C.CRANE

Versa WiFi USB Adapter II

QUICK START GUIDE

PLEASE READ ALL INSTRUCTIONS COMPLETELY BEFORE USE AND SAVE THIS GUIDE FOR FUTURE REFERENCE

Included Contents

USB Adapter
Software CD
Quick Start Guide
5 dBi Antenna

Table of Contents

Introduction

Thank you for purchasing the Versa WiFi USB Adapter II.

To help ensure many years of service please read this quick start guide carefully.

System Requirements

Compatible operating system:
> Microsoft Windows 98SE-Vista
> Mac OS 10.3-10.5

Computer USB connection:
> Version 1.1 or 2.0

If you are new to WiFi, you may need to know a little about some of its properties before getting started.

WiFi signals will not pass through everything. Basically, any material that is dense will reduce a WiFi signal dramatically. This includes aluminum foil, brick, bathroom mirrors, trees, hardwoods, and, of course, any kind of metal.

At longer distances beyond 100 feet, any obstacle that is slightly blocking (including a tree branch) will greatly deteriorate the WiFi signal by as much as 90%. For best long distance use, position the Versa WiFi USB Adapter II so there are no walls or obstacles between it and the sending antenna.

In our "real world" street test, we achieved a good WiFi signal at more than one half of a mile away from a normal wireless router. This test was done in the middle of a road with no obstructions.

Installing Software

Before connecting to a WiFi hotspot with your Versa WiFi USB Adapter II, you must FIRST install the supplied software CD on your computer. Since not all operating systems are the same, we have supplied installation directions for each type.

Windows 98 – Vista Installation

Installation

1. Insert the supplied **CD** into your computer's **disk drive**. The setup software should start automatically after a few seconds.

2. When the first title screen appears, Click "**Driver Installation**".

Windows 98 – Vista Installation

3. When the "Language" screen appears click "**Next**" or select a language other then English.

4. When the "Welcome" screen appears, click "**Next**".

5. Click "**Finish**" to complete the installation.

6. Attach the 5dBi antenna to the Versa WiFi USB Adapter II.

7. Connect Versa WiFi USB Adapter II to a USB port on the computer.

Note: If you have problems getting the performance you like, try using an alternate USB port on your computer. One USB port may be low powered and one may be high powered.
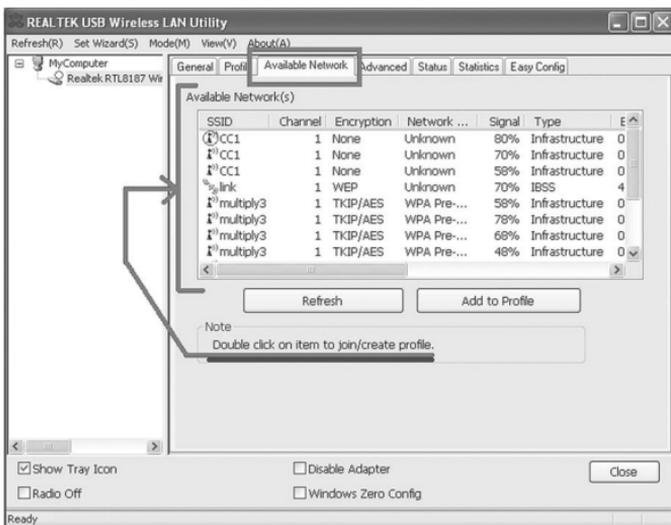
Windows 98 – Vista Installation

Connecting to a WiFi Site

1. Double left-click on the "**Signal Bars**" icon that shows in the system tray.

2. A window titled "REALTEK USB Wireless LAN Utility" will be displayed.

3. Click on the "**Available Network**" tab to view sites in your area. You may already be connected to a non-encrypted site, if one is available. If so, you will see a red circle next to the site on the list.

4. Click the "**Refresh**" button to rescan for WiFi sites within range. Connect to a site by double left-clicking on the site name (SSID).

5. If the site requires a password (Encryption Key), you will be prompted to enter one. If no password is required then just click "**OK**".
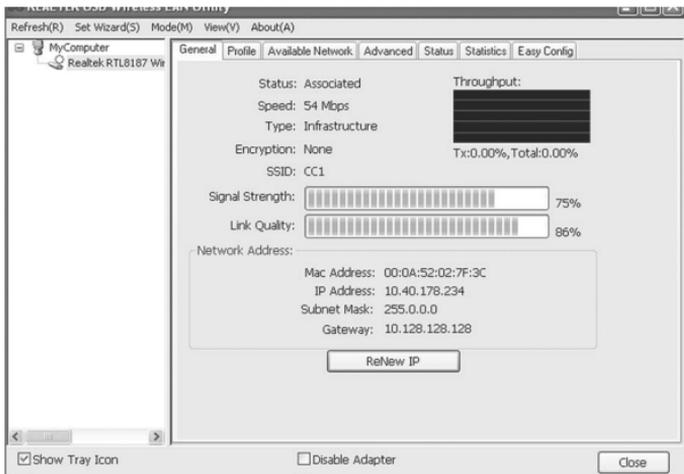
6. A profile will be automatically created. Once this profile has been created, your computer will automatically connect every time it is within range of the selected site.

7. Setup is complete! You can now access the internet by opening your default web browser.

Apple Installation

1. Insert the supplied **CD** into your computer's **disk drive**.

2. Double click on the **CD icon**.

3. Double click on the "**Mac**" folder.

4. Double click on your Mac OS version.
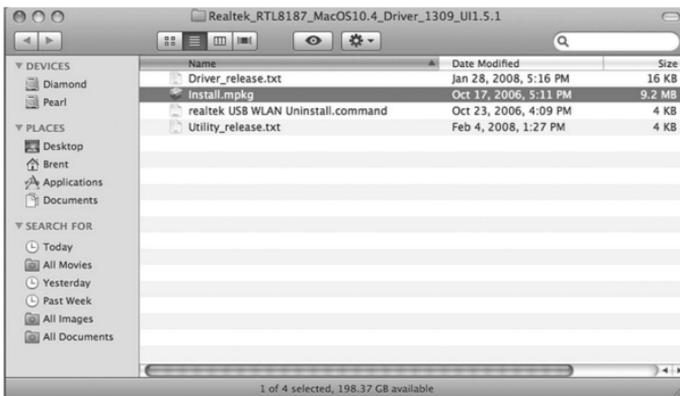
MAC OS 10.3.pkg   MAC OS 10.4.pkg   MAC OS 10.5.pkg

Apple / Mac OS 10.3 – 10.5 Installation

5. Double click on "**Install.mpkg**" to start the installation.

6. When the "Introduction" screen appears, click "**Continue**".

7. Click "**Continue**" on the "Read Me" screen.

8. Click "**Continue**" on the "License" screen.

9. Click "**Agree**" to indicate that you agree to the terms of the license agreement.
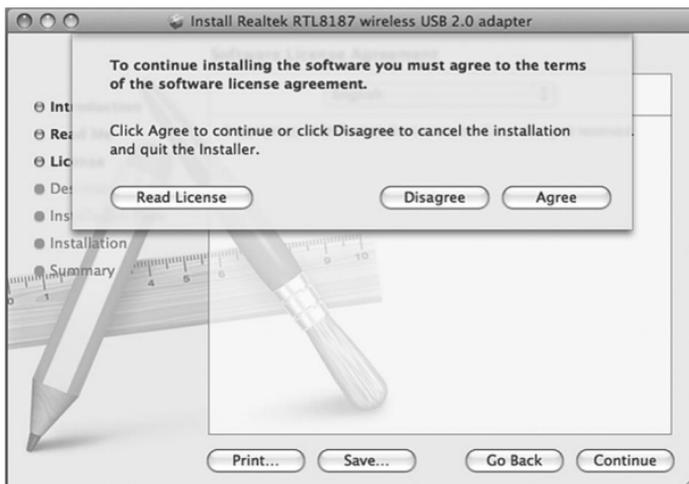
10. When installation screen appears click "**Install**" or choose another location for the installation.

Apple / Mac OS 10.3 – 10.5 Installation
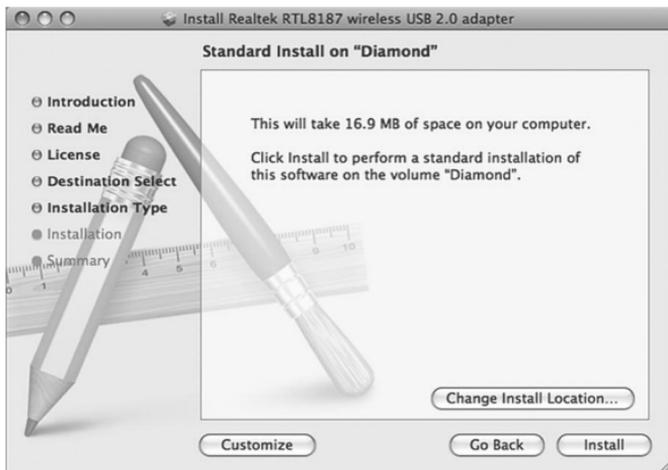
11. When prompted, enter your "**Name**" and "**Password**".

12. When prompted, click "**Continue Installation**".
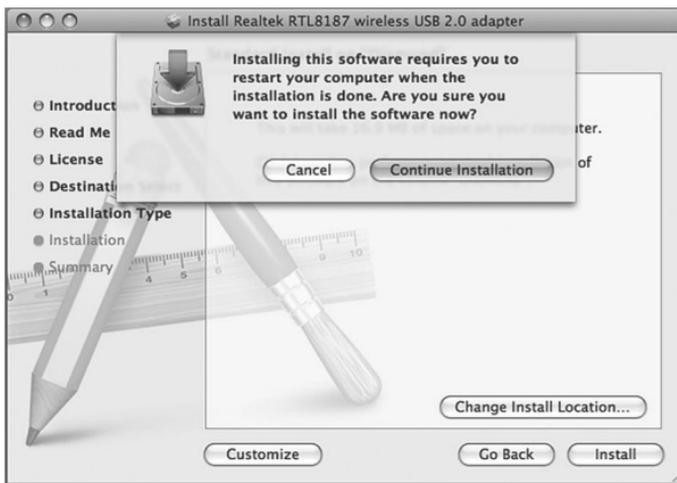
13. When the "Summary" screen appears, click
    "**Restart**".

Apple / Mac OS 10.3 – 10.5 Installation

14. After computer is fully restarted, plug in the Versa WiFi USB Adapter II into your USB port.

Note: If you have problems getting the performance you like, try using an alternate USB port on your computer. One USB port may be low powered and one may be high powered.

15. Once the adapter is plugged in, you will get a message telling you to enable the WLAN card in the "Network" item in "System Preferences". Click "**OK**".
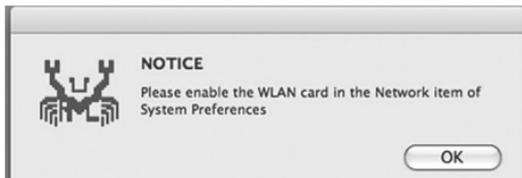
16. The WLAN Client Utility window will pop up. Ignore this window until after the setup is complete.
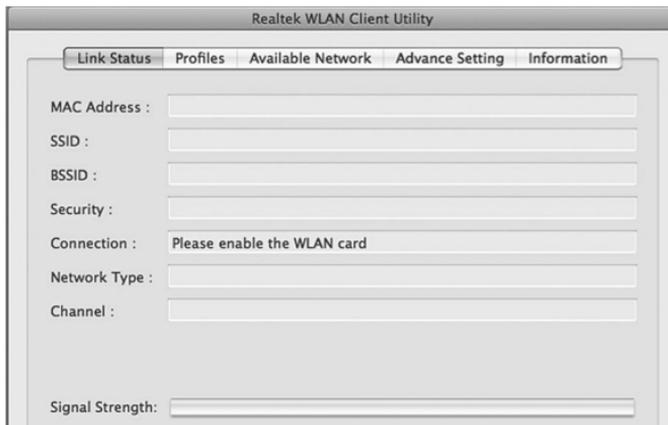
17. Go to "**System Preferences**" and then click "**Network**".

18. A message displays "New Interface Detected". Click "**OK**" and then click "**Apply**" to activate the adapter.

Apple / Mac OS 10.3 – 10.5 Installation

Connecting to a WiFi Site

1. From the dock, click the "**Crab**" icon to activate the "WLAN" utility.

2. From the "Realtek WLAN Client Utility" (the window you ignored in step #16 on page 19), click the "**Available Network**" tab.

Realtek WLAN Client Utility

Link Status	Profiles	Available Network	Advance Setting	Information

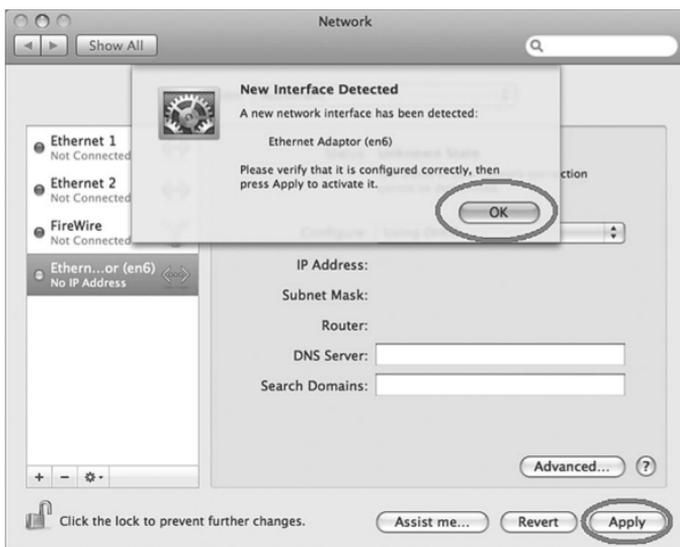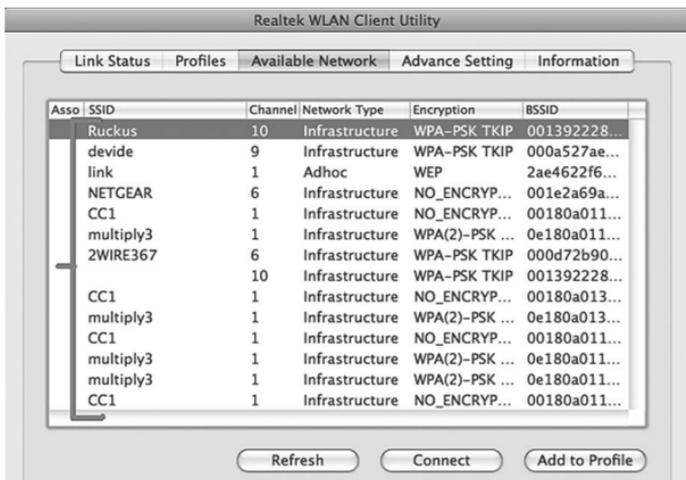| Asso	SSID	Channel	Network Type	Encryption	BSSID
	Ruckus	10	Infrastructure	WPA-PSK TKIP	001392228...
	devide	9	Infrastructure	WPA-PSK TKIP	000a527ae...
	link	1	Adhoc	WEP	2ae4622f6...
	NETGEAR	6	Infrastructure	NO_ENCRYP...	001e2a69a...
	CC1	1	Infrastructure	NO_ENCRYP...	00180a011...
	multiply3	1	Infrastructure	WPA(2)-PSK ...	0e180a011...
	2WIRE367	6	Infrastructure	WPA-PSK TKIP	000d72b90...
		10	Infrastructure	WPA-PSK TKIP	001392228...
	CC1	1	Infrastructure	NO_ENCRYP...	00180a013...
	multiply3	1	Infrastructure	WPA(2)-PSK ...	0e180a013...
	CC1	1	Infrastructure	NO_ENCRYP...	00180a011...
	multiply3	1	Infrastructure	WPA(2)-PSK ...	0e180a011...
	multiply3	1	Infrastructure	WPA(2)-PSK ...	0e180a011...
	CC1	1	Infrastructure	NO_ENCRYP...	00180a011...

Refresh　　　Connect　　　Add to Profile

3. Double-click your desired WiFi site.

4. If the WiFi site requires a network key (password) before connecting, **enter and confirm the key**. When finished, click "**OK**".

Apple / Mac OS 10.3 – 10.5 Installation

5. Check to see if you are connected by clicking on the "Link Status" tab.

Realtek WLAN Client Utility	
Link Status	Profiles Available Network Advance Setting Information

MAC Address : 000a52027f3c

SSID : Ruckus

BSSID : 001392228490

Security : WPA–PSK TKIP

Connection : Connected

Network Type : Infrastructure

Channel : 10

Signal Strength:

(Turn Radio Off)
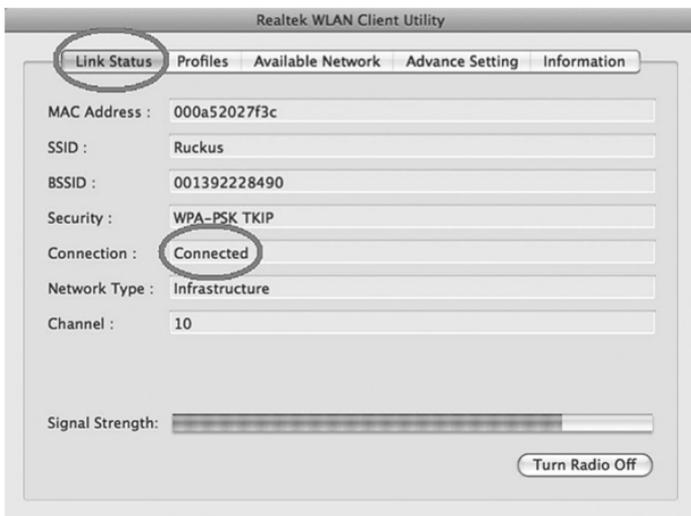
6. If "Link Status" shows that you are "Connected" with good signal strength, then you will be able to access the internet using your default web browser.

For more details you can browse the full user manual on the supplied CD.

FC 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 FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

Operation is subject to the following two conditions:

1. This device may not cause harmful interface, and

2. This device must accept any interface received, including interface that may cause undesired operation. 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 or more of the following measures:

    a. Reorient or relocate the receiving antenna.

    b. Increase the separation between the equipment and receiver.

    c. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

    d. Consult the dealer or an experienced radio technician for help.

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

CAUTION:

1. **To comply with FCC RF exposure compliance requirements, a separation distance of about 8 inches must be maintained between the antenna of this device and all persons.**

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

One Year Limited Warranty

C. Crane Company Inc. warrants this product to be free from defects in material and workmanship under normal use and conditions for a period of one year from the date of original purchase on parts and labor.

Should service be necessary for any reason due to a manufacturing defect or malfunction during the warranty period, C. Crane Company Inc., at its sole discretion, will repair or replace the defective merchandise at no charge, upon receipt of this item at its service center with a copy of proof of date of purchase. The consumer purchaser is responsible for shipping the unit to C. Crane Company Inc.'s service center.

In order to obtain performance of any obligation under this warranty or any implied warranty, the consumer purchaser must:

1) Carefully pack the unit in the original packing cartons or a suitable, well-padded corrugated box.
2) Call 1-800-522-8863 for a Return Authorization (RA) number, and mark the RA number on the outside of the packing carton. Also enclose a copy of proof of date of purchase and a note describing your specific problem.
3) Ship the unit **insured for full retail value** via Parcel Post or a common carrier of your choice.

NOTE: This warranty does not cover:
   A) Adapters that have been misused, neglected or damaged by accident.
   B) Adapters that have been opened, repaired or altered by persons other than C. Crane Company Inc.

This warranty is valid only in the United States of America and Canada and extends only to the original consumer purchaser. Any applicable implied warranties, including the warranty of merchantability, are limited in duration

Warranty Information

to a period of one year from the date of the original purchase at retail and no warranties, whether expressed or implied, shall apply to this product thereafter. Under no circumstances shall C. Crane Company Inc. be liable for any loss or damage, direct or consequential arising out of the use of, or inability to use this product, (some states do not allow limitations on implied warranties or exclusion of consequential damage, therefore, these restrictions may not apply to you).

This warranty gives you specific legal rights and you may also have other rights that may vary from state to state.