

User's Guide

**TRENDNET**<sup>®</sup>



**AC1200 High Power Wireless Dual Band PCIe Adapter**

**TEW-807ECH**

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## Product Overview



**TEW-807ECH**

### Package Contents

In addition to your wireless adapter, the package includes:

- CD-ROM (Drivers)
- Multi-Language Quick Installation Guide
- 2 x High Gain Detachable Dual Band Antennas
- 1 x Magnetic Antenna Base with 1 m (3.3 ft.) extension cable
- Standard & Low Profile Brackets

If any package contents are missing or damaged, please contact the retail store, online retailer, or reseller/distributor from which the product was purchased.

### Features

TRENDnet's AC1200 High Power Wireless Dual Band PCIe Adapter, model TEW-807ECH, upgrades a standard or low profile Windows® tower computer to Wireless AC1200. Quickly connect to a high performance Wireless AC network at 867 Mbps or to a Wireless N network at 300 Mbps. A high power 500 mW radio with detachable 5 dBi antennas increase wireless coverage. A convenient 1 m (3.3 ft.) extension cable and a magnetic mounting base provide installation flexibility.

#### Easy Setup

Get up and running in minutes with the intuitive guided setup

#### AC1200 Dual Band

Connect to an extreme performance 867 Mbps Wireless AC or 300 Mbps Wireless N network\*

#### Wireless Coverage

Extended wireless coverage with high power 500 mW radio and detachable 5 dBi antennas

#### PCIe Slot

PCI Express slot (1x)

#### Heat Sink

Heat sink minimizes heat loading and optimizes processing performance

#### Tower Brackets

Includes standard and low profile tower brackets

#### Extension Cable

Convenient 1 m (3.3 ft.) extension cable provides installation flexibility

#### Magnetic Base

Adjustable magnetic mounting base attaches to the side of a tower computer or other metal surface

#### LED Indicator

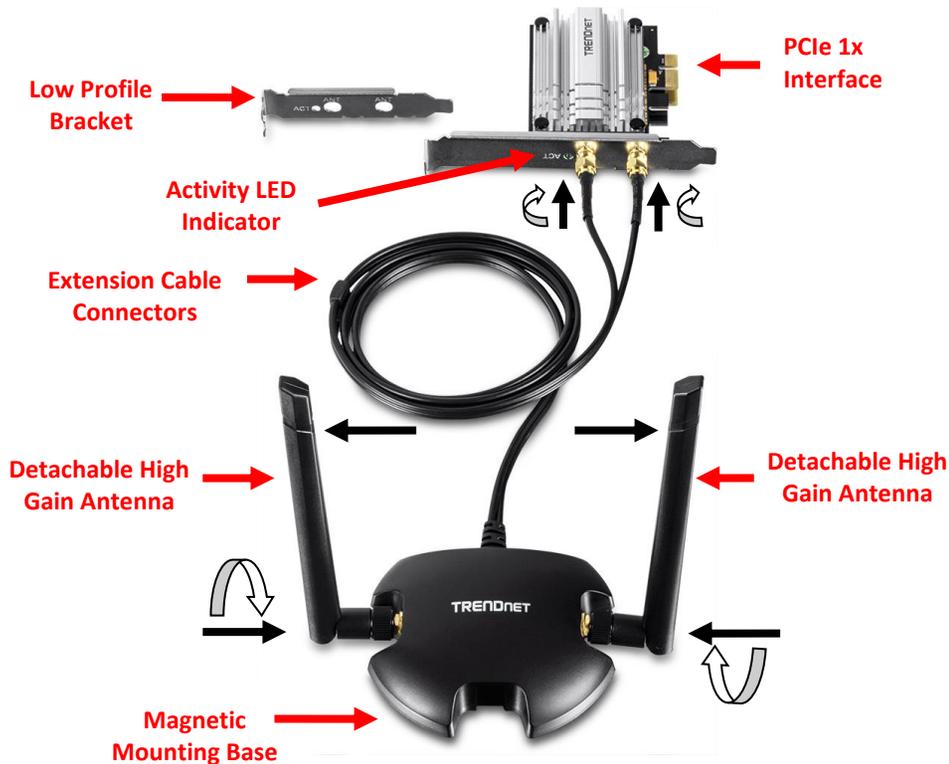
LED indicator conveys device status

#### Operating Systems

Compatible with Windows operating systems

\* Maximum wireless signal rates are referenced from IEEE 802.11 theoretical specifications. Actual data throughput and coverage will vary depending on interference, network traffic, building materials and other conditions. For maximum performance of up to 867Mbps, connect to an 867 Mbps 802.11ac wireless router or access point.

## Product Hardware Features



- **PCle 1x Interface** – The PCIe interface connects your adapter to PCIe slots on your computer.
- **Activity LED Indicator** –The LED will blink rapidly to indicate WPS has been activated. The LED will blink every 5 sec. when disconnected. When connected, the LED will blink rapidly during wireless data transmission.
- **Detachable High Gain Antennas** – The high gain antennas can be connected to the external mounting base for flexible and optimized antenna placement or connected directly to the antenna connectors on the adapter.
- **Mounting Base** – It is recommended to attach the antennas to the external mounting base to achieve the best possible placement and wireless coverage. The mounting base is also magnetic and can attach to metallic surfaces. When using the mounting base, the extension cable connectors will be connected to the antenna connectors located on the adapter.
- **Low Profile Bracket** – The low profile bracket can be used to install the adapter on low profile computer towers.

## System Requirements

- Windows® 8.1, 8, 7, Vista, or XP
- Available PCIe slot on your computer.
- CD-ROM Drive (Utility and Driver Installation with included CD)

**Application Diagram**



The AC1200 High Power Wireless Dual Band PCIe Adapter can provide wireless AC or wireless N connectivity through the use of an available PCIe slot on your computer to a wireless AC/N network (router/access point). The external mounting base allows for flexible and optimal antenna placement to achieve the best possible wireless coverage and connectivity

## Installing your Wireless Adapter

This section describes how to install the software driver for the wireless adapter.

1. Insert the included CD-ROM into your computer's CD-ROM drive.

**Note:** If you do not have the included CD-ROM, you can download the utility and drivers from <http://www.trendnet.com/downloads/>.



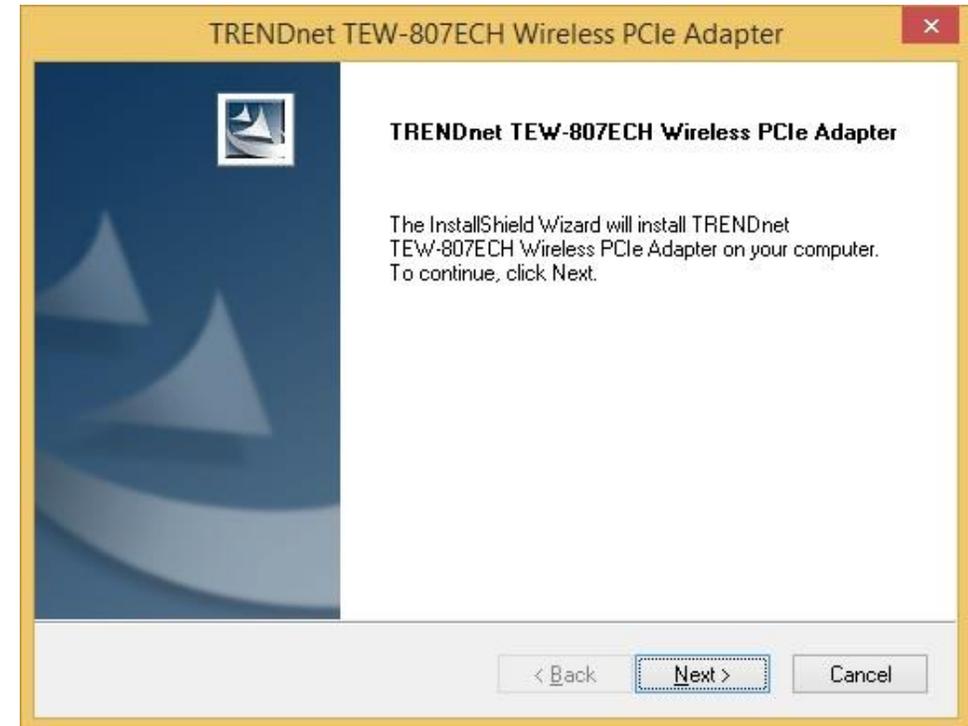
2. At the CD Autorun Prompt window, click *Run Autorun.exe*.

**Note:** If the Autorun prompt does not appear automatically, open the CD contents and double-click *Autorun.exe*.

At the CD-ROM main menu, click **Install Drivers**.



3. At the installation window, click **Next**.



4. You will be prompted to accept the end user license agreement. Select **I accept the terms of the license agreement** and click **Next**.

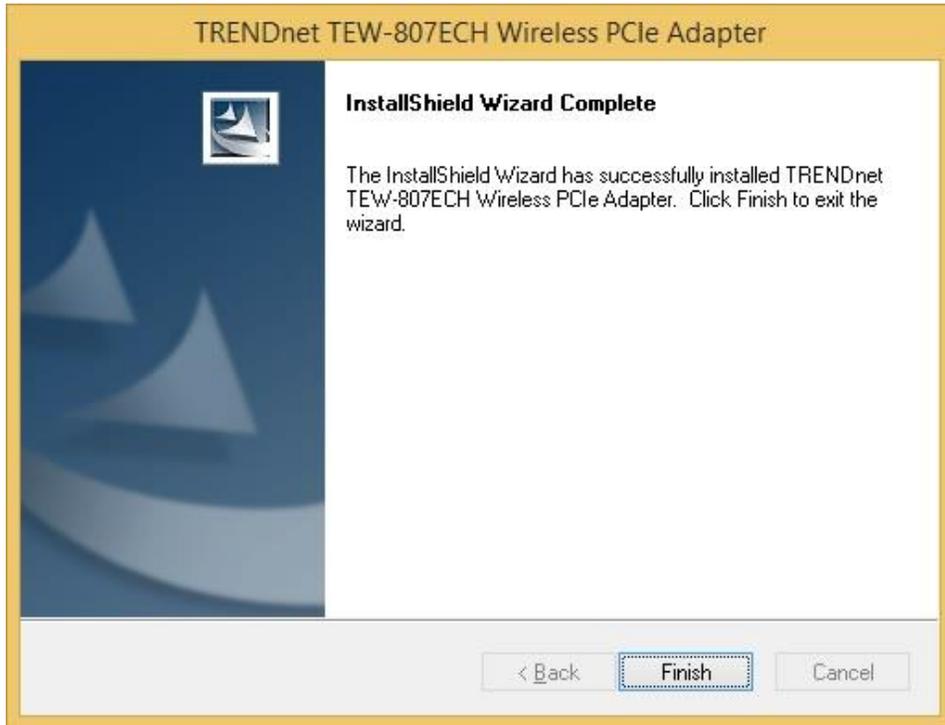


5. Wait for the utility and drivers installation to complete. This may take a few minutes.

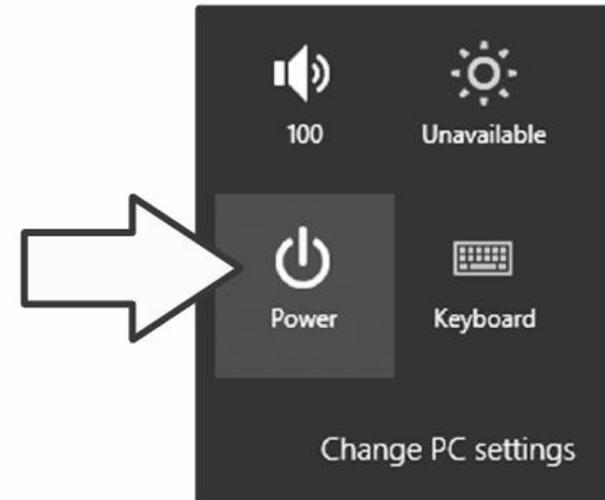
**Note:** If you do not receive a security prompt, continue to the next step. If prompted, click **Install this driver software anyway**.



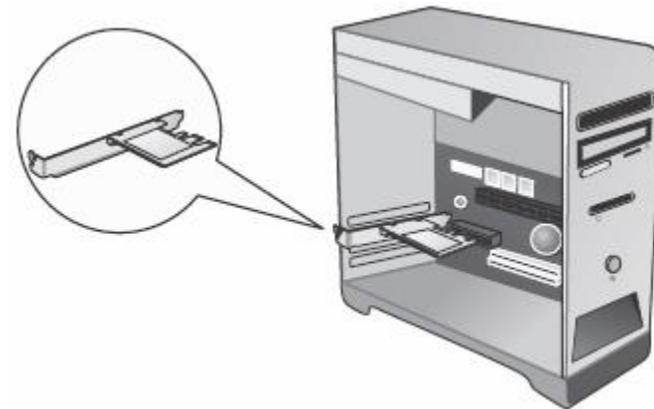
6. After the process is completed, click **Finish**.



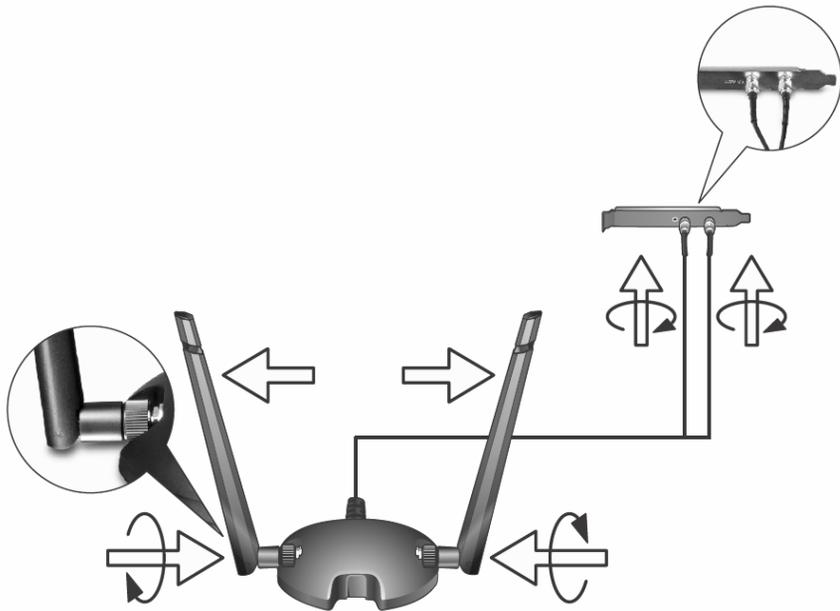
8. Please shut down your computer.



9. Locate an available PCIe slot inside of your computer. Insert the adapter into the available PCIe slot.



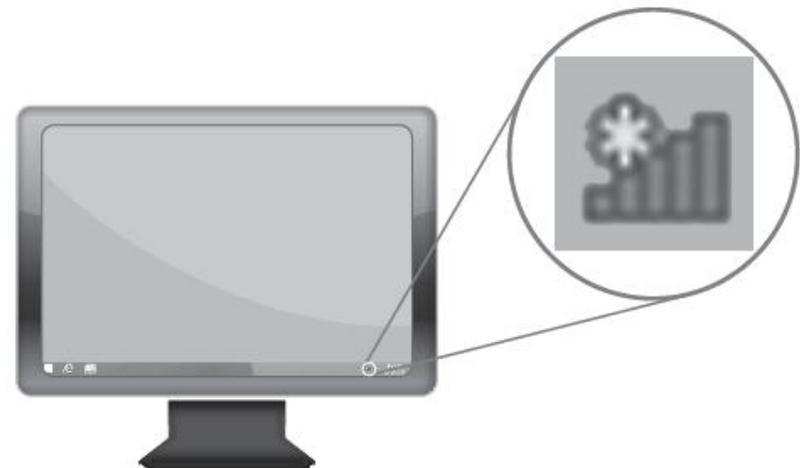
10. Attach the high gain detachable antennas to the antenna connectors on the mounting base and attach the extension cable connectors from the mounting base to the antenna connectors on the adapter. It is recommended to place the mounting base at the highest point possible (ex. table top or on top of the computer tower) and position the antennas at opposite angles as shown for optimal coverage. The mounting base is magnetic and attaches to the metallic surfaces for flexible placement. The antennas may also be directly connected to the antenna connectors on the adapter.



11. Power on your computer.



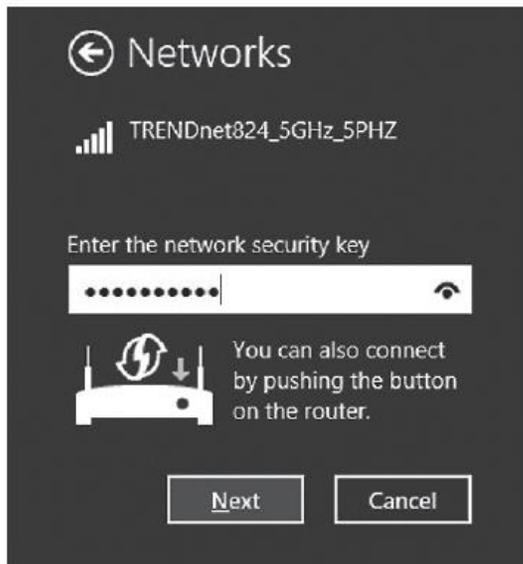
12. After the driver is successfully installed, click the icon in the system tray to scan for available wireless networks.



13. Click the network you would like to connect.

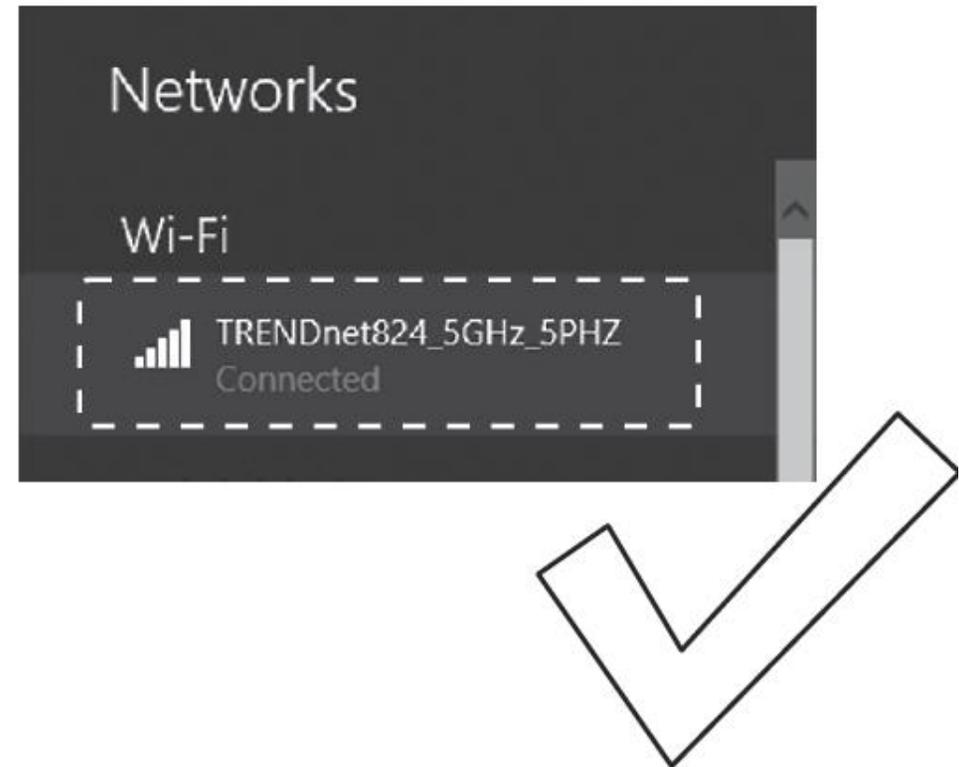


14. Enter the WiFi Key (password).



15. The status will display "Connected" to indicate a successful connection.

**Note:** If the connected message does not display, double check your WiFi key (password) and re-enter it.

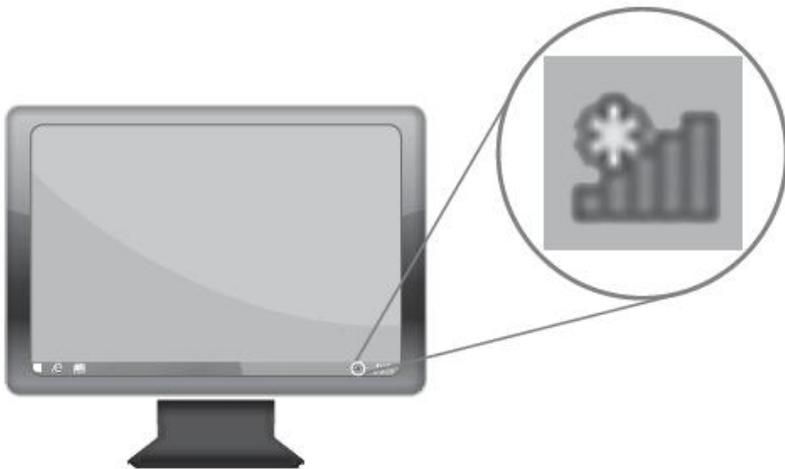


## Connect to your wireless network using WPS

WPS (Wi-Fi Protected Setup) is a feature that makes it easy to connect devices to your wireless network. If your wireless router/access point supports WPS, you can use this feature to easily connect wireless devices to your network.

**Note:** You can typically find out if you if your wireless router/access point supports WPS just by looking at the physical device. There should be a WPS push button located on the exterior casing of the device, if not, your device may not support WPS or you may need to reference your device documentation as to how WPS can be initiated on the device. If your device does not have an identifiable WPS push button on the exterior location, we would recommend using the standard connection method on the previous page.

1. Click the WiFi icon in the system tray to scan for available wireless networks.



2. Click the network you would like to connect.



3. Leave this window open.



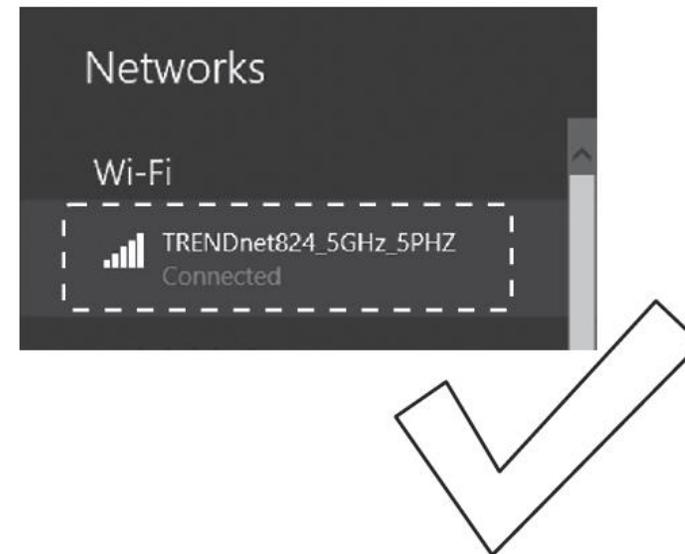
4. On your wireless router/access point, push the WPS button.

**Note:** Typically, the WPS button hold time is 3-5 sec., then release. For TRENDnet routers/access points, the WPS hardware push button hold time is 3 seconds. If you are using another brand device, you may need to refer to your device documentation for WPS operation.



15. The status will display "Connected" to indicate a successful connection.

**Note:** If the connected message does not display, double check your WiFi key (password) and re-enter it.



**Note:** If the WPS process fails, you will not receive a message "Connected". You may need to attempt the WPS process again. Please refer to your wireless router/access point documentation regarding the operation of WPS.

## Technical Specifications

### Standards

- PCI Express 1.0a
- IEEE 802.11a
- IEEE 802.11b
- IEEE 802.11g
- IEEE 802.11n (up to 300 Mbps)
- IEEE 802.11ac (up to 867 Mbps)

### Hardware Interface

- PCI Express x1 (Version 1.0a)
- LED indicator
- 2 x RP-SMA antenna connectors
- Magnetic Antenna Base with 1 m (3.3 ft) extension cable
- 2 High Gain Detachable Dual Band Antennas
- Standard and low profile tower brackets

### Encryption

- Wireless encryption: WEP, WPA/WPA2-PSK, WPA/WPA2-RADIUS

### Compatibility

- Windows® 8.1, 8, 7, Vista, XP

### Special Features

- 2 high gain dual band detachable antennas and integrated high powered amplifiers for long range connectivity
- Magnetic Antenna Base for easy mounting and antenna positioning for optimal signal reception
- High-speed 802.11ac connectivity

### Quality of Service

- WMM
- WMM-SA

### Frequency

- 2.4GHz: (FCC) 2.412 – 2.462GHz, (ETSI) 2.412 – 2.472GHz
- 5GHz: (FCC) 5.745 - 5.825GHz, (ETSI) 5.150 – 5.250GHz/5.260 – 5.320GHz/5.500 – 5.700GHz

### Modulation

- 802.11b: CCK, DQPSK, DBPSK
- 802.11a/g: OFDM with BPSK, QPSK and 16/64-QAM
- 802.11n: BPSK, QPSK, 16-QAM, 64-QAM with OFDM
- 802.11ac: OFDM with BPSK, QPSK and 16/64/256-QAM

### Antenna Gain

- 2.4 GHz/5 GHz: 2 x 5 dBi (max.) dual band external/detachable

### Wireless Output Power

- 802.11a: 28 dBm (max.) @ 54 Mbps
- 802.11b: 27 dBm (max.) @ 11 Mbps
- 802.11g: 27 dBm (max.) @ 54 Mbps
- 802.11n (2.4GHz): 27 dBm (max.) @ 300 Mbps
- 802.11n (5GHz): 27 dBm (max.) @ 300 Mbps
- 802.11ac: 27 dBm (max.) @ 867 Mbps

### Receiving Sensitivity

- 802.11a: -90 dBm (typical) @ 54 Mbps
- 802.11b: -91 dBm (typical) @ 11 Mbps
- 802.11g: -87 dBm (typical) @ 54 Mbps
- 802.11n (2.4GHz): -85 dBm (typical) @ 300 Mbps
- 802.11n (5GHz): -90 dBm (typical) @ 300 Mbps
- 802.11ac: -58 dBm (typical) @ 867 Mbps

**Wireless Channels**

- 2.4GHz: (FCC) 1-11, (ETSI) 1-13
- 5GHz: (FCC) 149, 153, 157, 161, 165, (ETSI) 36, 40, 44, 48, 52, 56, 60, 64, 100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140

**Power**

- Consumption: Max. 6 W

**Operating Temperature**

- 00 - 55 °C (32 – 141 °F)

**Operating Humidity**

- Max. 90% non-condensing

**Certifications**

- CE
- FCC

**Dimensions**

- 84 x 64 x 17 mm (3.3 x 2.5 x 0.7 in.)

**Weight**

- 80 g (2.8 oz.)
- Antenna Base: 114 g (4 oz.)

**\*Disclaimers\***

\* Maximum wireless signal rates are referenced from IEEE 802.11 theoretical specifications. Actual data throughput and coverage will vary depending on interference, network traffic, building materials and other conditions. For maximum performance of up to 867Mbps, connect to an 867 Mbps 802.11ac wireless router or access point.

## Troubleshooting

**Q: 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?**

**Answer:**

1. For Windows® 8.1/8/7, 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® 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.

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

**Answer:**

1. Verify that the SSID (Network Name) matches your wireless router or access point's SSID
2. Please check with your network administrator for security key in order to access a secured wireless access point or router. Please refer to the User's Guide for more information regarding wireless network security.
3. Check your TCP/IP properties to ensure that Obtain an IP address automatically is selected.
4. Double-click the Wireless Configuration Utility icon, click Available Networks and then click Refresh to check and see if there are any available wireless networks listed.

**Q: Windows is unable to recognize my hardware. What should I do?**

**Answer:**

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 Configuration Utility (as described in Section 2) before connecting the Wireless USB Adapter to your computer.
3. Connect the Wireless USB Adapter to a different USB port on your computer.

**Q: I cannot open the Wireless Configuration Utility. What should I do?**

**Answer:**

Access your device manager to make sure the adapter is installed properly.

1. To access the device manager on Windows® 8.1/8/7, click on the Windows icon on the bottom left-hand corner, click **Computer**, click **System Properties** and then click **Device Manager**.
2. To access the device manager on Windows® Vista, right-click **Computer**, click **Properties** and then click **Device Manager**.
3. To access the device manager on Windows® XP, right-click **My Computer**, click **Properties**, click the **Hardware** tab, and then click **Device Manager**.

If you see a networking device with a yellow question mark or exclamation point:

1. Uninstall the device from device manager
2. Remove the adapter from the computer
3. Click the Windows / Start icon, click All Programs, click TRENDnet Wireless Utility and then click Uninstall.

## Appendix

### How to choose the type of security for your wireless network

Setting up wireless security is very important. Leaving your wireless network open and unsecure could expose your entire network and personal files to outsiders. TRENDnet recommends reading through this entire section and setting up wireless security on your new router.

There are a few different wireless security types supported in wireless networking each having its own characteristics which may be more suitable for your wireless network taking into consideration compatibility, performance, as well as the security strength along with using older wireless networking hardware (also called legacy hardware).

It is strongly recommended to enable wireless security to prevent unwanted users from accessing your network and network resources (personal documents, media, etc.).

In general, it is recommended that you choose the security type with the highest strength and performance supported by the wireless computers and devices in your network. Please review the security types to determine which one you should use for your network.

#### Wireless Encryption Types

- **WEP:** Legacy encryption method supported by older 802.11a/b/g hardware. This is the oldest and least secure type of wireless encryption. It is generally not recommended to use this encryption standard, however if you have old 802.11 b, 802.11g or 802.11a wireless adapters or computers with old embedded wireless cards(wireless clients), you may have to set your router to WEP to allow the old adapters to connect to the router. **Note:** *This encryption standard will limit connection speeds to 54Mbps.*

- **WPA:** This encryption is significantly more robust than the WEP technology. Much of the older 802.11a or 802.11g hardware has been upgraded (with firmware/driver upgrades) to support this encryption standard. Total wireless speeds under this encryption type however are limited to 54Mbps.
- **WPA-Auto:** This setting provides the router with the ability to detect wireless devices using either WPA or WPA2 encryption. Your wireless network will automatically change the encryption setting based on the first wireless device connected. For example, if the first wireless client that connects to your wireless network uses WPA encryption your wireless network will use WPA encryption. Only when all wireless clients disconnect to the network and a wireless client with WPA2 encryption connects your wireless network will then change to WPA2 encryption. **NOTE:** WPA2 encryption supports 802.11n speeds and WPA encryption will limit your connection speeds to 54Mbps
- **WPA2:** This is the most secure wireless encryption available today, similar to WPA encryption but more robust. This encryption standard also supports the highest connection speeds. TRENDnet recommends setting your router to this encryption standard. If you find that one of your wireless network devices does not support WPA2 encryption, then set your router to either WPA or WPA-Auto encryption.

**Note:** *Check the specifications of your wireless network adapters and wireless appliances to verify the highest level of encryption supported.*

**Open or Shared \ WEP** – Enter the WEP key for your wireless network. Wireless network has WEP security enabled, open or shared. Please note that the Key Index 1-4 must also match the same index configured on the wireless router/access point.

WEP Key Format	HEX	ASCII
Character set	0-9 & A-F, a-f only	Alphanumeric (a,b,c,?,*,/,1,2, etc.)
64-bit key length	10 characters	5 characters
128-bit key length	26 characters	13 characters

**WPA/WPA2-PSK/TKIP or AES** – Wireless network has WPA/WPA2-PSK security enabled, TKIP or AES. **Note:** 8-63 alphanumeric characters (a,b,c,?,\*,/,1,2, etc.)

Below is brief comparison chart of the wireless security types and the recommended configuration depending on which type you choose for your wireless network.

Security Standard	WEP	WPA	WPA2
<b>Compatible Wireless Standards</b>	IEEE 802.11a/b/g (802.11n devices will operate at 802.11g to connect using this standard)	IEEE 802.11a/b/g (802.11n/ac devices will operate at 802.11g to connect using this standard)	IEEE 802.11a/b/g/n/ac
<b>Highest Performance Under This Setting</b>	<b>Up to 54Mbps</b>	<b>Up to 54Mbps</b>	<b>Up to 867Mbps 11ac**</b> <b>Up to 300Mbps 11n*</b>
<b>Encryption Strength</b>	Low	Medium	High
<b>Additional Options</b>	Open System or Shared Key, HEX or ASCII, Different key sizes	TKIP or AES, Preshared Key or RADIUS	TKIP or AES, Preshared Key or RADIUS
<b>Recommended Configuration</b>	Open System ASCII 13 characters	TKIP Preshared Key 8-63 characters	AES Preshared Key 8-63 characters

\*Dependent on the maximum 802.11n data rate supported by the device (300Mbps)

\*\*Dependent on the maximum 802.11ac data rate supported by the device (867Mbps)

### How to find your IP address?

**Note:** Please note that although the following procedures provided to follow for your operating system on configuring your network settings can be used as general guidelines, however, it is strongly recommended that you consult your computer or operating system manufacturer directly for assistance on the proper procedure for configuring network settings.

#### Command Prompt Method

##### Windows® XP/Vista/7/8/8.1

1. On your keyboard, press **Windows Logo+R** keys simultaneously to bring up the Run dialog box.
2. In the dialog box, type **cmd** to bring up the command prompt.
3. In the command prompt, type **ipconfig /all** to display your IP address settings.

**Note:** If you are experiencing difficulties, please contact your computer or operating system manufacturer for assistance.

### How to configure your network settings to obtain an IP address automatically or use DHCP?

**Note:** Please note that although the following procedures provided to follow for your operating system on configuring your network settings can be used as general guidelines, however, it is strongly recommended that you consult your computer or operating system manufacturer directly for assistance on the proper procedure for configuring network settings.

#### Windows® 8/7

- a. Go into the **Control Panel**, click **Network and Sharing Center**.
- b. Click **Change Adapter Settings**, right-click the **Local Area Connection** icon.
- c. Then click **Properties** and click **Internet Protocol Version 4 (TCP/IPv4)**.
- d. Then click **Obtain an IP address automatically** and click **OK**.

#### Windows® Vista

- a. Go into the **Control Panel**, click **Network and Internet**.
- b. Click **Manage Network Connections**, right-click the **Local Area Connection** icon and click **Properties**.
- c. Click **Internet Protocol Version (TCP/IPv4)** and then click **Properties**.

- d. Then click **Obtain an IP address automatically** and click **OK**.

#### **Windows® XP**

- a. Go into the **Control Panel**, double-click the **Network Connections** icon
- b. Right-click the **Local Area Connection** icon and the click **Properties**.
- c. Click **Internet Protocol (TCP/IP)** and click **Properties**.
- d. Then click **Obtain an IP address automatically** and click **OK**.

**Note:** *If you are experiencing difficulties, please contact your computer or operating system manufacturer for assistance.*

#### **How to connect to a wireless network using the built-in Windows utility?**

**Note:** *Please note that although the following procedures provided to follow for your operating system on configuring your network settings can be used as general guidelines, however, it is strongly recommended that you consult your computer or operating system manufacturer directly for assistance on the proper procedure for connecting to a wireless network using the built-in utility.*

#### **Windows® 8.1/8/7**

1. Open Connect to a Network by clicking the network icon ( or ) in the notification area.
2. In the list of available wireless networks, click the wireless network you would like to connect to, then click **Connect**.
4. You may be prompted to enter a security key in order to connect to the network.
5. Enter in the security key corresponding to the wireless network, and click **OK**.

#### **Windows® Vista**

1. Open Connect to a Network by clicking the **Start Button**.  and then click **Connect To**.
2. In the **Show** list, click **Wireless**.
3. In the list of available wireless networks, click the wireless network you would like to connect to, then click **Connect**.
4. You may be prompted to enter a security key in order to connect to the network.
5. Enter in the security key corresponding to the wireless network, and click **OK**.

#### **Windows XP**

1. Right-click the network icon in the notification area, then click **View Available Wireless Networks**.
2. In **Connect to a Network**, under **Available Networks**, click the wireless network you would like to connect to.
3. You may be prompted to enter a security key in order to connect to the network.
4. Enter in the security key corresponding to the wireless network, and click **Connect**.

### 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:** To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices).

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



### FCC Radiation Exposure Statement

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

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

### 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 301 489-1	V1.9.2: 09-2011
EN 301 489-17	V2.2.1: 09-2012
EN 55022	2010 + AC: 2011 (Class B)

#### Radio Spectrum & Health

EN 300 328	V1.8.1 : 06-2012
EN 62311	2008

This product is herewith confirmed to comply with the Directives.

#### Directives

Low Voltage Directive 2006/95/EC and 2014/35/EU

EMC Directive 2004/108/EC

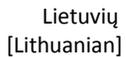
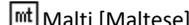
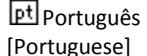
R&TTE Directive 1999/5/EC

EMF Directive 1999/519/EC

RoHS Directive 2011/65/EU

REACH Regulation (EC) No. 1907/2006

 Český [Czech]	TRENDnet tímto prohlašuje, že tento TEW-807ECH je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 2006/95/ES, 2014/35/EU, 2004/108/ES, 1999/5/ES, 2009/125/ES, 2011/65/EU, a REACH (ES) 1907/2006.
 Dansk [Danish]	Undertegnede TRENDnet erklærer herved, at følgende udstyr TEW-807ECH overholder de væsentlige krav og øvrige relevante krav i direktiv 2006/95/EF, 2014/35/EU, 2004/108/EF, 1999/5/EF, 2009/125/EF, 2011/65/EU, og REACH (EF) 1907/2006.
 Deutsch [German]	Hiermit erklärt TRENDnet, dass sich das Gerät TEW-807ECH in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 2006/95/EG, 2014/35/EU, 2004/108/EG, 1999/5/EG, 2009/125/EG, 2011/65/EU, und REACH (EG) 1907/2006 befindet.
 Eesti [Estonian]	Käesolevaga kinnitab TRENDnet seadme TEW-807ECH vastavust direktiivi 2006/95/EÜ, 2014/35/EU, 2004/108/EÜ, 1999/5/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 TEW-807ECH is in compliance with the essential requirements and other relevant provisions of Directive 2006/95/EC, 2014/35/EU, 2004/108/EC, 1999/5/EC, 2009/125/EC, 2011/65/EU, and REACH (EC) 1907/2006.
 Español [Spanish]	Por medio de la presente TRENDnet declara que el TEW-807ECH cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 2006/95/CE, 2014/35/EU, 2004/108/CE, 1999/5/CE, 2009/125/CE, , 2011/65/EU, y REACH (CE) 1907/2006.
 Ελληνική [Greek]	ΜΕ ΤΗΝ ΠΑΡΟΥΣΑΤRENDnet ΔΗΛΩΝΕΙ ΟΤΙΤΕW-807ΕCHΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 2006/95/ΕΚ, 2014/35/ΕU, 2004/108/ΕΚ, 1999/5/ΕΚ, 2009/125/ΕΚ, 2011/65/ΕU, REACH (ΕΚ) 1907/2006 και.
 Français [French]	Par la présente TRENDnet déclare que l'appareil TEW-807ECH est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 2006/95/CE, 2014/35/EU, 2004/108/CE, 1999/5/CE, 2009/125/CE, 2011/65/EU, REACH (CE) 1907/2006 et.
 Italiano [Italian]	Con la presente TRENDnet dichiara che questo TEW-807ECH è

	conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 2006/95/CE, 2014/35/EU, 2004/108/CE, 1999/5/CE, 2009/125/CE, 2011/65/EU, e REACH (CE) 1907/2006..
 Latviski [Latvian]	AršoTRENDnetdeklarē, ka TEW-807ECH atbilst Direktīvas 2006/95/EK, 2014/35/EU, 2004/108/EK, 1999/5/EK, 2009/125/EK, 2011/65/EU, un REACH (EK) 1907/2006 būtiskajāmprasībām un citiemar to saistītajiemnoteikumiem.
 Lietuvių [Lithuanian]	Šiuo TRENDnet deklaruoja, kad šis TEW-807ECH atitinka esminius reikalavimus ir kitas 2006/95/EB, 2014/35/EU, 2004/108/EB, 1999/5/EB, 2009/125/EB, 2011/65/EU, ir REACH (EB) 1907/2006 Direktyvos nuostatas.
 Nederlands [Dutch]	Hierbij verklaart TRENDnet dat het toestel TEW-807ECH in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 2006/95/EG, 2014/35/EU, 2004/108/EG, 1999/5/EG, 2009/125/EG, 2011/65/EU, en REACH (EG) 1907/2006.
 Malti [Maltese]	Hawnhekk, TRENDnet, jiddikjara li dan TEW-807ECH jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 2006/95/KE, 2014/35/EU, 2004/108/KE, 1999/5/KE, 2009/125/KE, 2011/65/EU, u REACH (KE) 1907/2006.
 Magyar [Hungarian]	Alulírott, TRENDnet nyilatkozom, hogy a TEW-807ECHmegfelel a vonatkozó alapvető követelményeknek és az 2006/95/EK, 2014/35/EU, 2004/108/EK, 1999/5/EK, 2009/125/EK, 2011/65/EU, irányelv, a REACH (EK) 1907/2006 irányelv egyéb előírásainak.
 Polski [Polish]	Niniejszym TRENDnet oświadcza, że TEW-807ECH jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 2006/95/WE, 2014/35/EU, 2004/108/WE, 1999/5/WE, 2009/125/WE, 2011/65/EU, i REACH (WE) 1907/2006.
 Português [Portuguese]	TRENDnet declara que este TEW-807ECH está conforme com os requisitos essenciais e outras disposições da Directiva 2006/95/CE, 2014/35/EU, 2004/108/CE, 1999/5/CE, 2009/125/CE, 2011/65/EU, e REACH (CE) 1907/2006.
 Slovensko [Slovenian]	TRENDnet izjavlja, da je ta TEW-807ECH v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 2006/95/ES, 2014/35/EU, 2004/108/ES, 1999/5/ES, 2009/125/ES, 2011/65/EU, in REACH (ES) 1907/2006.

Slovensky [Slovak]	TRENDnet tvrdí, že TEW-807ECH spĺňa požiadavky a všetky príslušné ustanovenia Smernice 2006/95/ES, 2004/108/ES, 2014/35/EU, 1999/5/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 TEW-807ECH tyyppinen laite on direktiivin 2006/95/EY, 2014/35/EU, 2004/108/EY, 1999/5/EY, 2009/125/EY, 1999/5/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 TEW-807ECH står i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bEYtämmelser som framgår av direktiv 2006/95/EG, 2014/35/EU, 2004/108/EG, 1999/5/EG, 2009/125/EG, 2011/65/EU, och REACH (EG) 1907/2006.

**Industry Canada Statement**

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

*Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.*

**Radiation Exposure Statement:**

This equipment complies with IC 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.

**Déclaration d'exposition aux radiations:**

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

**Caution:**

- (i) the device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;
- (ii) the maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall comply with the E.I.R.P. limit; and
- (iii) the maximum antenna gain permitted for devices in the band 5725-5825 MHz shall comply with the E.I.R.P. limits specified for point-to-point and non point-to-point operation as appropriate.
- (iv) Users should also be advised that high-power radars are allocated as primary users (i.e. priority users) of the bands 5250-5350 MHz and 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

**Avertissement:**

- (i) les dispositifs fonctionnant dans la bande 5150-5250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux;
- (ii) le gain maximal d'antenne permis pour les dispositifs utilisant les bandes 5 250-5 350 MHz et 5 470-5 725 MHz doit se conformer à la limite de P.I.R.E.;

(iii) le gain maximal d'antenne permis (pour les dispositifs utilisant la bande 5 725-5 825 MHz) doit se conformer à la limite de P.I.R.E. spécifiée pour l'exploitation point à point et non point à point, selon le cas.

(iv) De plus, les utilisateurs devraient aussi être avisés que les utilisateurs de radars de haute puissance sont désignés utilisateurs principaux (c.-à-d., qu'ils ont la priorité) pour les bandes 5 250-5 350 MHz et 5 650-5 850 MHz et que ces radars pourraient causer du brouillage et/ou des dommages aux dispositifs LAN-EL.

This device has been designed to operate with a dipole antenna have a maximum gain of 5 dBi. Antenna having a higher gain is strictly prohibited per regulations of Industry Canada. The required antenna impedance is 50 ohms.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (E.I.R.P.) is not more than that necessary for successful communication.

This radio transmitter (IC: 6337-TEW807ECH) has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain and required antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Ce dispositif a été conçu pour fonctionner avec une antenne ayant un gain maximal de dipole antenne avec 5 dBi. Une antenne à gain plus élevé est strictement interdite par les règlements d'Industrie Canada. L'impédance d'antenne requise est de 50 ohms.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité

Le présent émetteur radio (IC: 6337-TEW807ECH) a été approuvé par Industrie Canada pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal et l'impédance requise pour chaque type d'antenne. Les types d'antenne non inclus dans cette liste, ou dont le gain est supérieur au gain maximal indiqué, sont strictement interdits pour l'exploitation de l'émetteur.

**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.

## TEW-807ECH – 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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## 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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