Wireless USB Dongle

User's Manual

ABOUT THIS MANUAL

This manual is designed for use with the Wireless USB Dongle. Information in this document has been carefully checked for accuracy; however, no guarantee is given to the correctness of the contents. The information in this document is subject to change without notice. The manufacturer does not make any representations or warranties (implied or otherwise) regarding the accuracy and completeness of this document and shall in no event be liable for any loss of profit or any commercial damage, including but not limited to special, incidental, consequential, or other damage.

SAFETY INSTRUCTIONS

Always read the safety instructions carefully:

■ Keep this User's Manual for future reference

■ Keep this equipment away from humidity

■ If any of the following situation arises, get the equipment checked by a service technician:

● The equipment has been exposed to moisture.

● The equipment has been dropped and damaged.

● The equipment has obvious sign of breakage.

● The equipment has not been working well or you cannot get it to work according to the User's Manual.

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1. Introduction

This **Wireless USB Dongle** enables you to access your USB devices without limitation caused by wire. This Dongle is designed to adapt your regular USB 2.0 interface to a Wireless USB interface. Simply plug this dongle to your USB socket then the notebook turns into a wireless USB enabled platform, access your wireless USB devices such as printer, scanner freely without boundary up to 10 meters. Just plug the dongle in, then enjoy the freedom and take the advantage of operation wirelessly with the latest Wireless USB technology.

Features

- Connect USB devices wirelessly
- No more wires , and less cable clutter
- Transmission speeds of up to 480Mbps
- Operation range up to 10 meters
- Support USB bus power low power use
- UWB (Ultra-Wide Band) technology use

Package Contents

- Wireless USB Dongle   x1
- CD (Driver and User's Manual)   x1
- Quick Installation Guide   x1

System Requirements

- Windows® XP SP2, Vista™ 32/64-bit

Applicable for Serial Products of WUSB

- Wireless USB 1 – Port Hub
- Wireless USB 4 – Port Hub
- Wireless USB Display Adapter
- Wireless USB Enclosure
- Wireless USB Docking

Notice

Environmental factors will affect wireless signal range. Actual wireless performance depends on various factors, including wireless distance, network condition, operation system, hardware environment, actual data throughput etc. To get the better performance, please note the host and device antenna need to be leveled horizontally and without obstacle between when using.
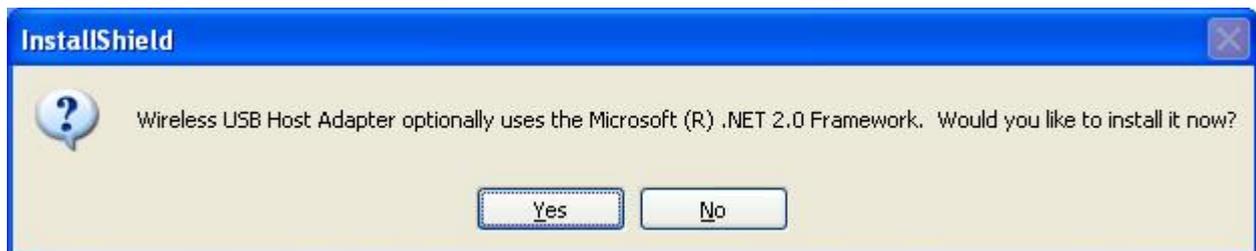
2. Installation

On Windows XP

Caution: DO NOT connect the product to your computer before installing the driver on the provide CD.
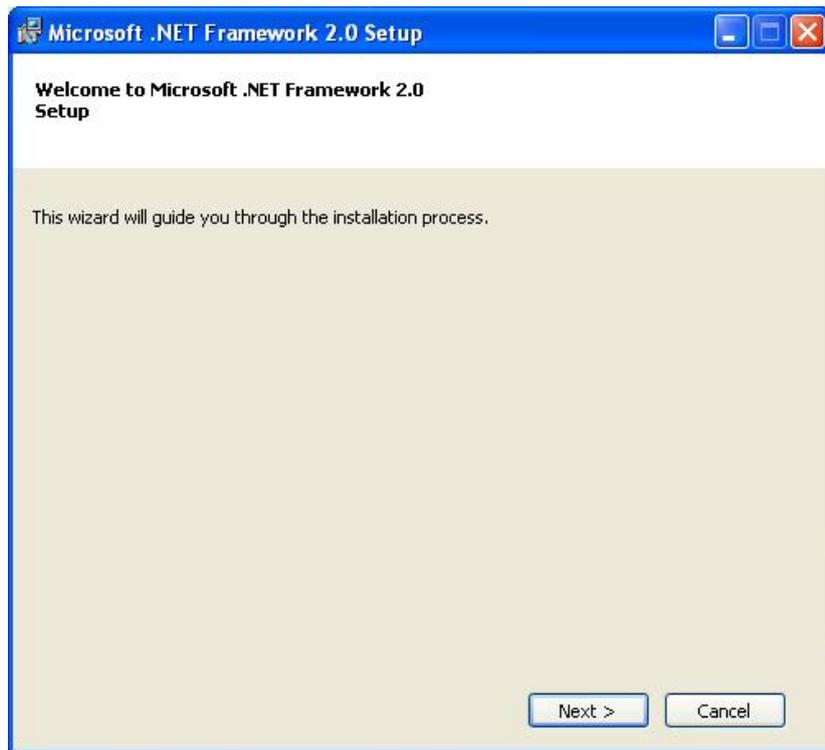
To install Microsoft (R) .NET 2.0 Framework

1. Insert the provided CD into your disc drive and the installer program will run automatically when the **Wireless USB Dongle** CD is inserted.

    If the installer program doesn't run automatically, please locate and **double-click** on the **Autorun.exe** file in the CD to launch the install program.
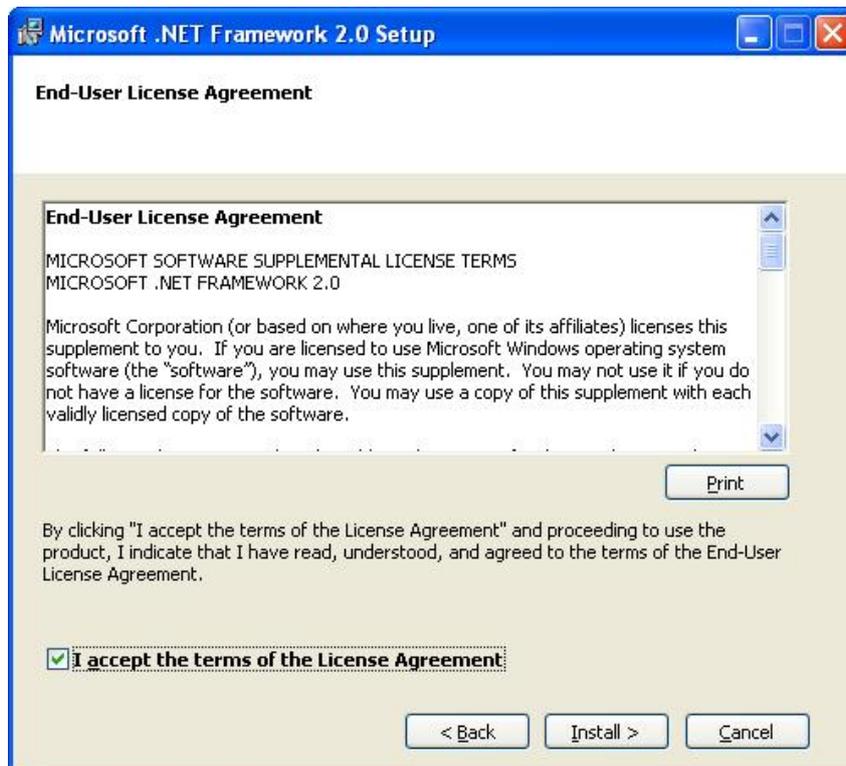
2. If there is no **Microsoft (R) .NET 2.0 Framework** in your computer, you may see the screen prompted as below, and just **click on Yes** to start the Microsoft (R) .NET 2.0 Framework install process.
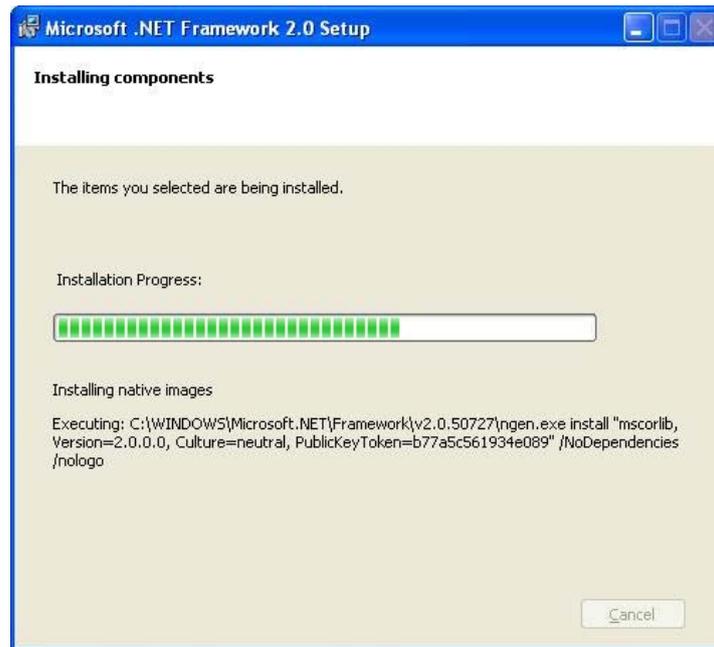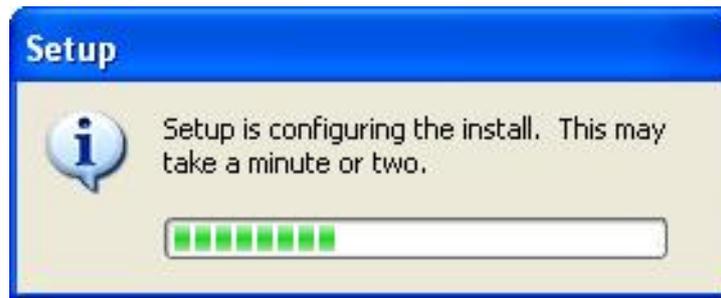
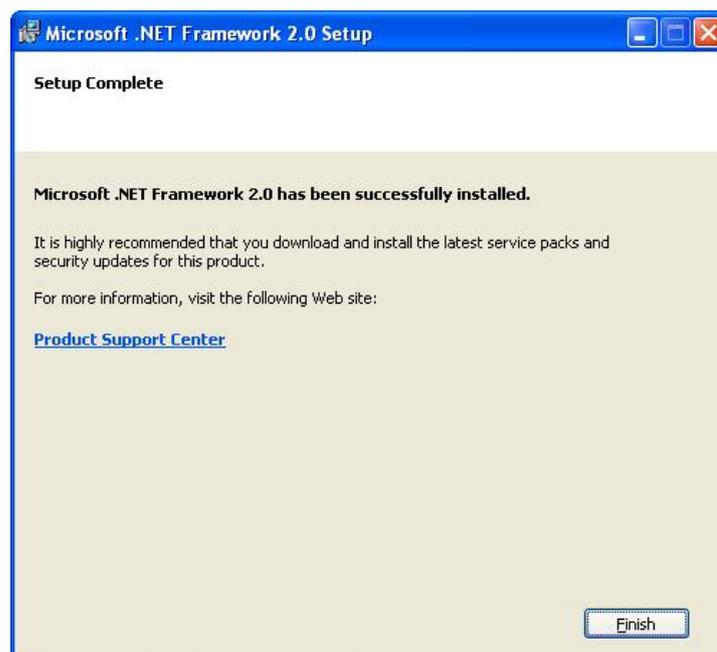3. When you see the Microsoft .NET Framework 2.0 Setup screen as below, just click on Next anyway.

4. When you see **License Agreement** as below, please Click on **Yes** to continue installs process.

5. Please wait few minutes to run the Setup process, the actual needed time will depends on your hardware environment.

6. Please click on **Finish** to complete the installation of Microsoft .NET Framework 2.0.

To install Wireless USB Dongle Driver

1. Insert the provided CD into your disc drive and the installer program will run automatically when the **Wireless USB Dongle** CD is inserted. Please click **Install** to start the Wireless USB Driver install.

    If the installer program doesn't run automatically, please locate and **double-click** on the **Autorun.exe** file in the CD to launch the install program.
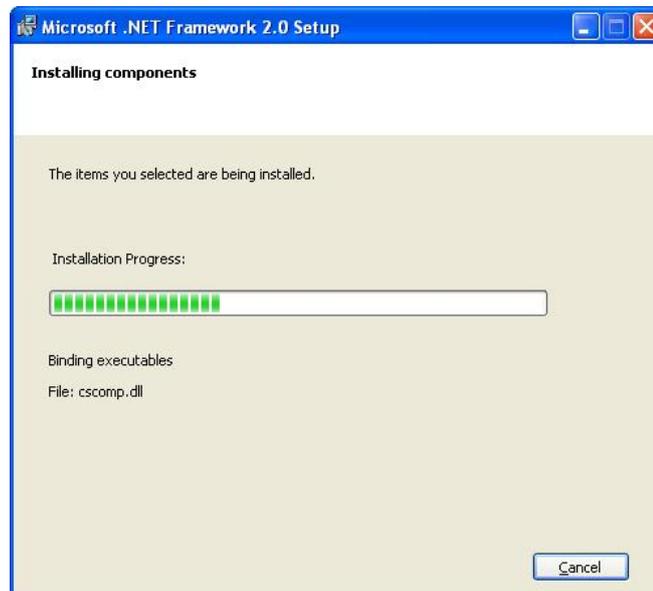
2. Please wait few second to run the **Preparing to Install …**process, the actual need time will depends on your hardware environment.
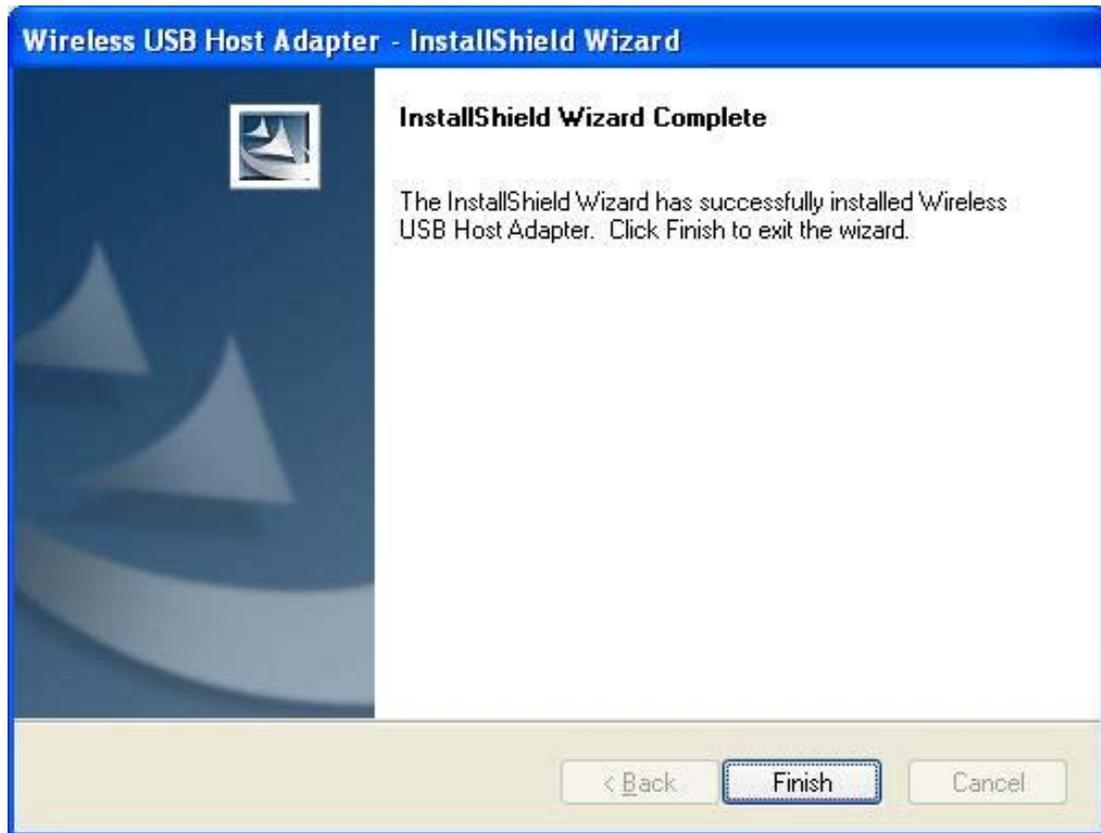
3. When you see the **Wireless USB Host Adapter** screen as below, just click on **Next** anyway.

4. When you see **License Agreement** as below, please click on **Yes** to start Wireless USB Host Adapter software configuring process.

5. Please click on **Finish** to complete the installation of **Wireless USB Host Adapter**.

6. Now you have completed the installation of **Wireless USB Host Dongle**. And you may find the icon of **Wireless USB Manager** of below in red mark at the notification area. The Icon color in gray means the status of before makes wireless connection.

Actual strings depend on your operation system. These screen shots are from Windows XP SP2 and might vary slightly for each operation system.

Note：You will need to associate your Wireless USB device with the host adapter, so the device can be recognized and connected. About the way of **Wireless Connection** between Wireless USB Host Adapter and Wireless USB device, please refer to the next section **of Wireless Connection.**

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On Windows Vista

Caution: DO NOT connect the product to your computer before installing the driver on the provide CD.

To install Wireless USB Dongle Driver

1. Insert the provided CD into your disc drive and installer program will run automatically when the **Wireless USB Dongle** CD is inserted. Please click on **Run Autorun.exe** to execute the installer program.
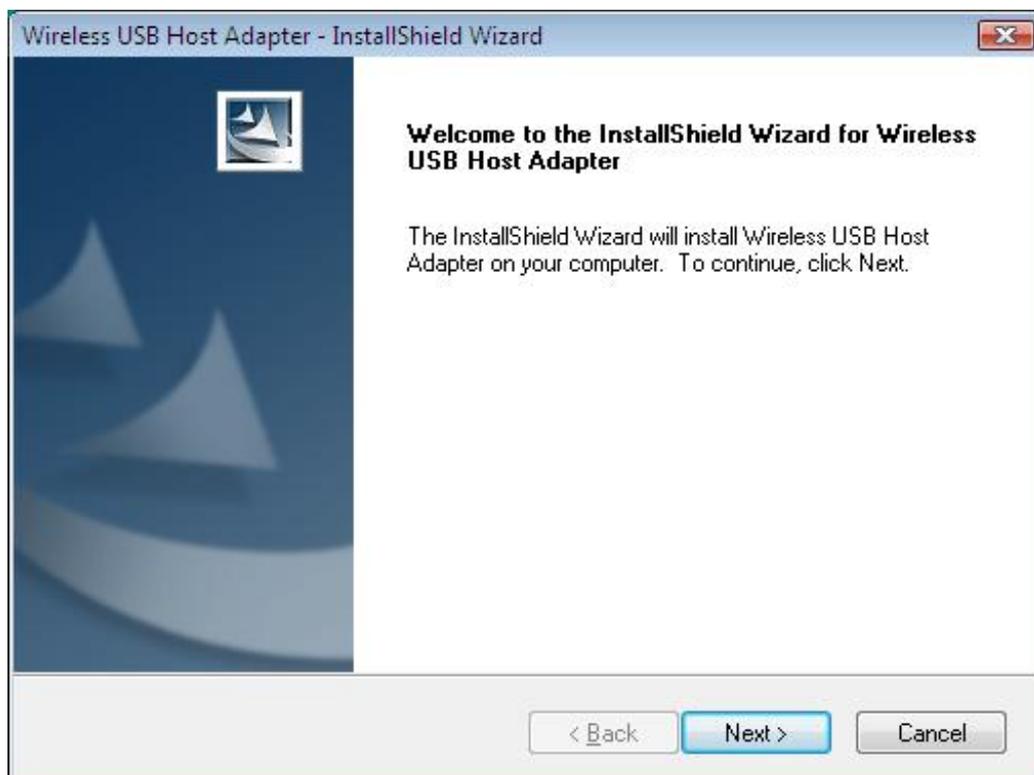

If the installer program doesn't run automatically, please locate and double-click on the **Autorun.exe** file in the CD to launch the install program.
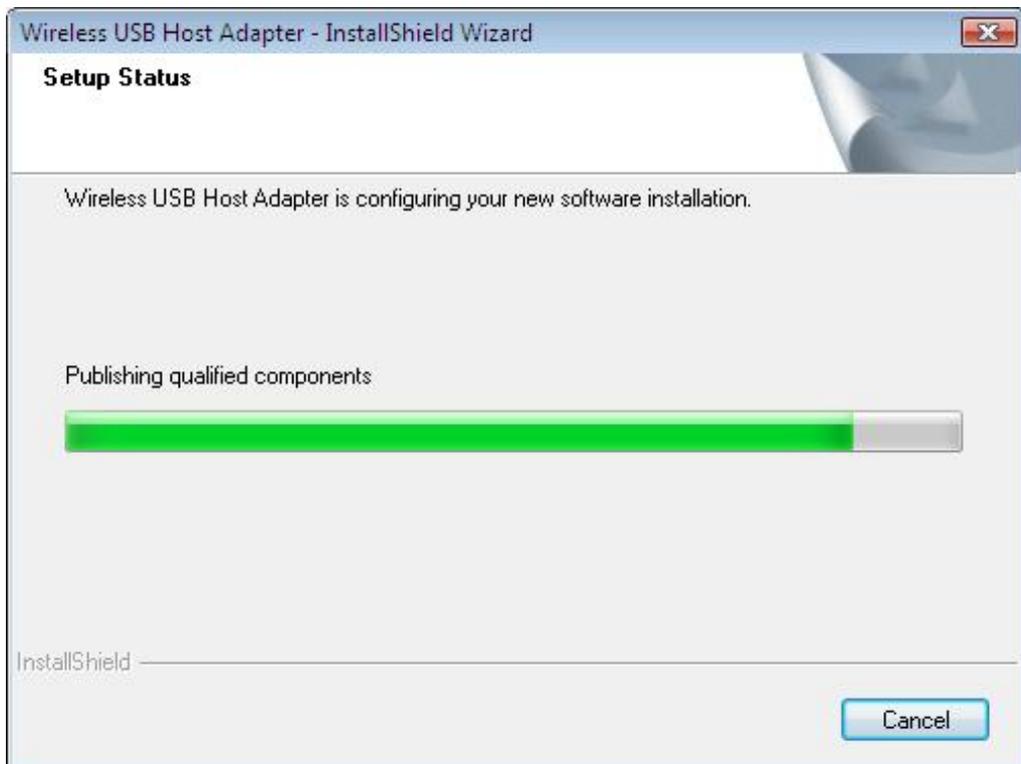
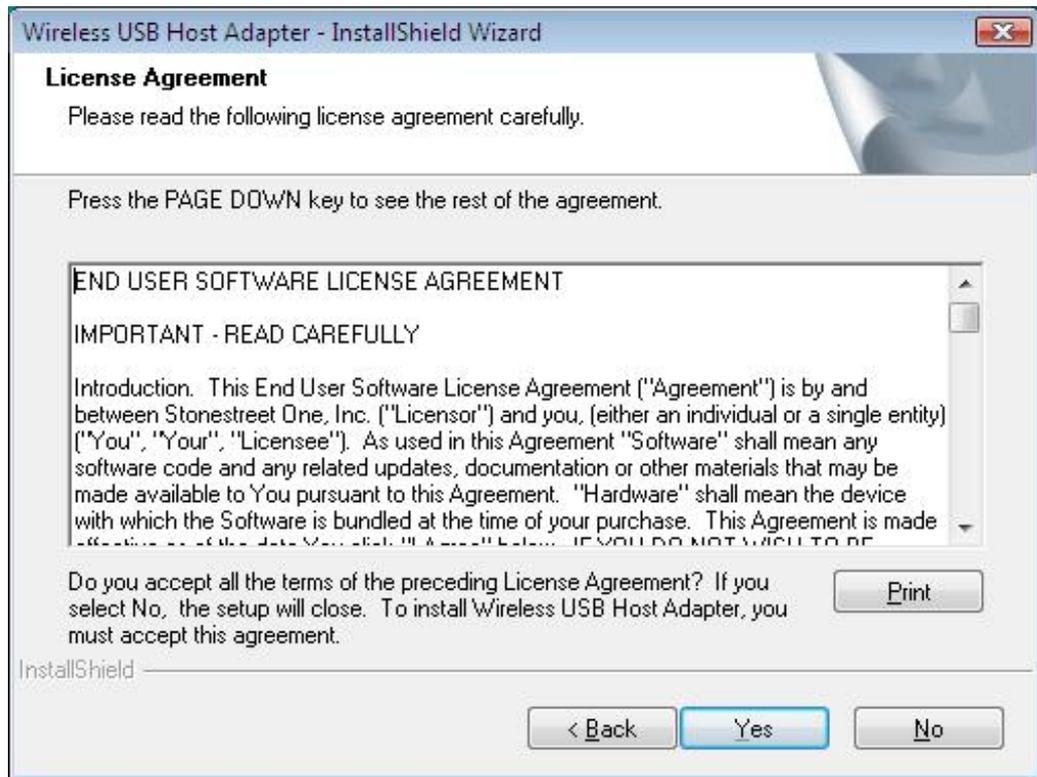2. Please wait few second to run the **Preparing to Install …**process, the actual need time will depends on your hardware environment.
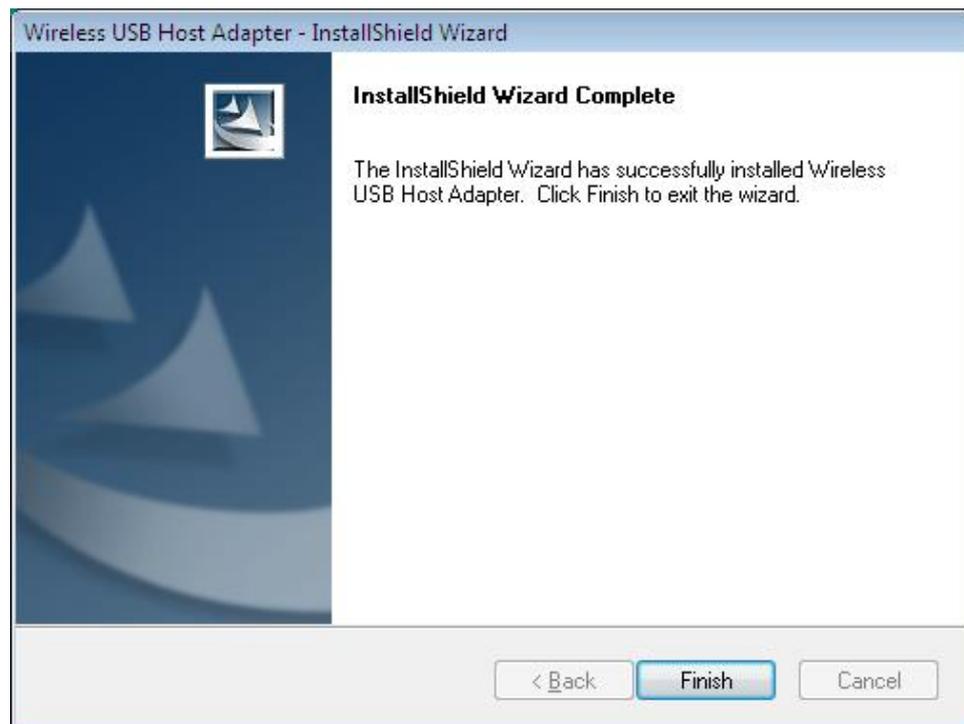

3. When you see the **Wireless USB Host Adapter – InstallShield Wizard** screen as below, just click on **Next** anyway.

4. When you see **License Agreement** as below, please click on **Yes** to start Wireless USB Host Adapter software configuring process.

5. Please click on **Finish** to complete the installation of Wireless USB Host Adapter.

Actual strings depend on your operation system. These screen shots are from Windows Vista 32-bit and might vary slightly for each operation system.

6. Now you have completed the installation of **Wireless USB Host Dongle**. And you may find the icon of **Wireless USB Manager** of below in red mark at the notification area. The Icon color in gray means the status of before makes wireless connection.

7. Please prepare **Wireless USB Device**, such as Wireless USB Hub, Wireless USB Display Adapter or Wireless USB Enclosure …etc, to make the **wireless connection** with Wireless USB Host Dongle. And then you may start to enjoy using your device wireless.

Note：You will need to associate your Wireless USB device with the host adapter, so the device can be recognized and connected. About the way of **Wireless Connection** between Wireless USB Host Adapter and Wireless USB device, please refer to the next section **of Wireless Connection.**
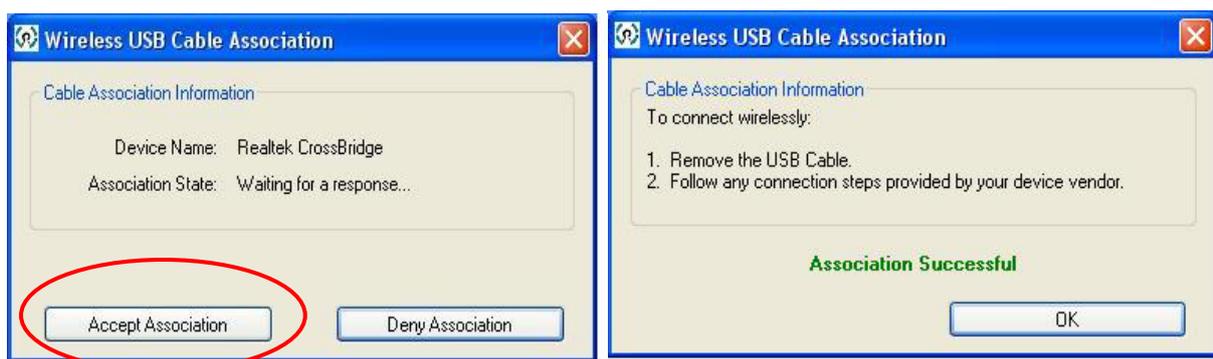
3. Wireless Connection

You will need to associate your Wireless USB device with the host adapter, so the device can be recognized and connected. There are two ways as bellows.

◆ To Make Cable Association

1. Both of **Wireless USB Host & Wireless USB Device** driver installation completed is necessary before you start to make cable association.

2. Get started by **plugging** your **Wireless USB host adapter** into an available USB or Expresscard/34 port on your computer or notebook first and you will find the Wireless USB Manager color in white.
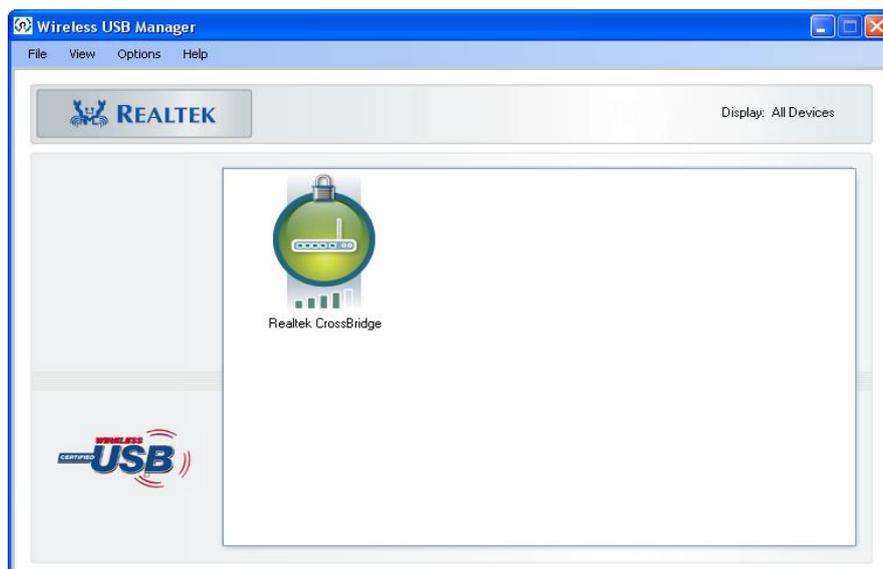

3. **Power on** your Wireless USB device after.

4. Using a **USB Type A to Mini B cable**, connect the wireless device to the computer.

5. When the **Wireless USB Cable Association** screen prompted as below, please Click on **Accept Association** and **OK** for **Association successful**.

Note: The message of **Found New Hardware** will pop up when making cable association. Please ignore the message or click **Cancel**.

6. **Remove the USB Cable** on you Wireless USB device. Please double click the **Wireless USB Manager** in notification area. The icon in **Green** represents association successful, and now you may start to enjoy using your device wirelessly.

Actual strings depend on your Wireless USB Host adapter. These screen shots above are from Wireless USB Dongle and might vary slightly for Wireless USB Expresscard.

◆ To Make Pin Association

1. Both of **Wireless USB Host & Wireless USB Device** driver installation complete is necessary before you start to make cable association.

2. Get started by **plugging** your **Wireless USB host adapter** into an available USB or Expresscard/34 port on your computer or notebook first and you will find the Wireless USB Manager color in white.

3. **Power on** your Wireless USB device.

4. Please double click the **Wireless USB Manager** in notification area; a pop up Window will appear as below. Please click Discovery Mode to make association.

5. For Pin Association – Enter the number of **1234** into the box and press "**Accept Association**" button to complete the pin association.

6. Please double click the **Wireless USB Manager** in notification area. The icon in **Green** represents association successful, and now you may start to enjoy using your device wirelessly.
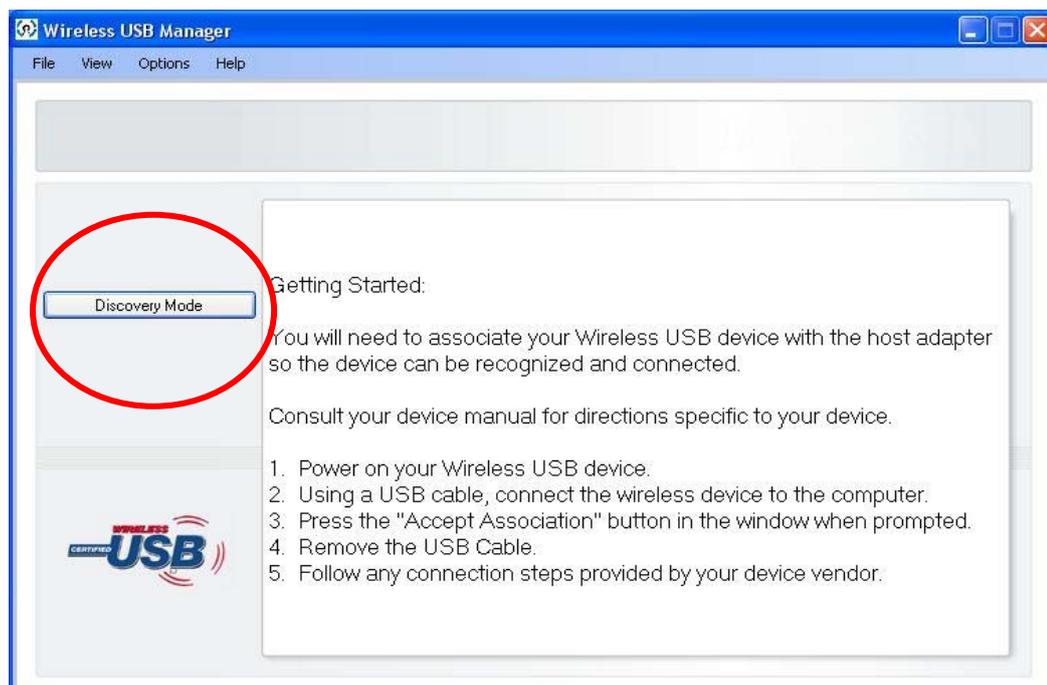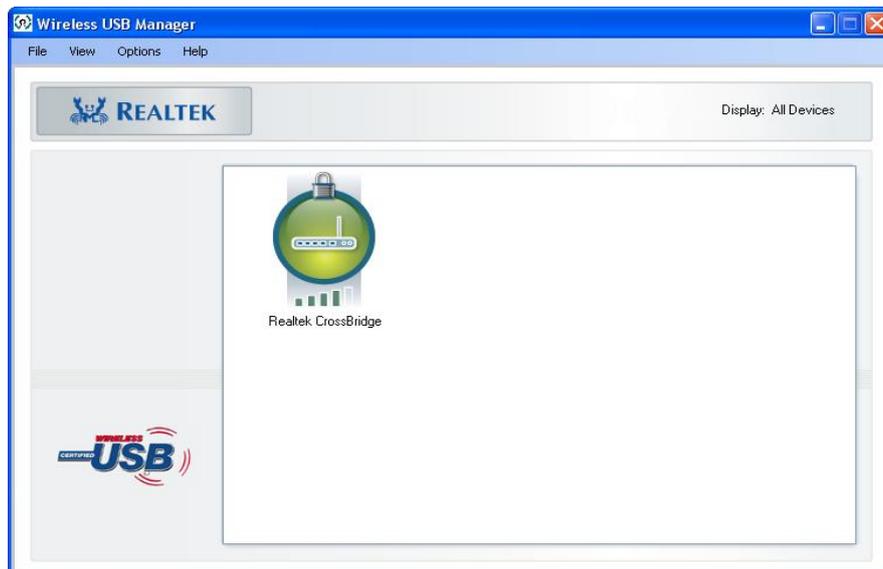

Actual strings depend on your Wireless USB Host adapter. These screen shots above are from Wireless USB Dongle and might vary slightly for Wireless USB Expresscard.
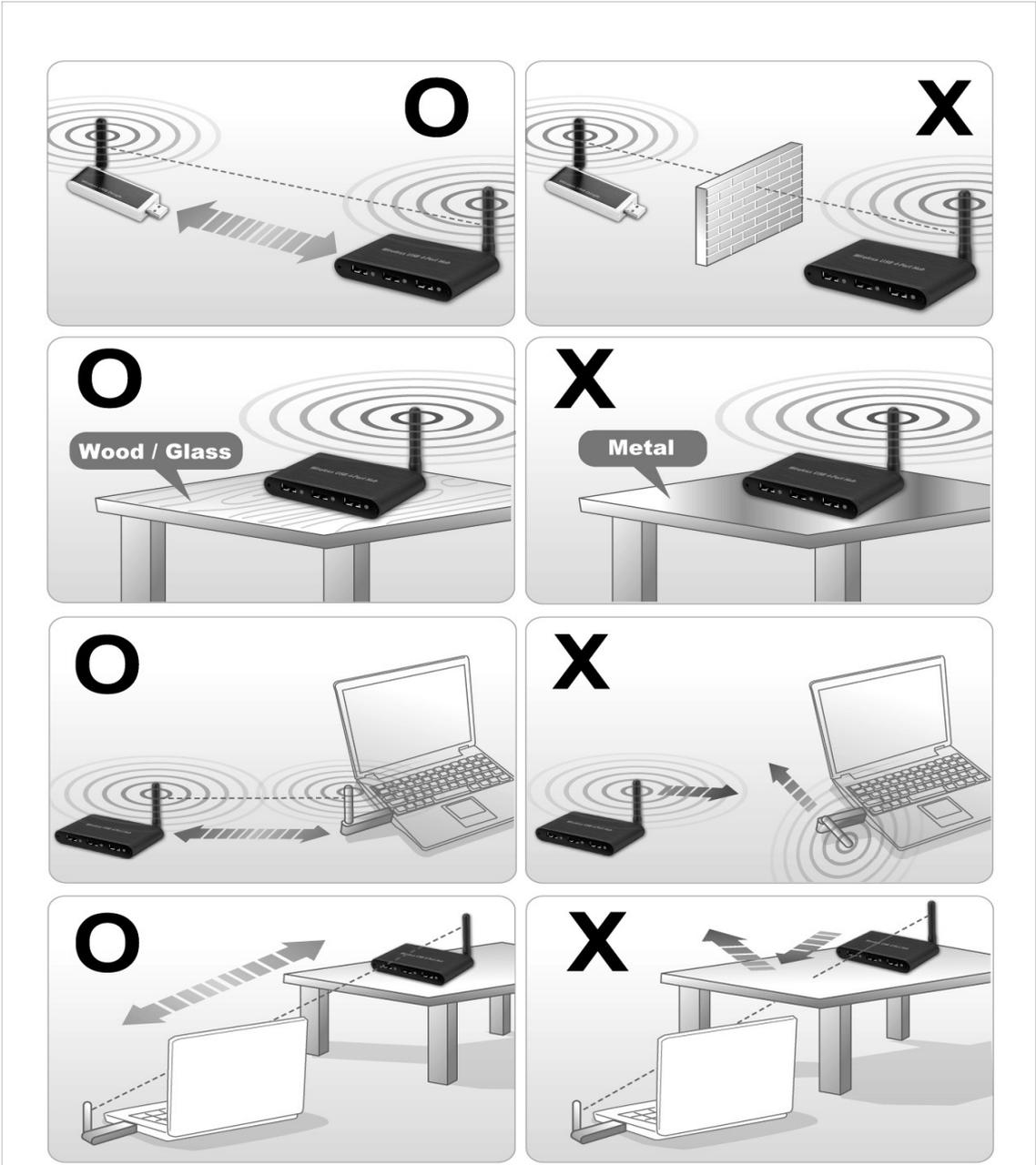
4. Specifications

Item	Description
Interface	■ Upstream link: USB 2.0 ■ Downstream：Wireless USB
Form Factor	Dongle
Antenna	Dipole Antenna
Power Mode	Bus-powered
PHY Data Rate	Support all WiMedia data rates from 53.3Mbps to 480Mbps
PHY Compliance	WiMedia 1.0 MAC & 1.1 PHY compliant & Support for 1.2 PHY
Frequency Range	3.1GHz to 4.8GHz ; UWB PHY Supports Band Groups 1
	3.1GHz to 4.8GHz; 6.336~7.920 GHz UWB PHY Supports Band Groups 1 & 3
RF modulation type	Compliant to WiMedia MultiBand OFDM PHY Technical Specification Release 1.1
Operational Range	Up to 10 meters
Operation System Support	Windows$^\circledR$ XP SP2, Vista™ 32/64-bit
Working Environment:	■ Operation temperature: 10 ~ 40 °C ■ Storage temperature: -10 ~ 60 °C
Housing	Plastic

*Specifications are subject to change without further notice

5. Troubleshooting

● The disconnection has occurred.

When disconnection caused by inappropriate usage or system distortion has occurred, please remove the device and plug in again.

Environmental factors will affect wireless signal range. Actual wireless performance depends on various factors, including wireless distance, network condition, operation system, hardware environment, and actual data throughput etc. To get the better performance, please note the host and device antenna need to be leveled horizontally and without obstacle between when using.

5. Regulatory Compliance

FCC Conditions

This equipment has been tested and found to comply with Part 15 of the FCC 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.

Important! Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment. Use an approved phone set.

CE

This equipment is in compliance with the requirements of the following regulations: EN 55 022: CLASS B

WEEE Information

For EU (European Union) member users:
According to the WEEE (Waste electrical and electronic equipment) Directive, do not dispose of this product as household waste or commercial waste. Waste electrical and electronic equipment should be appropriately collected and recycled as required by practices established for your country. For information on recycling of this product, please contact your local authorities, your household waste disposal service or the shop where you purchased the product.