

TEW-429UB

**802.11g Wireless USB 2.0 Adapter with WiFi Detector
Quick Installation Guide**

**Adaptateur USB 2.0 sans fil 802.11g avec détecteur WiFi
Guide d'installation rapide**

**Drahtloser 802.11g USB-2.0-Adapter mit WiFi-Detektor
Kurzanleitung zur Installation**

**Adaptador USB 2.0 inalámbrico 802.11g con detector WiFi
Guía de instalación rápida**

**Адаптер стандарта 802.11g Wireless USB 2.0 с локатором WiFi
Руководство по быстрой установке**

Version 07.05.2005



TRENDnet[®]
TRENDware, USA
What's Next in Networking

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English QIG

1. Prepare for Installation

Thank you for purchasing the TEW-429UB. Your new 54Mbps 802.11g Wireless USB 2.0 Adapter will allow you to connect to 802.11g or 802.11b networks and begin wirelessly sharing the Internet, files, and other resources. You can also locate various Hot Spots by using the LCD display.

This guide will help you set up and configure your Wireless USB Adapter. Following this installation should be quick and easy. If you run into problems, please refer to the Troubleshooting section or the more detailed installation procedures on the User's Guide CD-ROM. If you need further technical support, please visit www.TRENDNET.com or call technical support by phone.

Verify Package Contents

Please make sure you have everything in the box:



Minimum Hardware Requirements

Before installing this 802.11g Wireless USB Adapter, you should have a:

1. USB enabled computer
2. 300 MHz processor and 128 MB of memory (Recommended)
3. A minimum of 20MB of hard disk space.
4. CD-ROM drive
5. 802.11g or 802.11b Access Point (for Infrastructure Mode) or another 802.11g wireless adapter (for Ad-Hoc/Peer-to-Peer networking mode).
6. Windows 98SE/ME/2000/XP

2. Using the Hot Spot Detector




The following table illustrates each button's function.











Button	Functions
Power	Switch Power on/off
Seek	<ol style="list-style-type: none">1. Press [Seek] to search hotspots2. Press and hold the [Seek] button for 2 seconds to use different scanning features
Next	View the next access point

The following illustration explains the meaning for each symbol on the LCD display.



SSID	Displays the SSID of the access point. If the SSID is longer than 16 characters, it will scroll horizontally.
Channel	Displays the channel in use.
Entry	Displays the current entry. The TEW-429UB can hold a maximum of 16 entries.
Power	<p>Indicate the battery life status.</p> <ul style="list-style-type: none"> <li data-bbox="277 797 484 831"> Battery low <li data-bbox="277 864 484 898"> Battery full <li data-bbox="277 931 914 997"> At “adapter” mode, or charging the battery through USB port

<p>Scan mode</p>	<p>There are 3 scan modes (S, F and D mode). Hold the “Seek” button to toggle between scan modes. After switching to the desired scan mode, press “Seek” button again to do a site survey.</p> <p> [S] Mode: Ranks access points in the order of signal strength.</p> <p> [F] Mode: Lists all unencrypted access points (access points without security) and ranks each access piont in signal strength order.</p> <p> [D] Mode: Locks onto one access point to test its signal strength at different locations.</p>
<p>Security</p>	<p>Indicates security setting of the wireless network.</p> <p> WPA security is enabled</p> <p> WEP security is enabled</p> <p> Wireless security is disabled (no security)</p>
<p>Signal</p>	<p>Indicates the signal strength and the radio band (802.11b/g) of wireless network. There are 5 levels of signal strength.</p> <p> 802.11g mode at 2.4 GHz band</p> <p> 802.11b mode at 2.4 GHz band</p>

3. Install Wireless Configuration Utility

Windows 98SE/ME/2000/XP

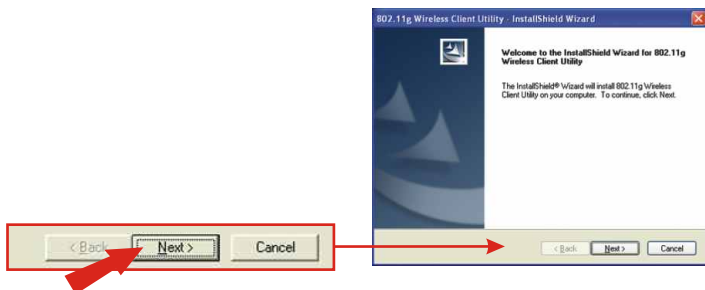
1. Insert the TEW-429UB CD-ROM into your computer's CD-ROM drive; the installation menu window will appear automatically. If the window does not appear automatically, click **Start**, click **Run**, and type **E:\Autorun.exe** in the text-field. Click **OK**.

Note: Replace "E" in "E:\Autorun.exe" with whichever letter is assigned to your CD-ROM drive.

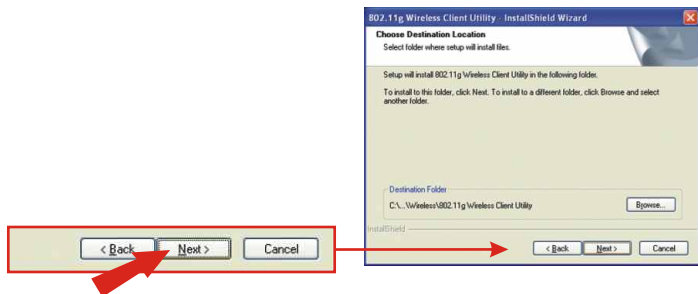
2. On the Installation Menu, click **Install Utility**.



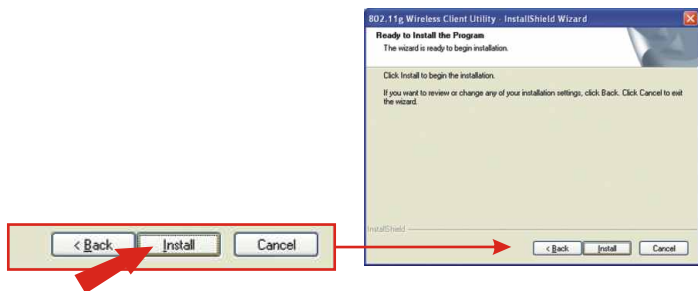
3. Follow the Install Shield Wizard's instructions to install the wireless configuration utility.
4. Click **Next**.



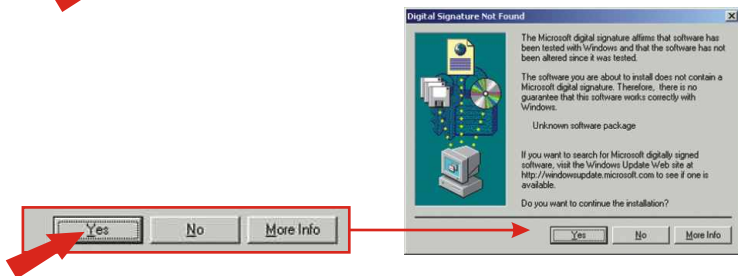
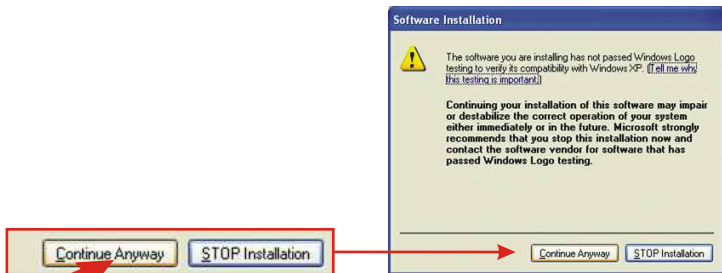
5. Click Next.



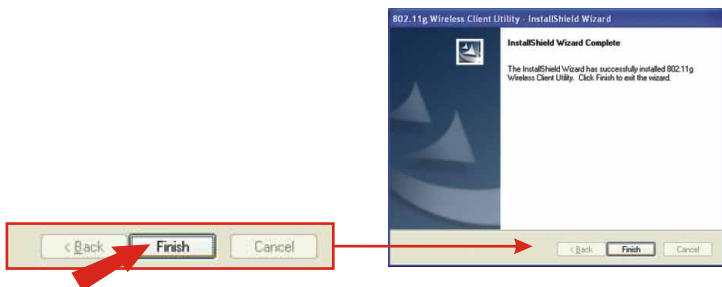
6. Click Install.



7. A warning message will tell you that the device you're installing has not yet been certified for Windows XP compatibility. Click **Continue Anyway**. For Windows 2000, click **Yes**.



8. Click **Finish**.



4. Install Hardware

The TEW-429UB is hot-pluggable. You can connect or disconnect the TEW-429UB while the computer is on.

Connect the TEW-429UB Wireless USB Adapter to your computer's USB port.



Note: you can use the included USB extension cable for your convenience to extend the cable connection between your computer and the TEW-429UB.

5. Install Drivers

Windows 98SE/ME

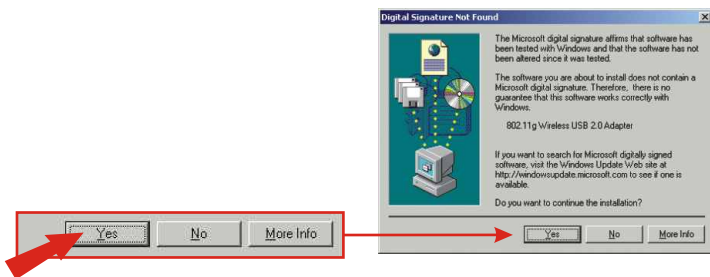
After installing the utility software, connect the Wireless USB Adapter to your computer's USB port.

1. Windows will automatically detect your new hardware and install the appropriate driver.



Windows 2000

1. After installing the utility software, connect the Wireless USB Adapter to your computer's USB port. Windows will detect new hardware and load the driver automatically.
2. When the Digital Signature Not Found Window appears, click **Yes** to continue.



NOTE: TRENDnet's Wireless Adapters have been fully tested under all supported Windows Operating Systems and have been approved for their functionality.

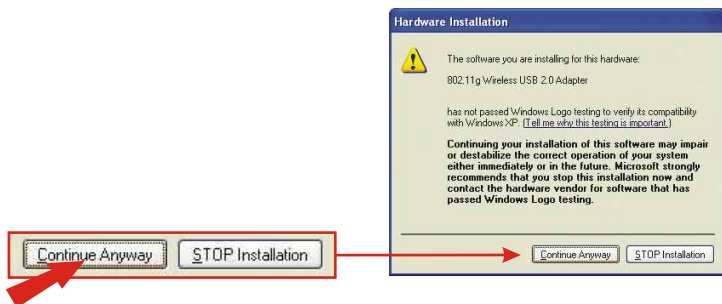
3. After clicking **Yes**, the wireless icon will appear in your system tray (next to the clock on the bottom right corner of your screen). If it does not appear, restart your computer. Go to **section 6 Wireless Configuration**.

Windows XP

1. After installing the utility software, connect the Wireless USB Adapter to your computer's USB port. The "Found New Hardware Wizard" will appear. Verify that **Install the software automatically** is selected and that the TEW-429UB CD-ROM is in your CD-ROM drive. Then click **Next**.

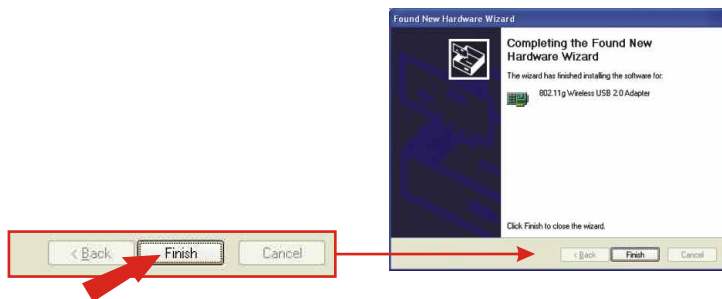


2. A warning message will tell you that the device you're installing has not yet been certified for Windows XP compatibility. Click **Continue Anyway**.



NOTE: TRENDnet's Wireless Adapters have been fully tested under all supported Windows Operating Systems and have been approved for their functionality.

3. The "Found New Hardware Wizard" will tell you that it has finished installing the software for your TEW-429UB. Click **Finish**.

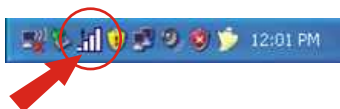


Note: After clicking **Finish**, the wireless icon will appear in your system tray (next to the clock on the bottom right corner of your screen). If it does not appear, restart your computer. **Go to section 6 Wireless Configuration.**

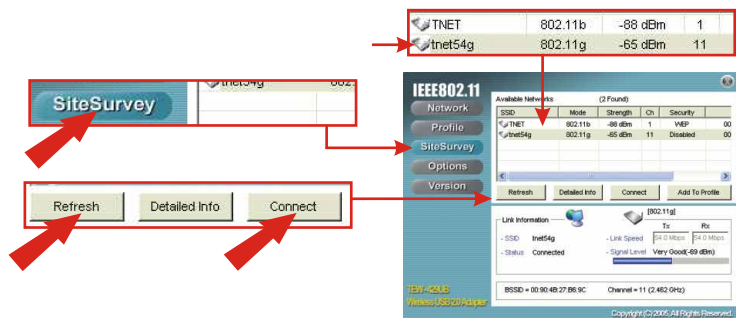
6. Wireless Configuration

Infrastructure Mode (PC-to-Access Point connection)

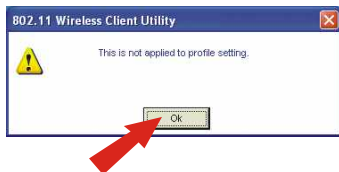
1. Double-click the wireless computer icon in your system tray (next to the clock in the bottom right corner of your screen).



2. Click **Site Survey**, click **Refresh**, and select the desired access point. Click **Connect**.



3. Click **OK**.



4. Please verify your connection status.

The image shows a screenshot of the IEEE802.11 network status interface. On the left, a red-bordered box highlights the text "- Status Connected", with a red arrow pointing to the "Connected" status in the main interface. On the right, another red-bordered box highlights the text "- Signal Level Good(-72 dBm)", with a red arrow pointing to the "Signal Level Good(-72 dBm)" text in the main interface. The main interface displays a table of available networks and detailed link information for the selected network.

SSID	Mode	Strength	Ch	Security	
WLANET	802.11b	-88 dBm	1	WEP	00
IEEE802.11g	802.11g	-65 dBm	11	Disabled	00

Link Information: [802.11g]

	Tx	Rx
- Link Speed	24.0 Mbps	24.0 Mbps
- Signal Level	Good(-72 dBm)	

BSSID = 00:90:4B:27:86:9C Channel = 11 (2.462 GHz)

Troubleshooting

Q1: I completed all the steps in the quick installation guide, but my wireless USB Adapter isn't connecting to my access point. What should I do?

A1: First, you should verify that the Network SSID matches your wireless router or access point's SSID. Second, you should check your TCP/IP properties to ensure that Obtain an IP address automatically is selected. Third, you can click on the Site Survey link to check and see if there are any available wireless networks listed.

Q2: Windows is unable to recognize my hardware. What should I do?

A2: Make sure your computer meets the minimum requirements as specified in Section 1 of this quick installation guide. Also, you must install the wireless configuration utility (as described in Section 3) before connecting the wireless USB Adapter.

Q3: I cannot open the wireless configuration utility. What should I do?

A3: Go to your device manager (control panel → system) 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.

If you still encounter problems, please refer to the User's Guide CD-ROM or contact technical support.

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.





What's Next in Networking

Product Warranty Registration

Please take a moment to register your product online.
Go to TRENDware's website at <http://www.TRENDNET.com>

TRENDnet Technical Support

US/Canada Support Center

Contact

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