# **TEW-229UB Quick Installation Guide**

This Installation Guide will lead you through the installation of the 802.11b Wireless USB Adapter and the Utility Software. To establish your wireless network connection, the following steps should be executed.

- 1. Install the Utility software.
- 2. Install the 802.11b Wireless USB Adapter's driver.
- 3. Setup Wireless Network.
- 4. Configure TCP/IP Network Protocols to communicate with your network

This product is designed to operate in Windows 98, ME, 2000 and XP. The installation procedures for each operating system are similar.

### **Install the Utility Software**

- Insert the Utility CD-ROM into your computer's CD-ROM drive, the installation menu window will appear automatically. If the window does not appear automatically, please click on "Start", select "Run", type in D:\Autorun.exe, and click "Ok" (assuming D: is the computer's CD-ROM drive letter) to start the installation.
- 2. At the "Installation Menu", click on "Install Utility", and follow the Install Shield Wizard's instructions on the screen to install the Utility.



### **Install the Wireless USB Adapter Driver**

After the computer boots back up, insert the Wireless USB adapter into your computer's USB port. Windows operating system will detect the "New Hardware" 802.11b Pen Size Wireless USB Adapter and driver installation window will appear automatically. Follow the installation steps and direct Windows to search the driver in the CD-ROM directory path D:\Drivers\ to install the driver (assuming D: is the drive letter of the CD-ROM drive).

**Directory paths:** 

Windows 98: D:\Drivers\Windows 98 Windows ME: D:\Drivers\Windows ME Windows 2000: D:\Drivers\Windows 2000 Windows XP: D:\Drivers\Windows XP

Note: During the driver installation with Windows 2000 and XP, Windows may prompt "... digital signature not found..." or "...driver has not passed Windows logo testing...". Please click on "continue anyway" to finish the installation.

2. After the installation, you should see the "Wireless Utility" icon displayed on the lower right hand corner of the screen (desktop).



- Blue Color icon emeans the Wireless USB Adapter is connecting with another wireless device or AP successfully.
- Red Color icon<sup>2</sup>: means the Wireless USB adapter is not connecting to any wireless station or AP.

#### Setup Wireless Network

There are two types of wireless networks, **Ad-hoc (peer to peer)** mode and **Infrastructure (AP)** mode. To setup the wireless network correctly, you will need to determine which type of wireless network you have. By using the Wireless Configuration Utility, users can configure all the functions of the Wireless USB Adapter.

#### Setup Wireless USB Adapter in Ad-Hoc Mode

- 1. Double-click the utility icon 🚨 that appears in the taskbar.
- 2. Click on **Monitor** tab and click on **Change** button.

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002.11b Pen Siz	e Wireless USB Adapter	•
Current Profile:	Default	-
Monitor Statistics Site S	urvey   Encryption   Adva	nced   Profiles   Info
Operating Mode	Ad Hoc	]
Channel	10	Change
SSID	TrendNet	0.4-2
Tx Rate	Auto	
Int. Roaming	Disabled	Cancel
Radio	0n 💌	j –
Status	Scanning	
Signal Strength		
Link Quality		
		Hide

- 3. Select Ad-Hoc for Operating Mode.
- 4. Select a Channel number, which matches with your other wireless devices.
- 5. Type the **SSID**, which matches your other wireless devices.
- 6. Click on **Submit** button to complete the setup.

#### Setup Wireless USB Adapter in Infrastructure Mode

- 1. Double-click the utility icon 🚨 that appears in the taskbar.
- 2. Click on **Monitor** tab and click on **Change** button.

/ireless Configuration Utili	ty HW.00	×
802.11b Pen Si	ze Wireless USB Adapter 💌	
Current Profile:	Default	
Monitor Statistics Site S	Survey Encryption Advanced Profiles Info	
Operating Mode		
Channel	1 Change	
SSID	TNET	
Tx Rate	Auto	
Int. Roaming	Disabled Cancel	
Radio	0n 💌	
Status	Associated - BSSID: 00-90-48-04-59-38	
Signal Strength		
Link Quality	100 %	
	Hide	

- 3. Select Infrastructure for Operating Mode.
- 4. Type the **SSID**, which matches your Access Point in the network.
- 5. Click on **Submit** button to complete the setup.

# For detail information on configuring other wireless features, please refer to the User's Guide on the CD-ROM.

#### Windows XP Users:

If you have problem using the Utility Program, please read the following.

- Right-click at My Network Places icon on your desktop and select Properties
- Double-click on the Wireless Network Connection icon
- Click on the Advanced button



- Uncheck User Windows to configure my wireless network settings option

Availal To cor	ble <u>n</u> etworl nnect to ar	ks: n available n	etwork,	click Cor	nfigure.
i T	NET				Configure
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- Click OK and then you can configure the Wireless settings from Adapter's Utility Program

Note: Windows XP has it's own wireless management feature. User may need to disable it (following the steps above) to allow the Wireless USB Adapter Utility Program to function properly.

#### **Configure TCP/IP Network Protocol**

#### For Windows 2000/XP users:

- On the Desktop, right click on My Network Places → select Properties → right click on the Wireless Network Connection → select Properties, the Wireless Network Connection Properties Window will appear
- Under General tab, select Internet Protocol (TCP/IP) → click on Properties button, Internet Protocol (TCP/IP) Properties Window will appear
- i. For DHCP IP address Setup
  - 1. Select Obtain an IP address automatically option
  - 2. Select Obtain DNS server address automatically option
  - 3. Click Ok to complete.

#### ii. For Static IP address Setup

- 1. Select *Use the following IP address* option and enter the IP, Subnet Mask and Default gateway addresses.
- 2. Select *Use the following DNS server address* option and enter DNS addresses.
- 3. Click OK to complete

You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.	You can get IP settings assigned automatically if your network suppo this capability. Otherwise, you need to ask your network administrator the appropriate IP settings.	rts for
O Obtain an IP address automatically	Obtain an IP address automatically	
Use the following IP address:	O Use the following IP address:	
IP address:	<u>I</u> P address: 192 . 168 . 0 . 51	•
Subnet mask:	Sybnet mask: 255 . 255 . 255 . 0	-
Default gateway:	Default gateway:	
Obtain DNS server address automatically	○ 0 <u>b</u> tain DNS server address automatically	
O Use the following DNS server addresses:	Use the following DNS server addresses:	
Preferred DNS server:	Preferred DNS server: 192 . 152 . 81 . 1	-
Alternate DNS server:	Alternate DNS server:	

#### For Windows 98/ME users:

On the Desktop, right click on Network Neighborhood → select Properties
→ right click on the Wireless Network Connection → select Properties, the Wireless Network Connection Properties Window will appear

- Under Configuration tab, select 802.11b Pen Size Wireless USB Adapter (TCP/IP protocol) → click on Properties button, TCP/IP Protocol Properties Window will appear
  - i. For DHCP IP address Setup
    - 1. Select Obtain an IP address automatically option

#### ii. For Static IP address Setup

1. Select *Specify an IP address option* and enter the IP, Subnet Mask addresses.

Bindings	Advanced	NetBIOS	Bindings	Advanced	NetBIOS
DNS Configuration	Gateway WINS Conf	iguration IP Address	DNS Configuration	Gateway WINS Co	nfiguration IP Add
An IP address can If your network do your network admi the space below.	be automatically assigne es not automatically assig nistrator for an address, a	d to this computer. n IP addresses, ask nd then type it in	An IP address car If your network do your network admi the space below.	be automatically assigness not automatically assigness not automatically assing the second seco	ned to this computer sign IP addresses, a: and then type it in
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IP Address:			<u>I</u> P Address:	192.168. 0	0.51
Sybnet Mas	k:		S <u>u</u> bnet Mas	k: 255.255.25	5.0
Detect conn	ection to network media		☑ <u>D</u> etect conn	ection to network media	3

Note: If your network's "Wireless Access Point" or "Wireless Router" has DHCP Server feature, for ease of configuration, please enable it and setup the wireless adapter with DHCP IP configuration. After the wireless adapter connects to the Access Point or Router, it will receive the addresses automatically.

## **Checking the Adapter's IP Address**

**Windows 2000/XP**: go to "start", select "run", type in **cmd** and click ok. At the command prompt (C:\), type in **ipconfig/all** and hit "Enter".

**Windows 98/ME**: go to "Start", select "Run", type in **winipcfg** and click "OK". From the drop-down menu, select the name of the network adapter (not the PPP Adapter).

**Ping Command**: If you know a networked device's IP address, in the command prompt (c:\), type in **ping xxx.xxx.xxx** (where xxx.xxx.xxx is the device's IP address) and hit "Enter". If you see replies from this IP address, your computer should be able to communicate with this device.

# **Technical Support**

You can find the most recent driver/firmware/software and user documentations on the **TRENDware website** <u>http://www.trendnet.com</u>. **TRENDware** provides **free technical support** for all customers for the duration of the warranty period on this product.

## TRENDware Technical Support Tel: +1-310-891-1100 Fax: +1-310-891-1111

E-mail: support@trendware.com www.trendnet.com Monday ~ Friday, 7:30AM ~ 6:00PM Pacific Standard Time (except holidays)