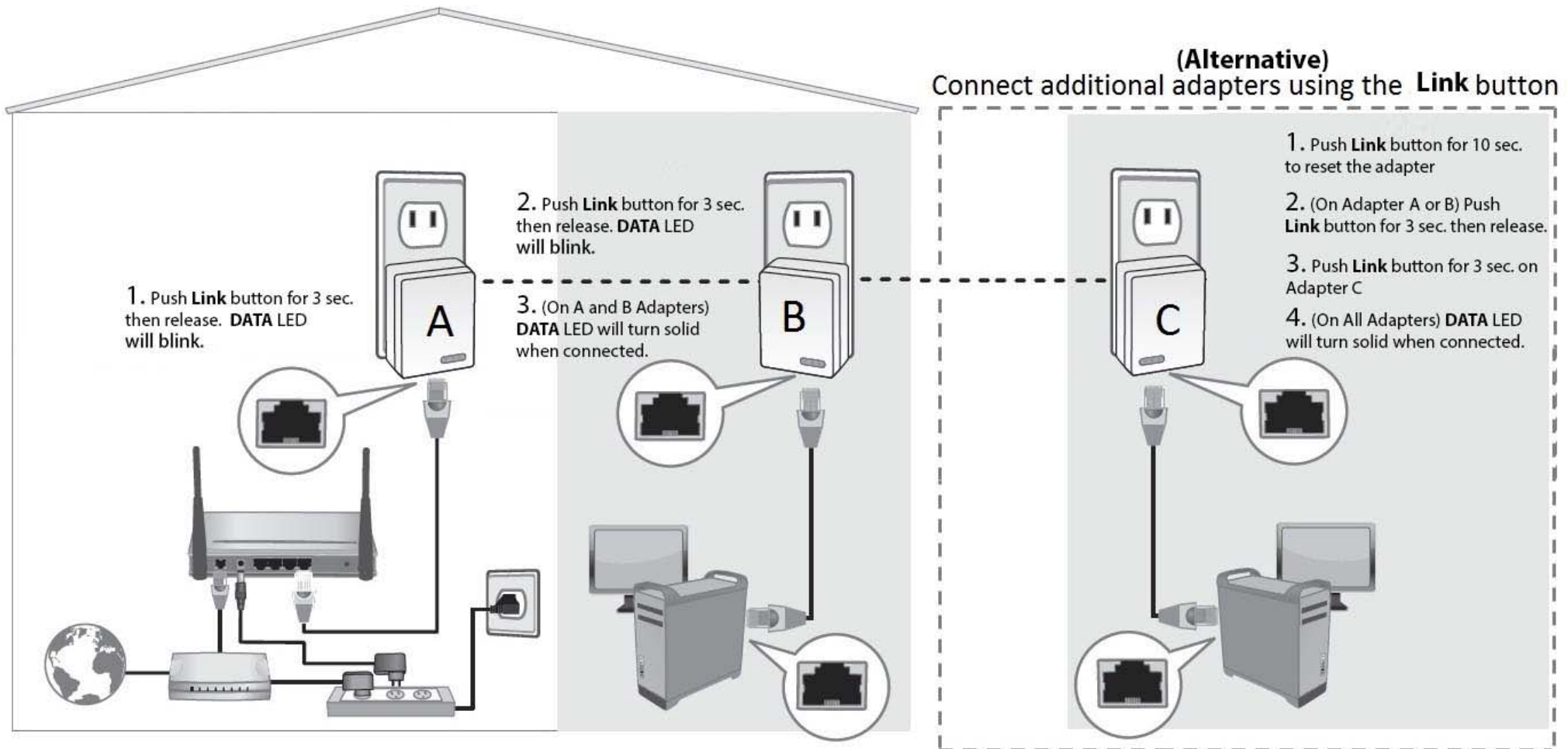The Link button procedure below applies to the following TRENDnet models: **TPL-406E / TPL-406E2K**

Note: The product images in the diagram below may not accurately illustrate your exact Powerline model.
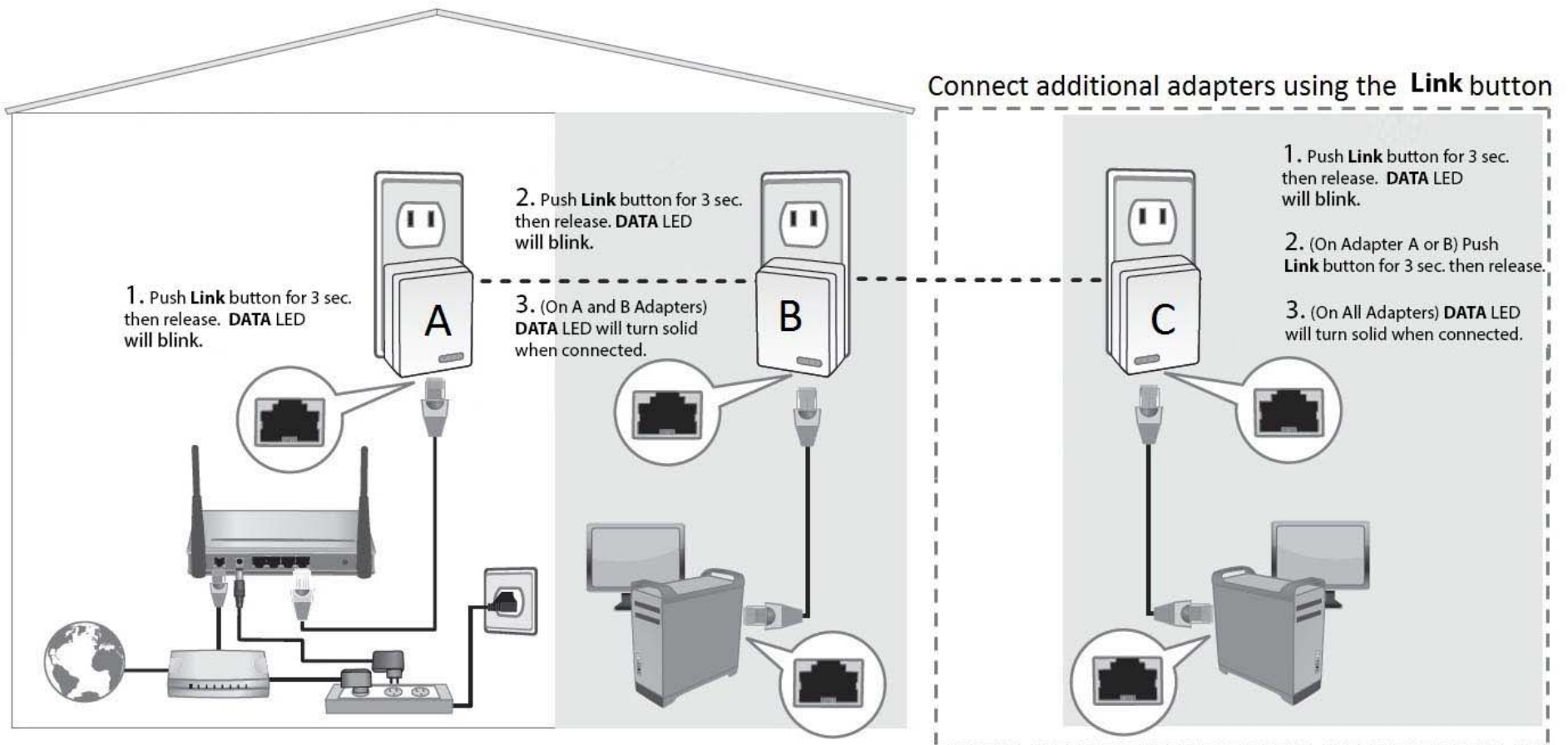
If adding a TRENDnet adapter models (Adapter C) not listed in the previous page, please follow the Alternative Link button procedure below.

Use the procedure (Adapter C) below to connect additional adapters. Repeat the procedure (Adapter C) below for each additional adapter you add to your network.

Note: The product images in the diagram below may not accurately illustrate your exact Powerline model.

(Alternative)
Connect additional adapters using the **Link** button

1. Push **Link** button for 10 sec. to reset the adapter

2. (On Adapter A or B) Push **Link** button for 3 sec. then release.

3. Push **Link** button for 3 sec. on Adapter C

4. (On All Adapters) **DATA** LED will turn solid when connected.

1. Push **Link** button for 3 sec. then release. **DATA** LED will blink.

2. Push **Link** button for 3 sec. then release. **DATA** LED will blink.

3. (On A and B Adapters) **DATA** LED will turn solid when connected.

Using the Powerline Utility

The Powerline Utility allows you to do the following:

- Create a customized encryption key for your Powerline network and apply it to multiple Powerline adapters at the same time.
- View the Powerline adapters connected to your network (using the MAC address) and the approximate connection quality and speed of each Powerline adapter.
- View and upgrade Powerline adapter firmware.
  Note: Link speed displayed in the utility of your Powerline adapters to another through your electrical system is estimated. Actual link speed may vary.

Before installing and using the utility, please ensure the following:

- *Write down the **Device Password (DPW)** (16-digit characters A-Z only) and **MAC Address** (12-digit characters a-f, A-F, 0-9) of each Powerline adapter as this will be required to change the encryption key for multiple Powerline adapters.*
- *Make sure your computer in which you are installing the utility is connected to your network and your Powerline adapters are also connected to your network.*
- *If you have changed your encryption key using the **Link** button and you are creating a customized encryption key, it is required to reset all Powerline devices to factory defaults using the physical **Reset** button on your Powerline adapter first before using the utility.*
- *Please ensure that your Powerline adapters are already installed and connected and the Ethernet port on each adapter is connected to a device powered on.*

Installing the utility

1. Download the Powerline Utility from www.trendnet.com , go to product page / download section

2. Unzip the file and run the Powerline Utility
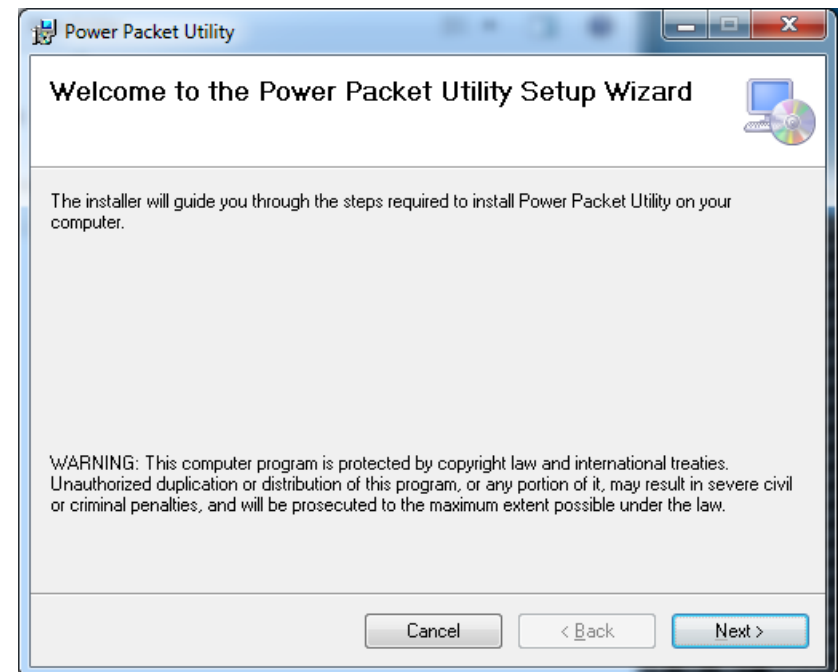
3. Follow the steps to complete the installation. Once installed, double click on the PPU icon from your desktop to launch the utility.

Powerline Utility Overview

Main Window

Local Device

The Powerline adapter connected to your router.

Note: *If your computer is connected directly to your Powerline adapter, the Local Device listed will be the Powerline adapter your computer is directly connected to.*

Remote Devices

Powerline adapters in remote locations that are connected to the selected Powerline adapter (Local Device) across the electrical system.

Note: *If all of your Powerline adapters are already connected to your Powerline network, they will automatically detected and appear in the list. If not, you will need to add them manually.*

Scan

Rescans the Powerline adapters that are connected to your Powerline network (Remote Device).
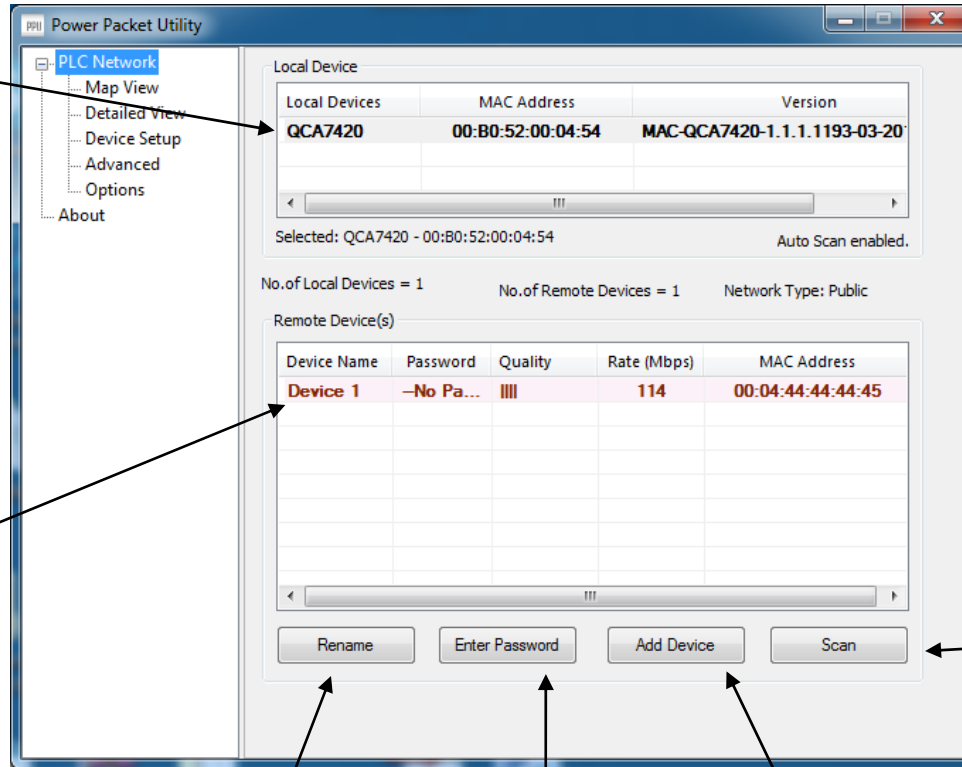
Rename

Renames the listed Powerline adapter (Remote

Enter Password

Allows you to enter the DPW for the listed Powerline adapter(Remote Device)***THIS MUST BE ENTERED FOR ALL DEVICES TO CHANGE THE ENCRYPTION CODE***
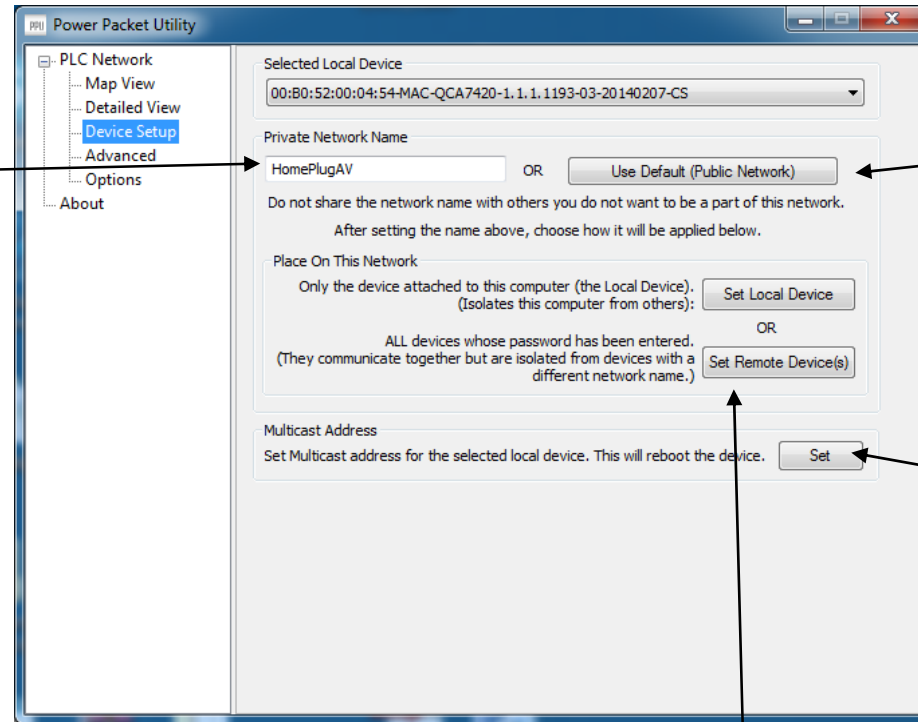
Add

Allows you to add a Powerline adapter to your Powerline network that is not listed (Remote Device).

Powerline Utility Overview

Device Setup Window

Encryption Key

Encryption key for your Powerline network.

Note: The default encryption key is HomePlugAV. If you have used the Sync button to change and generate a random encryption key, Unknown Networkname will be displayed.

Use Default (Public Network)

Replaces the current encryption key value with the default **HomePlugAV**.

Note: You will still need to apply the settings to your Powerline adapters by clicking Set Local Device Only or Set All Devices.

Set Local Device Only

Changes the encryption key for the Powerline adapter listed as the Local Device on the adapter on the Main window.

Note: If you change the encryption key for the Powerline adapter (Local Device), this will disconnect the Local Device Powerline adapter from the Powerline network.

Set All Devices

Changes the encryption key for all or multiple Powerline adapters connected to your Powerline network.

Note: Please make sure you have added and entered the DPW for all Powerline adapters in your Powerline network before applying this setting. If you do not, the encryption key will not change for any Powerline adapters without the DPW entered.

Powerline Utility Overview

Status Window
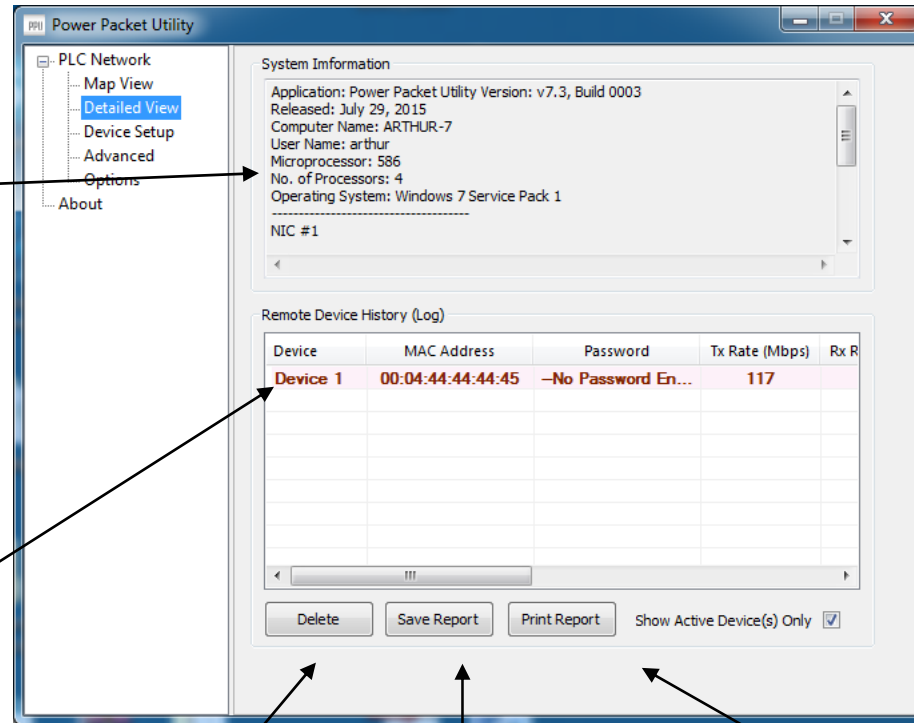
System Information

Displays the device and other related information such as firmware version, MAC address, and encryption key (also called network password).

You can vertically scroll the window to view all of the system information.

Remote Device History (Log)

Displays Powerline adapters or other Powerline devices (Remote Device) that have been previously connected to or discovered on your Powerline Network.

Delete

Deletes or removes the selected entry listed in the Remote Device History (Log) (Remote
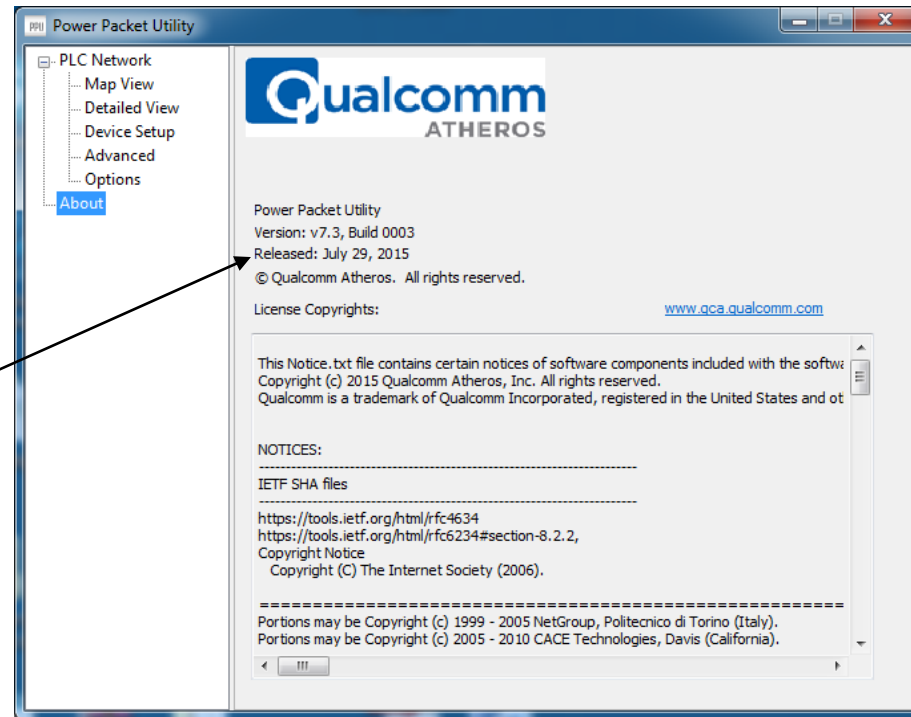
Save Report

Saves the information contained in the System Information window to a text file on your computer.

Print Report

Prints the information contained in the System Information window.

Powerline Utility Overview

About Window

System Information

Displays copyright information.

You can vertically scroll the window to view all of the copyright

Add adapters in the utility and create a customized encryption key

If you have not written down the **Device Password (DPW)** and **MAC address** for each of your Powerline adapters, please do so as it is required to applying the customized encryption key for all of your Powerline adapters using the utility. This information is on the sticker on the inside face of each adapter.

> **Note:** Write down the **Device Password (DPW)** (16-digit characters A-Z only) and **MAC Address** (12-digit characters a-f,A-F,0-9) of each Powerline adapter first before proceeding.

Example:

Location of Powerline Adapter	Device Password (DPW)	MAC Address
At Router	ZAYB-VIMV-YFAQ-ZFPA	00:B0:52:00:04:54
John's Room	WCEE-ZZYC-WVJJ-6ZRD	00:04:44:44:44:45

Note: *It is recommended to ensure that your Powerline adapters are already installed and connected and the Ethernet port on each adapter is connected to a device powered on.*

First, add all of the Powerline adapters to the utility and enter the Device Password (DPW) for each Powerline adapter to ensure you can change the encryption key for multiple adapters. This is required when using the Powerline utility to change the encryption key for multiple Powerline adapters.

To add automatically detected Powerline adapters to the Powerline Utility

1. Launch the Powerline Utility.

2. In the Powerline Utility Main window, wait for the utility to automatically scan for Powerline adapters already connected to your Powerline network. If your Powerline adapters have already been installed and connected using the same encryption key, they should appear in the Remote Device list.
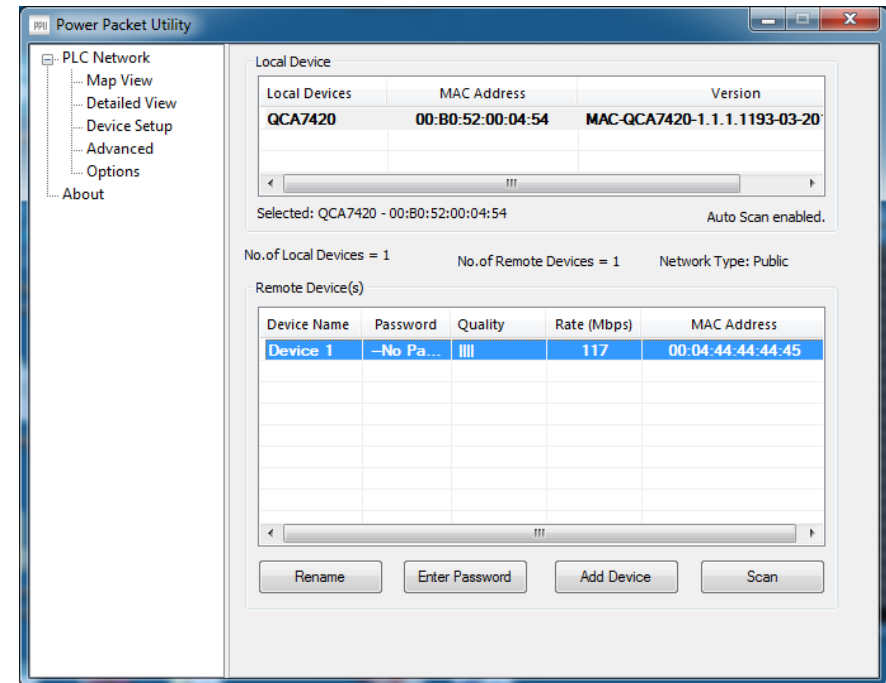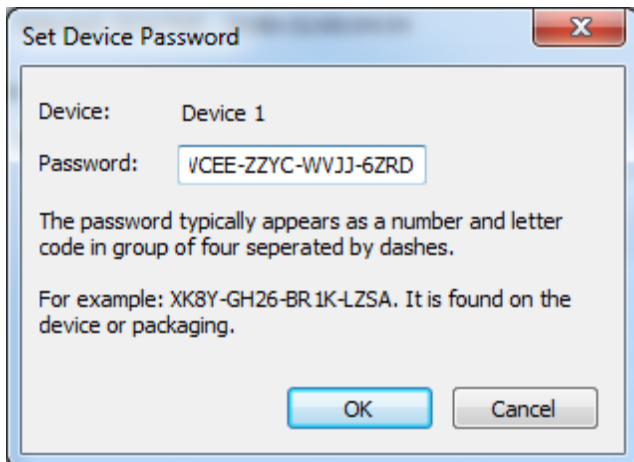

3. Select one of the Powerline adapters listed under Remote Device.

4. Click **Enter Password**.

5. Enter the Device Password (DPW) and click **OK.**

*Note: Match the Device Password (DPW) to the corresponding MAC address.*

6. If successful, you will receive a message indicating that the password is correct. Click **OK.**


Repeat steps 2-6 for each additional Powerline adapter listed in Remote Device until you have added all of your remaining Powerline adapters before continuing to the next step "To create a customized encryption key".

To create a customized encryption key

1. In the Powerline Utility Privacy window, under **Private Network Name**, enter the new encryption key for your Powerline network.
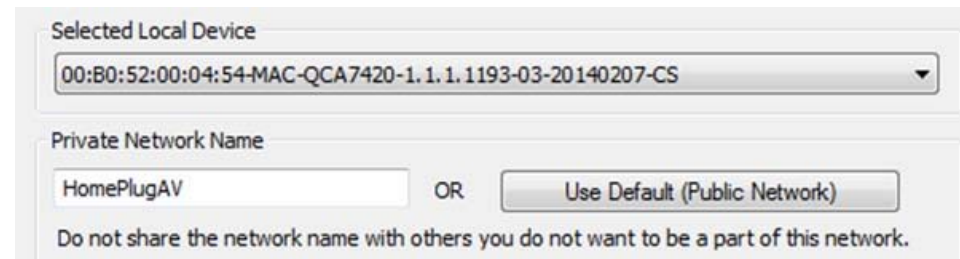
2. After you have entered your new Powerline encryption key, click **Set Remote Devices**.
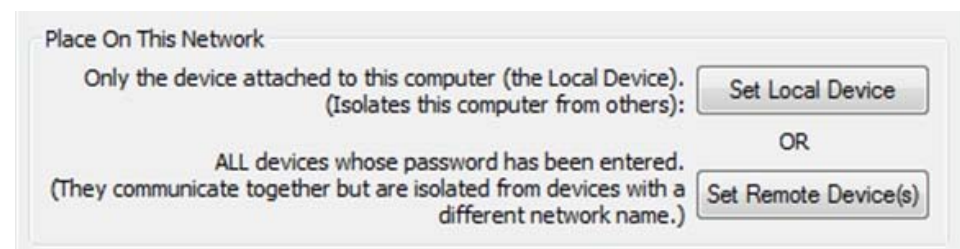

3. Click **OK**. If successful, you will receive a message indicating that all Powerline adapters were added to your network verifying that the encryption key was changed for all Powerline adapters. Click **OK**.
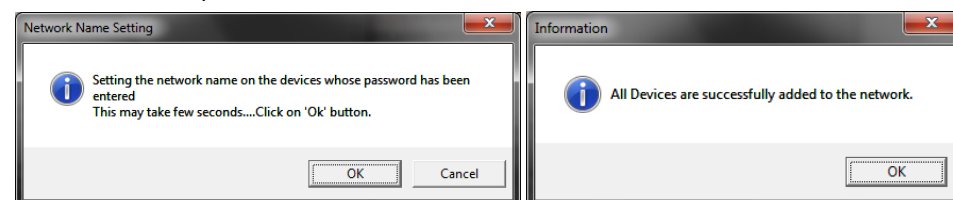
Upgrade Firmware

Note: The firmware can only be upgraded when your computer is directly connected to the Powerline adapter Ethernet port (also called network port) using an Ethernet cable (also called network cable). The Device Password (DPW) is not required when upgrading the firmware.

1. To check if firmware updates are available for your Powerline adapter, check your Powerline model. http://www.trendnet.com/downloads/

2. Save the zipped firmware file (.zip) and extract the file to your computer.

3. Make sure you connect your computer with the utility installed is directly connected to the Powerline adapter using an Ethernet cable (also called network) cable when upgrading the device firmware.
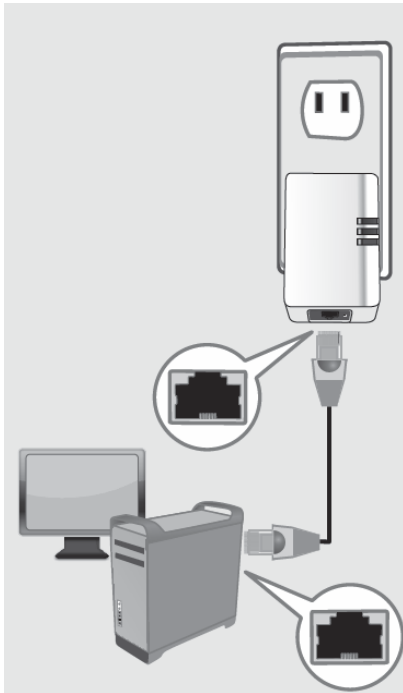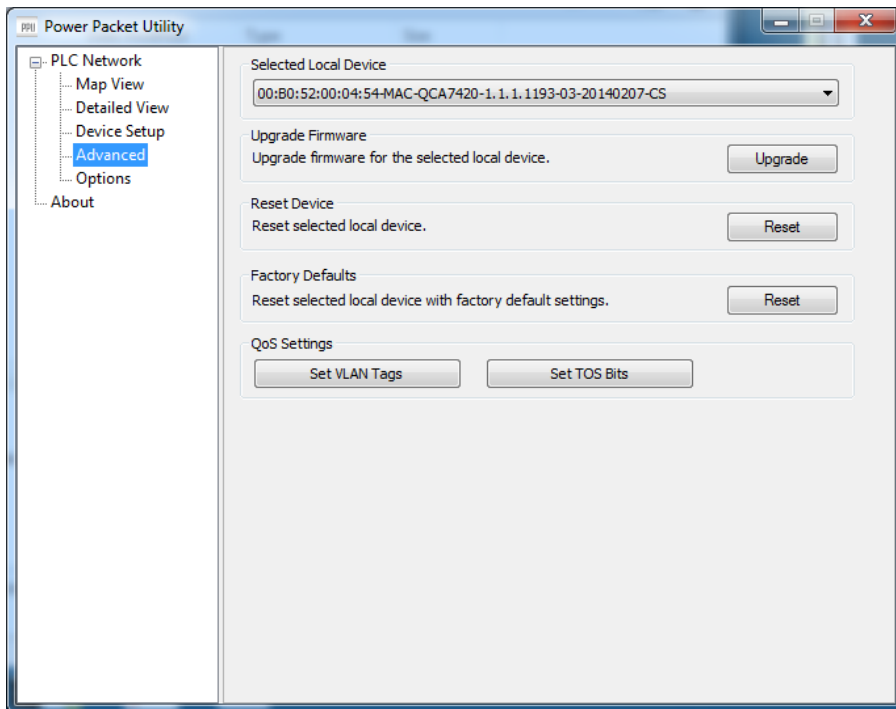
4. Launch the Powerline Utility by double-clicking the icon.

5. The device should appear in Advanced and Selected Local Device list. Click **Upgrade Firmware**.
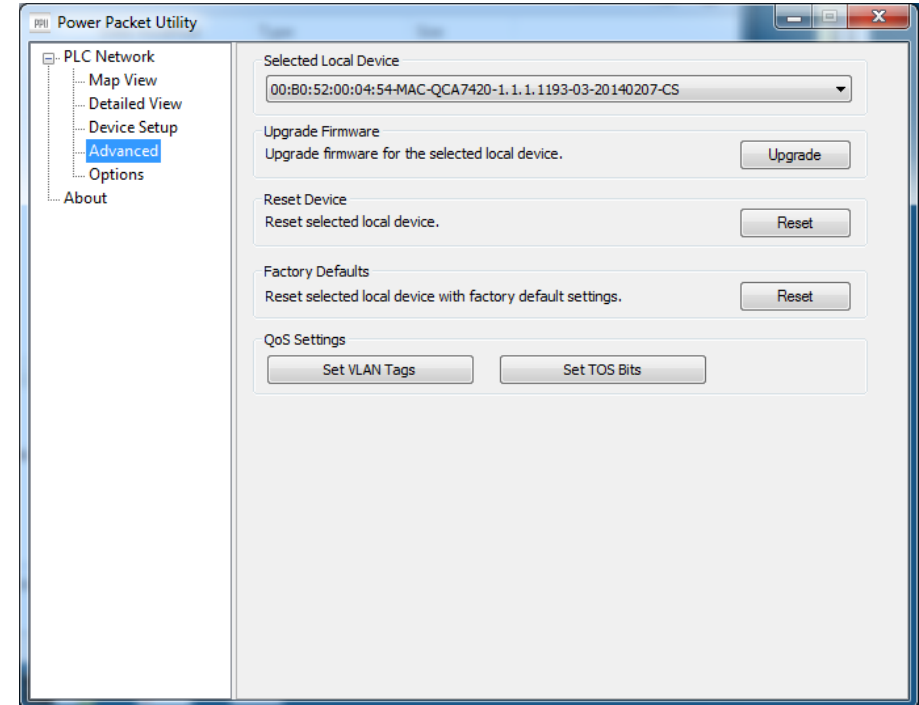
Restart or Reset

To restart or reset the device, go to Advanced section and select Reset Device to restart it or Factory Defaults to reset the device settings to default.

Troubleshooting

Please reference the items below if you continue to experience difficulty with installing

and using your Powerline adapters.

- Do not plug the Powerline adapters into a power strip. Make sure to plug the adapters directly into a power outlet and not through power strip. Using adapters through a power strip may negatively affect Powerline connectivity and performance.
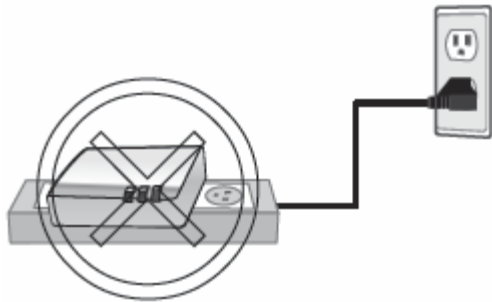
- Do not use the Sync button for more than 2 Powerline adapters to connect simultaneously. Wait for each Powerline adapter to connect to your Powerline network one at a time before connecting the next adapter. Using more than one adapter to Sync simultaneously may cause some of your adapters not to Sync and establish connection to your Powerline network.

- Power-cycle the Powerline adapters by disconnecting them from their power outlets for 15 seconds and then reconnect them.

- If you are having issues connecting the Powerline adapters after changing the encryption key using the Sync button or Powerline utility, reset the Powerline adapters to defaults using the physical Reset button.

- Using a pin or paperclip; press and hold the Reset button for 1 second on each Powerline adapter. All LEDs will turn off then turn back on. This will reset the Powerline adapters to their default settings. The default encryption key is HomePlugAV.

- The Powerline adapters can provide better connectivity and performance when plugged directly into a power outlet. Connecting the Powerline adapters to a power strip or surge protector may degrade or block Powerline signals.

- Avoid using the Powerline adapters on GFI protected outlets and electrical systems with AFCI circuit breakers. They may degrade or block Powerline signals.
- The Powerline adapters should not be used in areas with excessive heat.
- Florescent and incandescent lighting can generate significant Powerline interference.
- If your building has more than one circuit breaker box, the Powerline adapter may not be able to establish connectivity between them. In this case, connect a Powerline adapter into a power outlet located on each of the circuit breaker boxes. Then connect an Ethernet cable between the Powerline adapters to bridge the two circuits together.

In addition to this User's Guide, you can find help below:

- http://www.trendnet.com/support
  (documentation, downloads, FAQs, how to contact technical support)

Appendix

Overlapping Powerline networks

It is possible to create multiple Powerline networks on the same electrical system separated and grouped by different network encryption keys. The Powerline networks will work and communicate independently of each other which can provide security between different groups of Powerline adapters. For example, if you have five powerline adapters (Adapter A, Adapter B, Adapter C, Adapter D, Adapter E), you can group Adapters A,B, and C together on one powerline network and group Adapters D and E on a different Powerline network. Each group will use a different encryption key.

Note: It is recommended that only a maximum of up to 4 Powerline networks can be created per electrical system. Any additional Powerline networks above the recommended may result in significant degradation in Powerline performance.
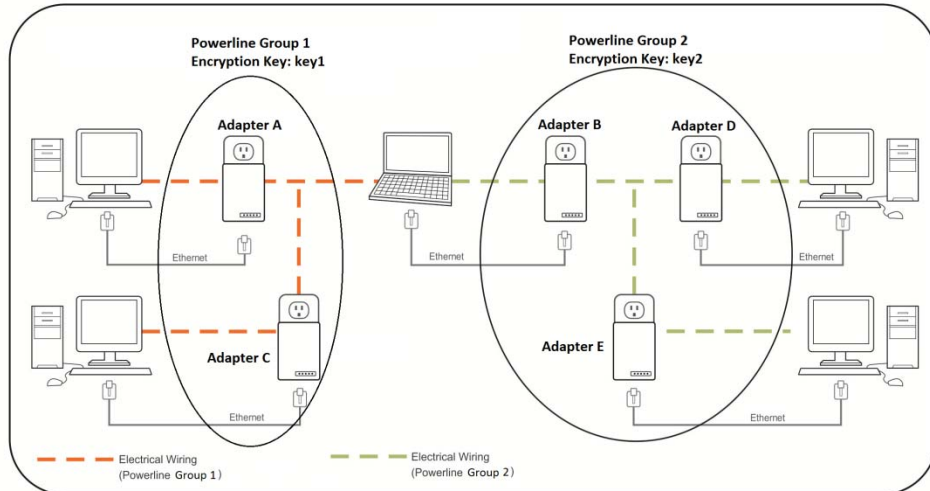
Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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.

IMPORTANT NOTE:

Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
Country Code selection feature to be disabled for products marketed to the US/CANADA

RoHS

This product is RoHS compliant.

Europe – EU Declaration of Conformity

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

Safety
EN60950-1: 2006 + A11: 2009 + A1: 2010 + A12: 2011

EMC
EN 55022:   2010 + AC: 2011 Class B
EN 61000-3-2:   2006 + A2: 2009
EN 61000-3-3:   2008
EN 55024:   2010
EN 50412-2-1:   2005 + AC: 2009

Energy Efficiency
Regulation (EC) No. 1275/2008, Regulation, No. 278/2009, No. 801/2013

This product is herewith confirmed to comply with the Directives.

Directives

Low Voltage Directive 2014/35/EU

EMC Directive 2014/30/EU

Ecodesign Directive 2009/125/EC

RoHS Directive 2011/65/EU

REACH Regulation (EC) No. 1907/2006

Note:
The product is intended to be used with a continuous network connection, therefore, the product does not offer any power management functions. The product should be manually turned off or unplugged from its power source in order to conserve energy.

Česky [Czech]	TRENDnet tímto prohlašuje, že tento TPL-406E je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 2006/95/ES, 2004/108/ES, 2009/125/ES, 2011/65/EU, a REACH (ES) 1907/2006.
Dansk [Danish]	Undertegnede TRENDnet erklærer herved, at følgende udstyr TPL-406E overholder de væsentlige krav og øvrige relevante krav i direktiv 2006/95/EF, 2004/108/EF, 2009/125/EF, 2011/65/EU, og REACH (EF) 1907/2006.
Deutsch [German]	Hiermit erklärt TRENDnet, dass sich das Gerät TPL-406E in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 2006/95/EG, 2004/108/EG, 2009/125/EG, 2011/65/EU, und REACH (EG) 1907/2006 befindet.
Eesti [Estonian]	Käesolevaga kinnitab TRENDnet seadme TPL-406E vastavust direktiivi 2006/95/EÜ, 2004/108/EÜ, 2009/125/EÜ 1999/5/EÜ, 2011/65/EU, ja REACH (EÜ) 1907/2006 põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
English	Hereby, TRENDnet, declares that this TPL-406E is in compliance with the essential requirements and other relevant provisions of Directive 2006/95/EC, 2004/108/EC, 2009/125/EC, 2011/65/EU, and REACH (EC) 1907/2006.
Español [Spanish]	Por medio de la presente TRENDnet declara que el TPL-406E cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 2006/95/CE, 2004/108/CE, 2009/125/CE, , 2011/65/EU, y REACH (CE) 1907/2006.
Ελληνική [Greek]	ΜΕ ΤΗΝ ΠΑΡΟΥΣΑTRENDnet ΔΗΛΩΝΕΙ ΟΤΙTPL-406EΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 2006/95/ΕΚ, 2004/108/ΕΚ, 2009/125/ΕΚ, 2011/65/EU, REACH (ΕΚ) 1907/2006 και.
Français [French]	Par la présente TRENDnet déclare que l'appareil TPL-406E est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 2006/95/CE, 2004/108/CE, 2009/125/CE, 2011/65/EU, REACH (CE) 1907/2006 et.
Italiano[Italian]	Con la presente TRENDnet dichiara che questo TPL-406E è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 2006/95/CE, 2004/108/CE, 2009/125/CE, 2011/65/EU, e REACH (CE) 1907/2006..
Latviski [Latvian]	AršoTRENDnetdeklarē, ka TPL-406E atbilst Direktīvas 2006/95/EK, 2004/108/EK, 2009/125/EK, 2011/65/EU, un REACH (EK) 1907/2006 būtiskajāmprasībām un citiemar to saistītajiemnoteikumiem.

Lietuvių [Lithuanian]	Šiuo TRENDnet deklaruoja, kad šis TPL-406E atitinka esminius reikalavimus ir kitas 2006/95/EB, 2004/108/EB, 2009/125/EB, 2011/65/EU, ir REACH (EB) 1907/2006 Direktyvos nuostatas.
Nederlands [Dutch]	Hierbij verklaart TRENDnet dat het toestel TPL-406E in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 2006/95/EG, 2004/108/EG, 2009/125/EG, 2011/65/EU, en REACH (EG) 1907/2006.
Malti [Maltese]	Hawnhekk, TRENDnet, jiddikjara li dan TPL-406E jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 2006/95/KE, 2004/108/KE, 2009/125/KE, 2011/65/EU, u REACH (KE) 1907/2006.
Magyar [Hungarian]	Alulírott, TRENDnet nyilatkozom, hogy a TPL-406Emegfelel a vonatkozó alapvető követelményeknek és az 2006/95/EK, 2004/108/EK, 2009/125/EK, 2011/65/EU, irányelv, a REACH (EK) 1907/2006 irányelv egyéb előírásainak.
Polski [Polish]	Niniejszym TRENDnet oświadcza, że TPL-406E jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 2006/95/WE, 2004/108/WE, 2009/125/WE, 2011/65/EU, i REACH (WE) 1907/2006.
Português [Portuguese]	TRENDnet declara que este TPL-406E está conforme com os requisitos essenciais e outras disposições da Directiva 2006/95/CE, 2004/108/CE, 2009/125/CE, 2011/65/EU, e REACH (CE) 1907/2006.
Slovensko [Slovenian]	TRENDnet izjavlja, da je ta TPL-406E v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 2006/95/ES, 2004/108/ES, 2009/125/ES, 2011/65/EU, in REACH (ES) 1907/2006.
Slovensky [Slovak]	TRENDnettýmtovyhlasuje, že TPL-406Espĺňazákladnépožiadavkya všetkypríslušnéustanoveniaSmernice 2006/95/ES, 2004/108/ES, 2006/95/ES, 2004/108/ES, 1999/5/ES, 2009/125/ES, 2009/125/ES, 2011/65/EU, a REACH (ES) 1907/2006.
Suomi [Finnish]	TRENDnet vakuuttaa täten että TPL-406E tyyppinen laite on direktiivin 2006/95/EY, 2004/108/EY, 1999/5/EY, 2009/125/EY, 2011/65/EU, ja REACH (EY) 1907/2006 oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
Svenska [Swedish]	Härmed intygar TRENDnet att denna TPL-406E står I överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bEYtämmelser som framgår av direktiv 2006/95/EG, 2004/108/EG, 2009/125/EG, 2011/65/EU, och REACH (EG) 1907/2006.

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.

TPL-406E / TPL-406E2K – 3 Years Warranty

AC/DC Power Adapter, Cooling Fan, and Power Supply carry 1 year warranty.

If a product does not operate as warranted during the applicable warranty period, TRENDnet shall reserve the right, at its expense, to repair or replace the defective product or part and deliver an equivalent product or part to the customer. The repair/replacement unit's warranty continues from the original date of purchase. All products that are replaced become the property of TRENDnet. Replacement products may be new or reconditioned. TRENDnet does not issue refunds or credit. Please contact the point-of-purchase for their return policies.

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 by 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 within the applicable warranty period and providing a copy of the dated proof of the purchase. Upon proper submission of required documentation a Return Material Authorization (RMA) number will be issued. An RMA number is required in order to initiate warranty service support for all TRENDnet products. Products that are sent to TRENDnet for RMA service must have the RMA number marked on the outside of return packages and sent to TRENDnet prepaid, insured and packaged appropriately for safe shipment. Customers shipping from outside of the USA and Canada are responsible for return shipping fees. Customers shipping from outside of the USA are responsible for custom charges, including but not limited to, duty, tax, and other fees.

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