TRENDnet®

Quick Installation Guide 🇺🇸 🇬🇧

Ghid de instalare in limba romana 🇷🇴

**TEW-421PC
TEW-423PI**
C1.2

Table of Contents

ENGLISH

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Package Contents
- TEW-421PC / TEW-423PI
- CD-ROM (Utility and Driver)
- Multi-Language Quick Installation Guide

System Requirements

- 32-bit CardBus Type II Card slot (TEW-421PC)
- 32-bit PCI 2.2 slot (TEW-423PI)
- CD-ROM Drive
- CPU: 1GHz or above(Windows 7) / 800MHz or above(Windows Vista) / 300MHz or above (Windows XP/2000/ME/98SE)
- Memory: 1GB RAM or above (Windows 7) / 512MB RAM or above (Windows Vista), 256MB RAM or above (Windows XP/2000/ME/98SE)
- Windows 7 (32/64-bit) / Vista(32/64-bit) / XP(32/64-bit) / 2000 / ME / 98SE; Mac OS X (10.4~10.5)

Important! DO NOT install the TEW-421PC / TEW-423PI in the computer until instructed to do so.

<u>Note</u>: For Mac OS X (10.4~10.5) instructions please refer to the User's Guide. The Mac drivers can be found in the Mac OS X folder in the Utility and Driver CD-ROM.

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1. Insert the **Utility & Driver CD-ROM** into your computer's CD-ROM Drive.

AutoPlay

DVD RW Drive (D:)
TEW-421PC_423PI

☐ Always do this for software and games:

Install or run program from your media

Run autorun.exe
Publisher not specified

General options

Open folder to view files
using Windows Explorer

View more AutoPlay options in Control Panel

2. Click **Run autorun.exe** (Windows 7/Vista only).

3. Click **Install Utility**. Then click your operating system.

TRENDnet

Install Utility
Windows 7/Vista/XP/2000
ME/98SE

User's Guide

Product Registration

Exit

64Mbps Wireless G PC Card
TEW-421PC
64Mbps Wireless G PCI Adapter
TEW-423PI

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TRENDnet 802.11g Wireless CardBus/PCI Adapter

InstallShield Wizard Complete

Setup has finished installing TRENDnet 802.11g Wireless CardBus/PCI Adapter on your computer.

4. Follow the **InstallShield Wizard** instructions and then click **Finish**.

Finish   Cancel

TRENDnet TEW-421PC/TEW-423PI Wireless Adapter

InstallShield Wizard Complete

The InstallShield Wizard has successfully installed TRENDnet TEW-421PC&TEW-423PI Wireless Adapter Vista Driver and Utility. Before you can use the program, you must restart your computer.

○ Yes, I want to restart my computer now.

● No, I will restart my computer later.

Remove any disks from their drives, and then click Finish to complete setup.

5. Select **No, I will restart my computer later** and then click **Finish**. (Windows 98SE, Me and Vista only)

Finish   Cancel
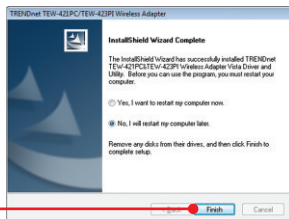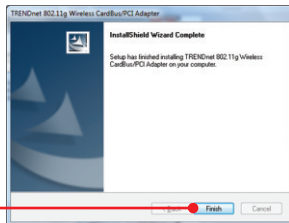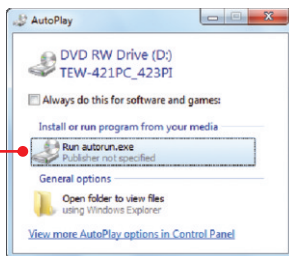
TEW-421PC

6. Shutdown your computer.

7. Insert PC Card firmly into an available PC Card slot on the notebook PC and then turn **ON** the computer and wait until the Windows desktop appears.
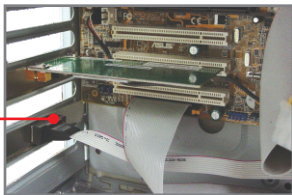
8. Go to **Step 12**.

TEW-423PI

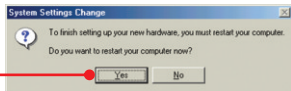**9. Shutdown** your computer.

10. Open your computer's case.

11. Insert PCI Card firmly into an available PCI Card slot on the desktop PC, attach the included antenna, and then turn **ON** the computer and wait until the Windows desktop appears.

12. Drivers will install automatically.

13. Click **Yes** to restart your computer (Windows 98SE and Me only).
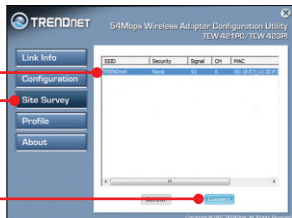
Windows 7 / Vista / XP / 2000

Note: Windows XP Wireless Zero Configuration utility must first be disabled. Please refer to question 4 of the Troubleshooting section.
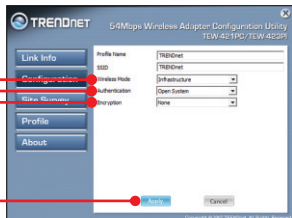
1. On the bottom right-hand corner of the screen, double-click the Wireless Adapter Configuration Utility icon.

2. Click **Site Survey**. Select the desired wireless network and then click **Connect**.

3. If Encryption is enabled on your access point, select the Authentication and Encryption enter the encryption key and then click **Apply**.

Windows ME / 98SE

1. On the bottom right-hand corner of the screen, **double-click** on the **Wireless Adapter Configuration Utility** icon

2. Click **Site Survey**.

3. Click the **SSID** that matches your wireless access point and then click **Connect**.

4. If Encryption is enabled on your access point, select the Authentication and Encryption enter the encryption key and then click **Apply**.
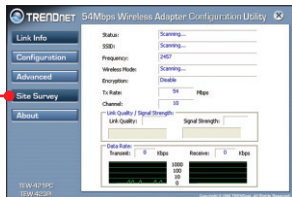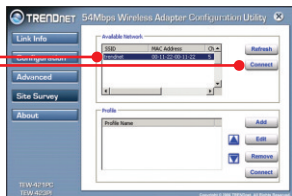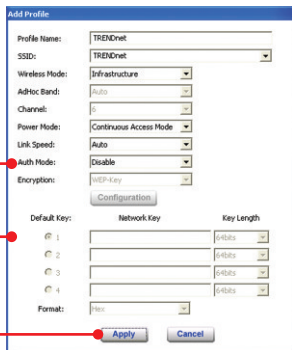
Wireless configuration is now complete.

For detailed information regarding the **TEW-421PC / TEW-423PI** configuration and advanced settings, please refer to the User's Guide included on the Utility & Driver CD-ROM or TRENDnet's website at www.trendnet.com.

Register Your Product

To ensure the highest level of customer service and support, please take a moment to register your product Online at: **www.trendnet.com/registe**r

Thank you for choosing TRENDnet.

1. Înainte de a începe

Conţinutul pachetului
- TEW-421PC / TEW-423PI
- CD-ROM (Program şi Driver)
- Ghid de instalare rapidă multi-lingv

Cerinţele sistemului

- 32-bit CardBus Tip II Card slot (TEW-421PC)
- 32-bit PCI 2.2 slot (TEW-423PI)
- CD-ROM Drive
- CPU: 1GHz sau mai mare (Windows 7) / 800MHz sau mai mare (Windows Vista) / 300MHz sau mai mare (Windows XP/2000/ME/98SE)
- Memorie: 1GB RAM sau mai mare (Windows 7) / 512MB RAM sau mai mare (Windows Vista), 256MB RAM sau mai mare (Windows XP/2000/ME/98SE)
- Windows 7 (32/64-bit) / Vista(32/64-bit) / XP(32/64-bit) / 2000 / ME / 98SE; Mac OS X (10.4~10.5)

Important! NU instalaţi adaptorul PCI sau Cardul PC în calculator până când nu citiţi instrucţiunile şi ştiţi cum să procedaţi!

Notă: Pentru instrucţiuni privind Mac OS X (10.4-10.5) consultaţi Ghidul Utilizatorului. Driverele Mac drivers pot fi găsite în folderul Mac OS X folder de la Utility and Driver CD-ROM drive.

1. Introduceţi **CD-ROM Utilitate & Driver** în compartimentul CD-ROM Drive

2. Daţi clic pe Run Autrun.exe (Windows 7/Vista numai).

3. Daţi clic pe Install Utility. Daţi clic apoi la sistemul de operare.

4. Urmaţi instrucţiunile de la InstallShield Wizard şi apoi daţi clic pe Finish.

5. Selectaţi **No, I will restart my computer later** şi daţi clic apoi pe **Finish**. (numai pentru Windows 98SE, Me şi Vista)
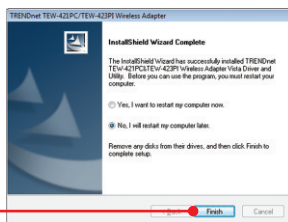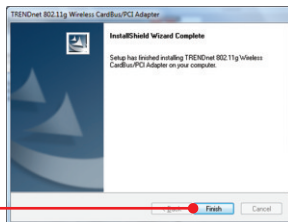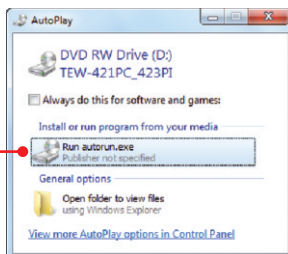
TEW-421PC

6. Închideţi calculatorul.

7. Introduceti cardul PC ferm în spatiul special destinat de la unitatea notebook PC si porniti apoi calculatorul si asteptati pâna când apare pe desktop Windows.

8. Mergeţi la **Puntul 12**.

TEW-423PI
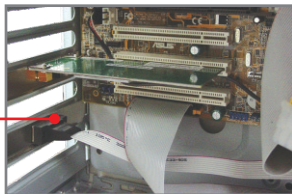
9. Închideţi calculatorul.
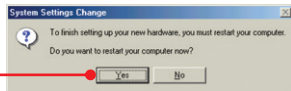
10. Deschideţi carcasa calculatorului.

11. Introduceti Cardul PCI ferm în spatiul special destinat, disponibil la desktop PC, atasati antenna din dotare si porniti calculatorul. Asteptati pâna când apare pe desktop Windows.

12. Driverele se vor instala automat.

13. Daţi clic pe **Yes** pentru a reporni calculatorul (numai Windows 98SE şi Me).

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Windows 7 / Vista / XP / 2000

<u>Notă:</u> Utilitatea de Configurare Windows XP Wireless Zero Configuration trebuie să fie dezactivată prima. Vă rugăm consultaţi întrebarea 4 de la capitolul Depistarea Problemelor.

1. În colţul de jos din partea dreaptă a ecranului daţi dublu clic pe icoana **Wireless Adapter Configuration Utility**.

2. Daţi clic pe **Site Survey.** Selectaţi reţeaua wireless dorită şi apoi daţi clic pe **Connect**.
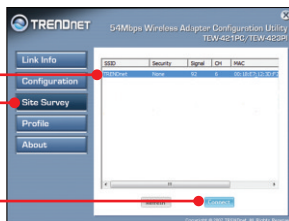
3. Dacă este activată codificarea la punctual dvs de acces, selectaţi Authentication şi Encryption introducţi codul şi daţi clic apoi pe **Apply.**

Windows ME / 98SE

1. În colţul de jos din dreapta ecranului, **daţi dublu clic** pe icoana **Wireless Adapter Configuration Utility**.

2. Daţi clic pe **Site Survey**.
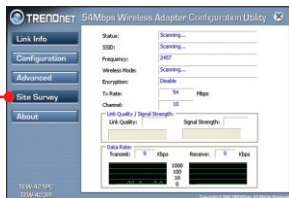
3. Daţi clic pe **SSID** care se potriveşte cu punctul dvs de acces fără fir şi daţi clic apoi pe **Connect**.
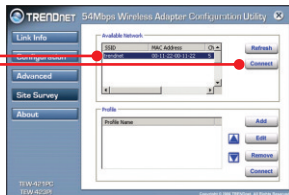
4. Dacă este activată codificarea la punctual dvs de acces, selectaţi Authentication şi Encryption introduci codul şi daţi clic apoi pe **Apply.**
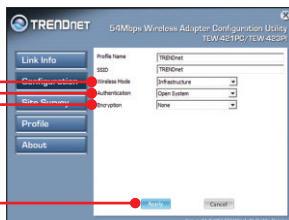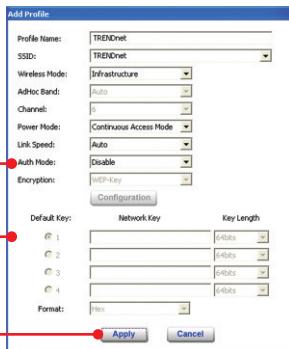
Configurarea wireless este acum gata!

Pentru informaţii detaliate privind configurarea şi setările avansate ale **TEW-421PC/TEW-423PI**, vă rugăm consultaţi Ghidul Utilizatorului de pe CD-ROM Utilitz & Driver sau accesaţi pagina web TRENDnet la: www.trendnet.com

Inregistrati-va produsul
Pentru a va asigura ca veti primi cel mai ridicat nivel de suport, va rugam sa va inregistrati electronic produsul la www.trendnet.com/register Va multumim pentru ca ati ales TRENDnet.

1. I inserted the Utility & Driver CD-ROM into my computer's CD-ROM Drive and the installation menu does not appear automatically. What should I do?

1. For Windows 7, if the installation menu does not appear automatically, click on the Windows Icon on the bottom left hand corner of the screen,, click the "Search programs and files" box, and type D:\autorun.exe, where "D" in "D:\autorun.exe" is the letter assigned to your CD-ROM Drive, and then press the ENTER key on your keyboard.

2. For Windows Vista, if the installation menu does not appear automatically, click **Start**, click the **Start Search** box, and type **D:\autorun.exe** where "**D**" in "D:\autorun.exe" is the letter assigned to your CD-ROM Drive, and then press the ENTER key on your keyboard.

3. For Windows 2000/XP, if the installation menu does not appear automatically, click **Start**, click **Run**, and type **D:\autorun** where "**D**" in "D:\autorun.exe" is the letter assigned to your CD-ROM Drive, and then press the ENTER key on your keyboard.

2. I completed all the steps in the quick installation guide, but my Wireless Adapter is not connecting to my access point. What should I do?

1. Verify that the Network Name (SSID) matches your wireless router or access point's Network Name (SSID).

2. Check your TCP/IP properties to ensure that Obtain an IP address automatically is selected.

3. Open the Wireless Adapter Configuration Utility icon, click Site Survey and then click refresh to check and see if there are any available wireless networks listed.

4. Your wireless network may be encrypted. Contact your network administrator to find the encryption type and encryption key. Then click on **Configuration (Windows Vista/XP/2000)** or **Advanced (Windows ME/98SE)** to enter the encryption key.

3. Windows is unable to recognize my hardware. What should I do?

1. Make sure your computer meets the minimum requirements as specified in Section 1 of this quick installation guide.

2. You must complete the installation of the wireless adapter configuration utility (as described in Section 2) before connecting the Wireless Adapter to your computer.

3. Connect the Wireless Adapter to a different PCI/PC Card slot on your computer.

4. I cannot open the wireless adapter configuration utility. What should I do?

1. Access your device manager to make sure the adapter is installed properly. If you see a networking device with a yellow question mark or exclamation point, you will need to reinstall the device and/or the drivers. To access the device manager on Windows 7, click on the Windows icon on the bottom left hand corner of the screen, right-click on Computer, click Properties and then click **Device Manager**. To access the device manager on Windows Vista, right-click on **Computer**, click **Properties** and then click **Device Manager**. To access the device manager on Windows 2000/XP, right-click **My Computer**, click **Properties**, click the **Hardware** tab, and then click **Device Manager**.

2. If you are running Windows XP, you need to disable wireless zero configuration. Go to **Control Panel -> Network Connections**. Right click on the **Wireless Network Connection** icon and select **Properties**. Click on the **Wireless Networks** tab and uncheck **Use windows to configure my wireless settings.** Then click **OK**.

If you still encounter problems or have any questions regarding the **TEW-421PC / TEW-423PI**, please refer to the User's Guide included on the Utility & Driver CD-ROM or contact TRENDnet's Technical Support Department.

1. Am introdus CD-ROM Utility & Driver în CD-ROM Drive dar nu apare automat meniul de instalare. Ce ar trebui să fac?
1. Pentru Windows 7, dacă nu apare automat meniul de instalare daţi clic pe icoana Windows din colţul de jos din partea stângă a ecranului, daţi clic pe "Search programs and files" şi tastaţi D:\autorun.exe unde "D" unde "D:\autorun.exe" este litera atribuită Drive CD-ROM-ului dvs., apoi apăsaţi pe tasta ENTER pentru a începe instalarea.
2. Pentru Windows Vista, dacă nu apare automat meniul de instalare daţi clic pe Start, clic pe Start Search, şi tastaţi D:\autorun.exe unde "D" unde "D:\autorun.exe" este litera atribuită Drive CD-ROM-ului dvs., apoi apăsaţi pe tasta ENTER pentru a începe instalarea.
3. Pentru Windows 2000/XP, dacă nu apare automat meniul de instalare daţi clic pe Start, clic pe Run, şi tastaţi D:\autorun.exe unde "D" unde "D:\autorun.exe" este litera atribuită Drive CD-ROM-ului dvs., apoi apăsaţi pe tasta ENTER pentru a începe instalarea.

2. Am terminat toate etapele din ghidul de instalare rapidă dar Adaptorul meu Wireless nu se conectează la punctul de acces. Ce trebuie să fac?
1. Verificaţi dacă numele reţelei (SSID) se potriveşte cu routerul wireless sau cu numele reţelei punctului de acces (SSID).
2. Verificaţi proprietăţile TCP/IP pentru a vă asigura că este selectată obţinerea automată a adresei IP.
3. Deschideţi icoana Wireless Adapter Configuration Utility, daţi clic pe Site Survey şi apoi clic pe Refresh pentru a vedea dacă există în listă reţele wireless disponibile.
4. Este posibil ca reţeaua dvs să fie codificată. Luaţi legătura cu administratorul de reţea pentru a afla tipul de codificare şi codul. Daţi clic apoi pe Configuration Windows 7/Vista/XP/2000 sau pe Advanced (Windoes ME/98SE) pentru a introduce codul.

3. Windows nu poate să recunoască hardware. Ce trebuie să fac?
1. Asiguraţi-vă ca aveţi un calculator care întruneşte cerinţele minime specificate la capitolul 1 din ghidul de instalare rapidă.
2. Trebuie să terminaţi instalarea programului de configurare wireless (aşa cum este descris la capitolul 2) înainte de a conecta Adaptorul Wireless la calculatorul dvs.
3. Conectaţi Adaptorul Wireless la un locaş al cardului PCI/PC diferit.

4. Nu pot deschide programul de configurare wireless. Ce trebuie să fac?
1. Accesaţi device manager pentru a fi siguri că adaptorul a fost instalat în mod corespunzător. Dacă vedeţi dispozitivul de reţea cu un semn de întrebare galben sau cu semnul exclamării va trebui să reinstalaţi dispozitivul şi/sau driverele. Pentru a accesa device manager pentru Windows 7, daţi clic pe icoana Windows din colţul de jos din partea stângă a ecranului,dreapta pe My Computer, clic pe Properties şi clic pe Device Manager. Pentru a accesa device manager pentru Windows 2000/XP, daţi clic dreapta pe My Computer, clic pe Properties şi sub tabul Hardware daţi clic pe Device Manager.
2. Dacă operaţi cu Windows XP, va trebui să dezactivaţi „wireless zero configuration". Mergeţi la Control Panel -> Network Connections. Daţi clic dreapta pe icoana Wireless Network Connection şi selectaţi Properties. Daţi clic pe tabul Wireless Networks şi debifaţi ferestrele Use pentru a configura setările wireless. Daţi apoi clic pe OK.

Dacă întâmpinaţi totuşi probleme sau aveţi întrebări privind **TEW-421PC/TEW-423PI**, vă rugăm consultaţi Ghidul Utilizatorului de pe CD-ROM Utility&Driver sau luaţi legătura cu Serviciul de Asistenţă Tehnică de la TRENDnet.

The following are some general wireless tips to help minimize the impact of interference within an environment.

Assign your network a unique SSID
Do not use anything that would be identifying like "Smith Family Network". Choose something that you would easily identify when searching for available wireless networks.

Do not turn off the SSID broadcast
The SSID broadcast is intended to be on and turning it off can cause connectivity issues. The preferred method of securing a wireless network is to choose a strong form of encryption with a strong and varied encryption key.

Note: after setting up the SSID, encryption type and encryption key/passphrase, please make a note of them for future reference. You will need this information to connect your wireless computers to the wireless router/access point.

Change the channel
Most wireless access points and routers are defaulted to channel 6. If you have a site survey tool that will display the channels you can plan your channel selection around neighboring access points to minimize interference from them. If your site survey tool does not display the channel try using channels 1 or 11.

Change the channel bandwidth
If you are using an 802.11n router or access point you can also make the following changes. Change the channel bandwidth to 20/40MHz. This will provide the highest possible performance using an 802.11n device. Also, if using 802.11n you should be securing the network with WPA2 security.

Note: Due to Wi-Fi certification considerations if you choose WEP, WPA or WPA2-TKIP encryption this device may operate in legacy wireless mode (802.11b/g). You may not get 802.11n performance as these forms of encryption are not supported by the 802.11n specification.

Avoid stacking hardware on top of each other to prevent overheating issues
Maintain enough free space around the hardware for good ventilation and airflow. There should also be plenty of free space around the antennas to allow the wireless signal to propagate. Please also make sure that the wireless hardware is not placed in any type of shelving or enclosures.

There are a number of other environmental factors that can impact the range of wireless devices.

1. Adjust your wireless devices so that the signal is traveling in a straight path, rather than at an angle. The more material the signal has to pass through the more signal you will lose.

2. Keep the number of obstructions to a minimum. Each obstruction can reduce the range of a wireless device. Position the wireless devices in a manner that will minimize the amount of obstructions between them.

3. Building materials can have a large impact on your wireless signal. In an indoor environment, try to position the wireless devices so that the signal passes through less dense material such as dry wall. Dense materials like metal, solid wood, glass or even furniture may block or degrade the signal.

4. Antenna orientation can also have a large impact on your wireless signal. Use the wireless adapter's site survey tool to determine the best antenna orientation for your wireless devices.

5. Interference from devices that produce RF (radio frequency) noise can also impact your signal. Position your wireless devices away from anything that generates RF noise, such as microwaves, HAM radios, Walkie-Talkies and baby monitors.

6. Any device operating on the 2.4GHz frequency will cause interference. Devices such as 2.4GHz cordless phones or other wireless remotes operating on the 2.4GHz frequency can potentially drop the wireless signal. Although the phone may not be in use, the base can still transmit wireless signals. Move the phone's base station as far away as possible from your wireless devices.

If you are still experiencing low or no signal consider repositioning the wireless devices or installing additional access points. The use of higher gain antennas may also provide the necessary coverage depending on the environment.

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.

0950-04-2375

Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário

0949-04-2375

Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário

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 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 existente en el pais o zona de instalación.

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Product Warranty Registration

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