

UA-213WNU 150Mbps Wireless USB Adapter



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Welcome

Thank you for purchasing the IEEE 802.11n Wireless USB Adapter. Wireless USB Adapter has an extra foundation which is designed to make Wireless USB Adapter get better signal when it is plugging into the foundation and can be easily move around. In addition, Wireless USB Adapter is backward compatible with 802.11b/g. When Wireless USB Adapter is connecting to the standard 802.11b, 802.11g or 802.11n APs or routers, it can perform much better than other standard stations.

Wireless USB Adapter supports higher data throughput than the IEEE802.11n standard (up to 150Mbps).

For the security of WLAN, Wireless USB Adapter supports 64/128-bit WEP data encryption which protects your wireless network from eavesdropping.

It also supports WPA/WPA2 which combines IEEE802.1x and TKIP technologies. Client users are required to authorize before accessing to APs or routers, and the data transmitted on the network is encrypted and decrypted by a dynamically changed secret key. Wireless USB Adapter supports WPA2 function which provides a stronger encryption through AES which is the most advanced WLAN solution for IEEE802.11i. Besides, Wireless USB Adapter supports WPS function which provides a stronger encryption and easier configuration through WPA2 which is the most advanced WLAN solution for IEEE802.11i.

Package Contents

The Wireless USB Adapter package includes the following.

- 1. Wireless USB Adapter
- 2. ANETENNA
- 3. Quick Installation Guide
- 4. AUTORUN CD



Wireless USB Adapter Overview

Wireless USB Adapter has the USB interface, LED and WPS button below.



Interface

USB Interface: Connect the USB Interface to a USB port on your computer.

LED Description

LED: The LED stays lighted to indicate WLAN link established and active.

WPS Button

WPS Button: Press this button to do WPS with AP.

Wireless USB Adapter Installation

The following instructions will guide you to through the process of installing the Wireless USB Adapter.

Windows 7

Step 1:

Once USB dongle connected to computer and the following will appear on screen.



Step 2:

Please insert the AUTORUN CD into your CD-ROM drive.

The CD should auto-start, displaying the following window. If it does not start, click on **Start – Run** and type in **CD**: **\autorun.exe** (where CD is the drive letter of your CD-ROM drive.) Click **" Driver Installation "**.



Step 3:

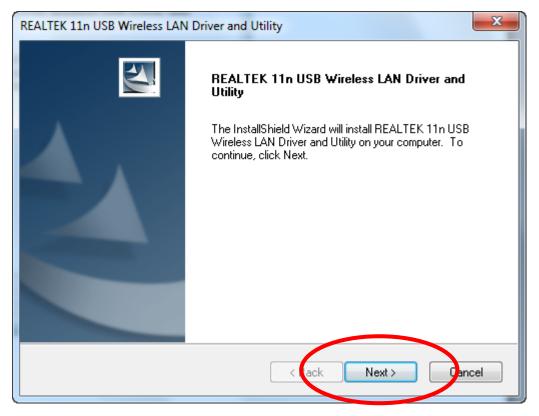
For Security reasons Windows 7 requires the installer program to have administrator privileges so the new policy called "**User Account Control**" has been introduced in Windows 7. If UAC is enabled Windows pops up a window "**User Account Control**" Windows need your permission to continue. User needs to Click "**Yes**" to proceed with the installation.



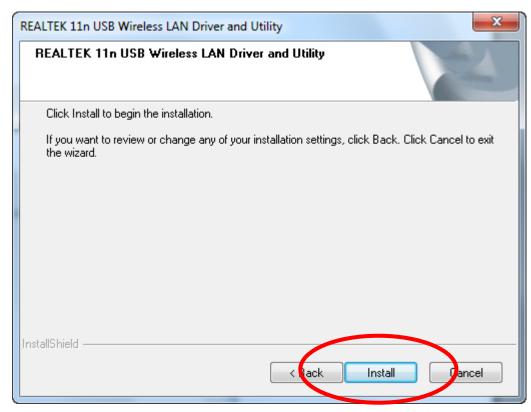
Step 4: Click " Next ".

| REALTEK 11n USB Wireless LAN Software - InstallShield Wizard | |
|--|--------|
| Choose Setup Language Select the language for the installation from the choices below. | X |
| Basque Bulgarian Catalan Chinese (Simplified) Chinese (Traditional) Croatian Czech Danish Dutch English Finnish French (Canadian) French (Standard) German Greek | E |
| InstallShield | Gancel |

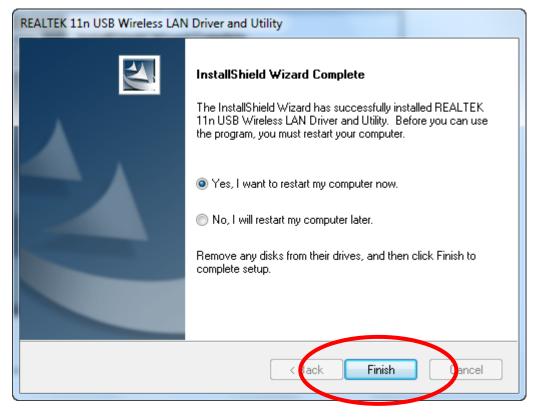
Step 5: Click " Next ".



Step 6: Click "Install ".



Step 7: Click " Finish ".





Windows Vista

Step 1:

As Windows starts it will detect that new hardware has been added, and start the **"Found New Hardware Wizard "**. Click on **"Cancel "**.



Step 2:

Please insert the AUTORUN CD into your CD-ROM drive.

The CD should auto-start, displaying the following window. If it does not start, click on **Start – Run** and type in **CD**: **\autorun.exe** (where CD is the drive letter of your CD-ROM drive.) Click **" Driver Installation "**.



Step 3:

For Security reasons VISTA requires the installer program to have administrator privileges so the new policy called " **User Account Control** " has been introduced in Windows VISTA. If UAC is enabled Windows pops up a window " **User Account Control** " Windows need your permission to continue. User needs to Click " **Allow** " to proceed with the installation.

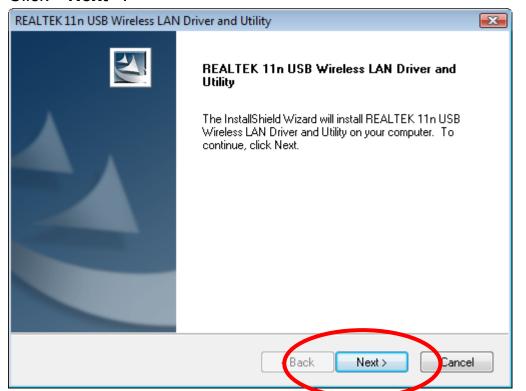
Step 4:

Click "Next".

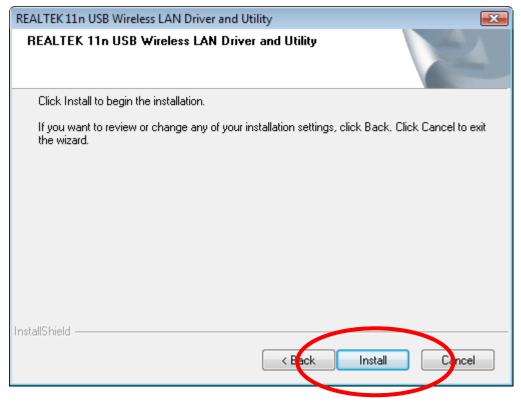
| REALTEK 11n USB Wireless LAN Software - InstallShield Wizard | |
|--|-------------------------|
| Choose Setup Language | And and a second second |
| Select the language for the installation from the choices below. | |
| Basque Bulgarian Catalan Chinese (Simplified) Chinese (Traditional) Croatian Czech Danish Dutch English | E |
| Finnish French (Canadian) French (Standard) German Greek | Ŧ |
| InstallShield | Jancel |



Click " Next ".



Step 6: Click " Install ".



Step 7: Click " Finish ".

| REALTEK 11n USB Wireless LAN Driver and Utility | | |
|---|--|--|
| | InstallShield Wizard Complete The InstallShield Wizard has successfully installed REALTEK 11n USB Wireless LAN Driver and Utility. Before you can use the program, you must restart your computer. Yes, I want to restart my computer now. No, I will restart my computer later. Remove any disks from their drives, and then click Finish to complete setup. | |
| | < Elack Finish Cincel | |



Windows XP

Step 1:

As Windows starts it will detect that new hardware has been added, and start the **"Found New Hardware Wizard "**. Click on **"Cancel "**.

| Found New Hardware Wizard | | |
|---------------------------|---|--|
| | Welcome to the Found New Hardware Wizard Windows will search for current and updated software by | |
| | looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission). Read our privacy policy | |
| | Can Windows connect to Windows Update to search for software? | |
| | Yes, this time only Yes, now and every time I connect a device No, not this time | |
| | Click Next to continue. | |
| | < Back Nex Cancel | |

Step 2:

Please insert the AUTORUN CD into your CD-ROM drive.

The CD should auto-start, displaying the following window. If it does not start, click on **Start – Run** and type in **CD**: **\autorun.exe** (where CD is the drive letter of your CD-ROM drive.) Click **" Driver Installation "**.

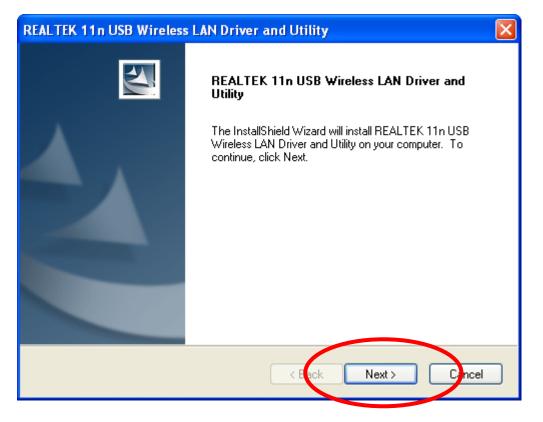




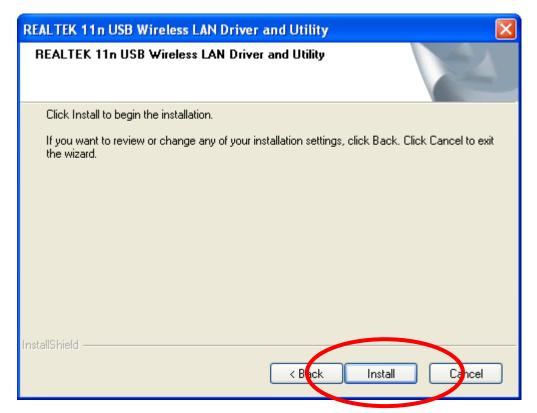
Click " Next ".

| REALTEK 11n USB Wireless LAN Software - InstallShield Wizard | X |
|--|---|
| Choose Setup Language Select the language for the installation from the choices below. | |
| Basque Bulgarian Catalan Chinese (Simplified) Chinese (Traditional) Croatian Czech Danish Dutch English Finnish French (Canadian) French (Standard) German Greek | |

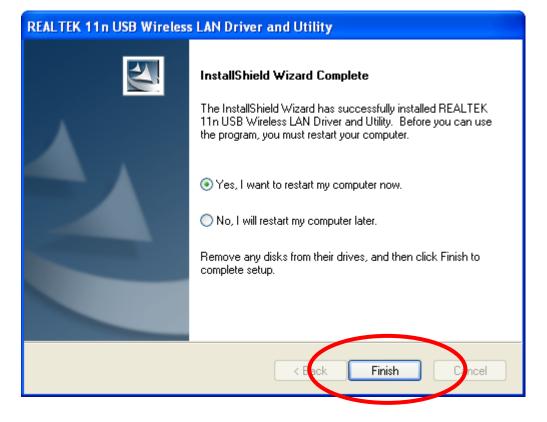
Step 4: Click " Next ".



Step 5: Click " Install ".



Step 6: Click " Finish ".





Windows 2000

Step 1:

As Windows starts it will detect that new hardware has been added, and start the **"Found New Hardware Wizard "**. Click on **"Cancel "**.

| Found New Hardware Wizard | | |
|---------------------------|--|--|
| | Welcome to the Found New Hardware Wizard This wizard helps you install a device driver for a hardware device. | |
| | < <u>B</u> ack <u>N</u> ex > Cancel | |

Step 2:

Please insert the AUTORUN CD into your CD-ROM drive.

The CD should auto-start, displaying the following window. If it does not start, click on **Start – Run** and type in **CD: \autorun.exe** (where CD is the drive letter of your CD-ROM drive.) Click **" Driver Installation "**.

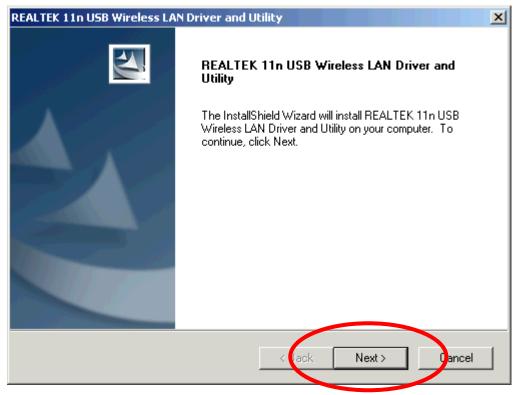




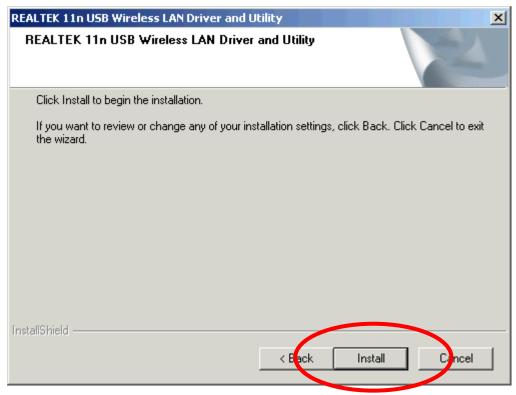
Click " Next ".

| REALTEK 11n USB Wireless LAN Software - InstallShield Wizard | |
|--|--------|
| Choose Setup Language Select the language for the installation from the choices below. | |
| Basque Bulgarian Catalan Chinese (Simplified) Chinese (Traditional) Croatian Czech Danish Dutch English Finnish French (Canadian) French (Standard) German Greek | |
| InstallShield < Eack | Cancel |

Step 4: Click " Next ".



Step 5: Click " Install ".



Step 6: Click " Finish ".

| REALTEK 11n USB Wireless LAN Driver and Utility | | |
|---|---|--|
| | InstallShield Wizard Complete The InstallShield Wizard has successfully installed REALTEK 11n USB Wireless LAN Driver and Utility. Before you can use the program, you must restart your computer. | |
| | Yes, I want to restart my computer now. | |
| | O No, I will restart my computer later. | |
| | Remove any disks from their drives, and then click Finish to complete setup. | |
| | | |
| | Kuack Finish Dancel | |



Making a Basic Wireless Network Connection

For Windows XP/Vista/7 users, your native Windows XP/Vista/7 wireless support (Wireless Zero Configuration Service) has been disabled by default.

Infrastructure mode

An Infrastructure Mode network contains at least one wireless client and one wireless AP or router. This client connects to Internet or intranet by communicating with this wireless AP or router.

Step 1:



Double click the icon on your desktop to start the utility or 💷 in the task

bar.

| 🖧 REALTEK 11n USB Wi | ireless LAN Utility | |
|----------------------------|---|-------|
| Refresh(R) Mode(M) View(| (V) About(A) | |
| MyComputer Realtek RTL8186 | General Profile Available Network Status Statistics Wi-Fi Protect Setup | |
| | Status: Not Associated | |
| | Speed: N/A | |
| | Type: Infrastructure | |
| | Encryption: N/A | |
| | SSID: | |
| | Signal Strength: | |
| | Link Quality: | |
| | Network Address: | |
| | MAC Address: 00:E0:4C:71:00:12 | |
| | IP Address: 0.0.0.0 Subnet Mask: 0.0.0.0 | |
| | Gateway: | |
| | ReNew IP | _ |
| | | |
| ✓ Show Tray Icon Radio Off | Disable Adapter | Close |
| Ready | | NUM |

Step 2: Click the **"Available Network "** button to scan available access points.

| REALTEK 11n USB V | /ireless LAN Utility | | |
|------------------------------|---|--------|----|
| Refresh(R) Mode(M) Vie | v(V) About(A) | | |
| 🖃 😼 MyComputer | General Profile Available Network Status Statistics Wi-Fi Protect Setup | | |
| Realtek RTL818 | Available Network(s) | | |
| | SSID Channel Encryption Network Authentication | Signal | ٦ |
| | INDWAY 1 None Unknown | 56% | Ir |
| | 1 None Unknown | 80% | Ir |
| | ¹ ³ RTL867x-ADSL 1 None Unknown | 48% | Ir |
| | ¹ PRISM_WIRELESS 2 None Unknown | 50% | Ir |
| | 🔹 🖓 Baudtec_12F 6 WEP Unknown | 84% | Ir |
| | 🚺 🎝 ITCL-DLG700AP 6 WEP Unknown | 56% | Ir |
| | 1 TN263R4_11F 8 TKIP/AES WPA Pre-Shared Key | 46% | Ir |
| | 🚺 🎝 RTL867x-stanley 9 None Unknown | 82% | Ir |
| | 👔 🖓 ssidcdef 10 TKIP WPA Pre-Shared Key | 80% | Ir |
| | In_AP_Router 11 None Unknown | 92% | Ir |
| | | | > |
| | Refresh Add to Profile | | |
| | Note Double click on item to join/create profile. | | |
| < | | | |
| ✓ Show Tray Icon ■ Radio Off | Disable Adapter | Close | 9 |
| Ready | | NUM | |

Step 3:

Double click on the SSID of AP that you are going to connect to and create profile that you are connecting to an open (Encryption is None) wireless network for example the SSID is 11n_AP_Router.

| 🙈 REALTEK 11n USB W | ireless LAN Utility | | |
|-------------------------|--|------------|----|
| Refresh(R) Mode(M) View | (V) About(A) | | |
| 🖃 🦞 MyComputer | General Profile Available Network Status Statistics Wi-Fi Protect Setup | | |
| Realtek RTL818 | Available Network(s) | | |
| | SSID Channel Encryption Network Authentication | Signal | - |
| | 1 ³ MIDWAY 1 None Unknown | - | Ir |
| | ¹ None Unknown | 80% | |
| | RTL867x-ADSL 1 None Unknown | | Ir |
| | 1 ⁹⁾ PRISM_WIRELESS 2 None Unknown | 50% | Ir |
| | 1 ⁹⁾ Baudtec_12F 6 WEP Unknown | 82% | Ir |
| | 🖓 ITCL-DLG700AP 6 WEP Unknown | 58% | Ir |
| | 1 ⁰ TN263R4_11F 8 TKIP/AES WPA Pre-Shared Key | | Ir |
| | 1 ³⁷ RTL867x-stanley 9 None Unknown | | Ir |
| | Image: | 80% 92% | Ir |
| | 11 None Unknown | 92.70 | |
| | | | |
| | | | |
| | | | > |
| | | _ | |
| | Refresh Add to Profile | | |
| | | | |
| | Note | | |
| | Double click on item to join/create profile. | | |
| < | | | |
| Show Tray Icon | Disable Adapter | Close | |
| Radio Off | | | |
| | | DI INA | |
| Ready | | NUM | |



| Unsecur | ed network |
|---------|---|
| (į) | You are connecting to the unsecured network " 11n_AP_Router ". Information sent over this network is not encrypted and might be visible to other people. |
| | OK Cancel |

Step 5: Click the "OK ".

| Wireless Network Properties: | |
|--|---------------------------|
| Profile Name: 11n_AP_Router | 802.1x configure |
| Network Name(SSID): 11n_AP_Router | EAP TYPE : |
| | GTC |
| | Tunnel : Privision Mode : |
| This is a computer-to-computer(ad hoc) network; wireless access points are not used. | × × |
| Channel: 11 (2462MHz) 🗸 | Use saved user credential |
| | Username : |
| Wireless network security | |
| This network requires a key for the following: | Identity : |
| Network Authentication: Open System 👻 | |
| Data encryption: Disabled 🔍 | Domain : |
| | Password : |
| | |
| Key index (advanced): 1 🔍 | Certificate : |
| Network key: | |
| | PAC : Auto Select PAC |
| Confirm network key: | |
| | |
| | |
| OK Cancel | |
| | |

Step 6:

Now you are ready to use the Wireless Network to Internet or intranet.

| 🐥 REALTEK 11n USB W | ireless LAN Utility | |
|-------------------------|---|-------|
| Refresh(R) Mode(M) View | (V) About(A) | |
| 🖃 🪽 MyComputer | General Profile Available Network Status Statistics Wi-Fi Protect Setup | |
| Realtek RTL818 | | |
| | Status: Associated | |
| | Speed: Tx:150 Mbps Rx:150 Mbps | |
| | Type: Infrastructure | |
| | Encryption: None | |
| | SSID: 11n_AP_Router | |
| | Circuit Observables | |
| | 94% | |
| | Link Quality: | |
| | | |
| | Network Address: | |
| | MAC Address: 00:E0:4C:71:00:12 | |
| | IP Address: 10.0.0.102 | |
| | Subnet Mask: 255.255.2 | |
| | Gateway: 10.0.0.2 | |
| | ReNew IP | |
| | Kenew IP | |
| < > | | |
| 🗹 Show Tray Icon | Disable Adapter | Close |
| 🔲 Radio Off | | |
| Ready | | NUM |

Note: This example is an open wireless network. If you are going to connect to a Wireless adapter with security protection, you will have to configure the encryption settings in this profile to be corresponding to the other wireless adapter. Please click on the **"Network Authentication "** drop-down list to select an authentication method, and then select a **"Data encryption "** type. Fill in each required blanks and click **"OK "**.

| Wireless Network Propert | ies: | | |
|---|--|--------------------------------------|----------|
| Profile Name: 13 | 1n_AP_Router | - 802.1x configure | |
| Network Name(SSID): 1 | 1n_AP_Router | EAP TYPE : | |
| | | GTC | × |
| access points are not u | omputer(ad hoc) network; wireless sed. 1 (2462MHz) 💌 | Use saved user credential | n Mode : |
| Wireless network security This network requires a l Networi | | Username : Identity : | |
| | Data encryption: Shared Key WPA-PSK | Domain : Password : | |
| Key index (advanced): Network key: | 1 WPA CCKM WPA2 CCKM | Certificate : PAC : Auto Select PAC | |
| Confirm network key: | | | |
| OK | Cancel | | |



Introduction to the Wireless LAN Utility

Note: This management instruction uses Windows XP/Vista/7 as the presumed operation system.

Starting the Wireless LAN Utility

| 🔽 Show Tray Icon | 📃 Disable Adapter |
|------------------|-----------------------|
| 🔲 Radio Off | 🔲 Windows Zero Config |

| Checkboxes | Functions | |
|-----------------|--|--|
| Show Tray Icon | To disable or enable to show the utility icon on your system tray, which is in | |
| | the notification area at the lower-right corner of the windows desktop. | |
| Radio Off | To disable or enable to prevent this adapter form transmitting or receiving | |
| | signals. | |
| Disable Adapter | To disable or enable the wireless adapter. | |
| Windows Zero | To disable or enable to use the native Windows XP/Vista/7 wireless support | |
| Config | (Wireless Zero Configuration Service). | |

General

After starting the utility, the general page pops up This **General** tab provides the information of your current wireless network connection. You may click the **Renew IP** button to refresh those listed information.

| 🙈 REALTEK 11n USB W | ireless LAN Utility | |
|------------------------------|---|-------|
| Refresh(R) Mode(M) View | (V) About(A) | |
| MyComputer Realtek RTL8188 | General Profile Available Network Status Statistics Wi-Fi Protect Setup | |
| | Status: Associated | |
| | Speed: Tx:150 Mbps Rx:150 Mbps | |
| | Type: Infrastructure | |
| | Encryption: None | |
| | SSID: 11n_AP_Router | |
| | Signal Strength: 94% | |
| | Link Quality: | |
| | Network Address: | |
| | MAC Address: 00:E0:4C:71:00:12 | |
| | IP Address: 10.0.0.102 | |
| | Subnet Mask: 255.255.255.0 Gateway: 10.0.0.2 | |
| | Gateway; 10.0.0.2 | |
| | ReNew IP | |
| | | |
| ✓ Show Tray Icon ■ Radio Off | Disable Adapter | Close |
| Ready | | NUM |

| | Functions | |
|--|--|--|
| Status | Check if the device associated to target network. | |
| Speed | The current connection speed | |
| Туре | Infrastructure or Ad-Hoc mode. | |
| Encryption | The encryption mode for connecting to current network profile. | |
| SSID | SID The SSID (network name) of the connected wireless network. | |
| Signal Strength Indicates the signal strength. | | |
| Link Quality | Indicates the link quality. | |
| Network Address | Network Address Shows the current IP addresses settings. | |



Profile

The **Profile** tab lists the preferred connections. You can click the buttons beside to do configure each connection.

| 🖧 REALTEK 11n USB W | ireless LAN Utility | |
|-------------------------|---|-------------|
| Refresh(R) Mode(M) View | (V) About(A) | |
| 🖃 😼 MyComputer | General Profile Available Network Status Statistics Wi-Fi Protect S | etup |
| Realtek RTL818 | Available Profile(s) | |
| | Profile Name SSID | Add |
| | 11n_AP_Router 11n_AP_Router | |
| | | Remove |
| | | |
| | | Edit |
| | | Duplicate |
| | | |
| | | Set Default |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| < | J | |
| Show Tray Icon | Disable Adapter | Close |
| Radio Off | | |
| Ready | | NUM |

| | Functions | |
|-------------|--|--|
| Add | To add a connection profile. | |
| Remove | To remove a connection profile. | |
| Edit | To modify the configurations for a profile. | |
| Duplicate | To make a copy of a profile. | |
| Set Default | To select a profile as your default wireless connection. | |

Available Network

| 🙈 REALTEK 11n USB W | ireless LAN Utility | | |
|------------------------------|---|------------|----------|
| Refresh(R) Mode(M) View | (V) About(A) | | |
| 🖃 🚽 MyComputer | General Profile Available Network Status Statistics Wi-Fi Protect Setup | | |
| Realtek RTL8188 | Available Network(s) | | |
| | SSID Channel Encryption Network Authentication | Signal | 1 |
| | I None Unknown | 56% | Ir |
| | 🖍 NetMASTER 1 None Unknown | 80% | Ir |
| | 🔊 RTL867x-ADSL 1 None Unknown | 48% | Ir |
| | RISM_WIRELESS 2 None Unknown | 50% | Ir |
| | Paudtec_12F 6 WEP Unknown | 84% | Ir |
| | 1 ¹⁰ ITCL-DLG700AP 6 WEP Unknown | 56% | Ir |
| | 1 ⁹⁾ TN263R4_11F 8 TKIP/AES WPA Pre-Shared Key | 46% | Ir |
| | ¹ RTL867x-stanley 9 None Unknown | 82% | Ir |
| | ³ sidcdef 10 TKIP WPA Pre-Shared Key ³ 11n_AP_Router 11 None Unknown | 80% 92% | Ir Tr |
| | | | |
| | | | > |
| | Refresh Add to Profile |] | |
| | Note Double click on item to join/create profile. | | |
| | | | |
| ✓ Show Tray Icon ■ Radio Off | Disable Adapter | Close | • |
| Ready | | NUM | |

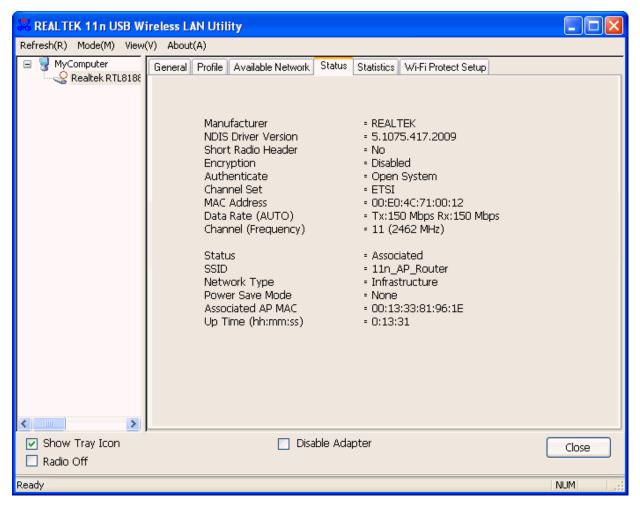
This Available Network tab lists the reachable wireless network.

| | Functions | |
|----------------|--|--|
| Refresh | To rescan available Wireless Networks. | |
| Add to Profile | To add an available Wireless Network to your profile list. | |



Status

The Status tab shows the current connection status.



Statistics

The **Statistics** tab shows the transmission activity record. Clicking the **"Reset "** button recounts the values from zero.

| 😹 REALTEK 11n USB Wi | reless LAN Utility | | | | |
|--------------------------------|---|-------|--|--|--|
| Refresh(R) Mode(M) View(| Refresh(R) Mode(M) View(V) About(A) | | | | |
| WyComputer Sealtek RTL8188 | General Profile Available Network Status Statistics Wi-Fi Protect Setup | | | | |
| | Counter Name Value | 3 | | | |
| | Tx OK 24- | | | | |
| | |) | | | |
| | Rx OK 5. Rx Packet Count 5. | | | | |
| | | | | | |
| | | 0 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | Reset | | | | |
| | | | | | |
| | | | | | |
| ✓ Show Tray Icon Radio Off | Disable Adapter | Close | | | |
| Ready | | NUM | | | |



Wi-Fi Protected Setup (WPS)

An easy and secure setup solution for Wi-Fi network.

| 🙈 REALTEK 11n USB W | reless LAN Utility 📃 🗖 🔀 |
|--------------------------|---|
| Refresh(R) Mode(M) View(| V) About(A) |
| 🖃 😼 MyComputer | General Profile Available Network Status Statistics Wi-Fi Protect Setup |
| Realtek RTL8188 | Mi Ei Protocted Setup (M/BS) |
| | Wi-Fi Protected Setup (WPS) |
| | An easy and secure setup solution for Wi-Fi network |
| | Pin Input Config (PIN) After pushing the PIN button.Please enter the PIN code into your AP. |
| | PIN Code: 22916341 |
| | Pin Input Config (PIN) |
| | Push Button |
| | After pushing the PBC button.Please push the physical button on your AP or visual button on the WPS config page. |
| | your AP or visual button on the WPS coning page. |
| | Push Button Config (PBC) |
| | |
| | |
| | |
| | |
| | |
| < > | |
| Show Tray Icon | Disable Adapter Close |
| Ready | NUM |

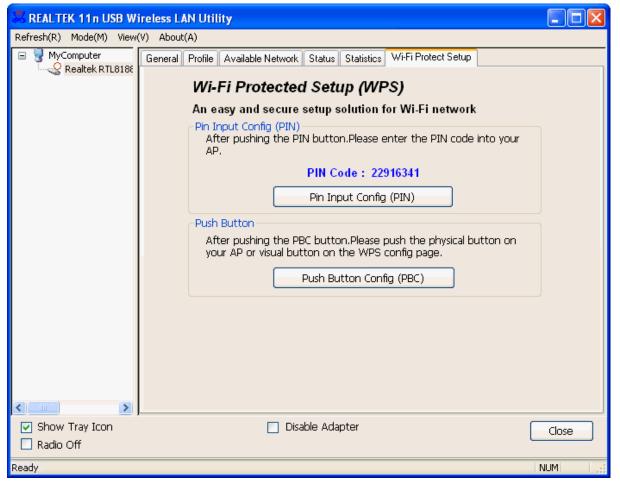
Push Button Config (PBC) Method

If both AP and users' Wireless LAN Utility has the physical button or visual button of Push Button Config (PBC), please follow steps below to complete the WPS.

Step 1:



Double click the icon on your desktop to start the utility or in the task bar and then click the **"Wi-Fi Protected Setup "** tab.





Step 2:

Click on "Push Button Config (PBC) " button.

| 😹 REALTEK 11n USB W | /ireless LAN Utility | | | |
|-------------------------|--|-------|--|--|
| Refresh(R) Mode(M) View | Refresh(R) Mode(M) View(V) About(A) | | | |
| MyComputer | Wi-Fi Protected Setup (WPS) An easy and secure setup solution for Wi-Fi network Pin Input Config (PIN) After pushing the PIN button.Please enter the PIN code into your | | | |
| | AP. PIN Code : 22916341 Pin Input Config (PIN) Push Button After pushing the PBC button.Please push the physical button on your AP or visual button on the WPS config page. Push Button Config (PBC) | | | |
| Show Tray Icon | Disable Adapter | Close | | |
| Radio Off | | Liose | | |
| Ready | 1 | NUM | | |

| Wi-Fi Protected Setup - PBC method | × |
|--|---|
| <i>Wi-Fi Protected Setup - PBC method</i> If there is more then one AP on the PBC mode,there will be [Session Overlap].Please using PIN method or wait for a while push the button again. | |
| Status : WPS Protocol Communication | |
| Complete : | _ |
| Push Button Config (PBC) Cancel | |

Step 3:

Now you are ready to use the Wireless Network to Internet or intranet.

| 🙈 REALTEK 11n USB W | ireless LAN Utility | |
|-------------------------|---|-------|
| Refresh(R) Mode(M) View | (V) About(A) | |
| B S MyComputer | General Profile Available Network Status Statistics Wi-Fi Protect Setup | |
| Realtek RTL8188 | | |
| | Status: Associated | |
| | Speed: Tx:150 Mbps Rx:150 Mbps | |
| | Type: Infrastructure | |
| | Encryption: AES | |
| | SSID: WPS5218cd961e | |
| | Signal Strength: 94% | |
| | | |
| | Link Quality: | |
| | Network Address: | |
| | MAC Address: 00:E0:4C:71:00:12 | |
| | IP Address: 10.0.12 | |
| | Subnet Mask: 255.255.0 | |
| | Gateway: 10.0.0.2 | |
| | | |
| | ReNew IP | |
| < > | | |
| Show Tray Icon | Disable Adapter | Close |
| Radio Off | | Close |
| Ready | | NUM |



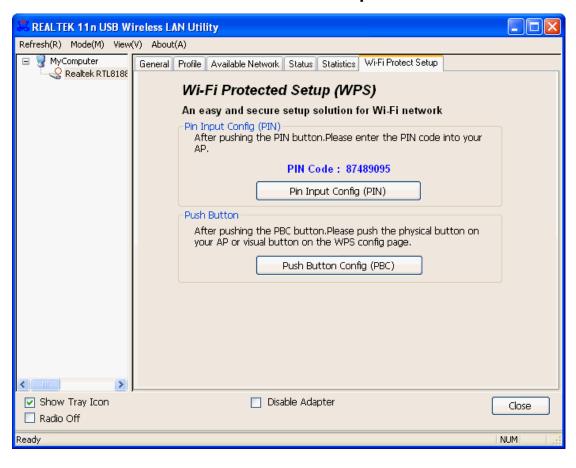
PIN Method 2

If AP know users' PIN code and the PIN code is 81332342, please follow steps below to complete the WPS.

Step 1:



Double click the icon on your desktop to start the utility or in the task bar and then click the **"Wi-Fi Protected Setup "** tab.



Step 2: Click on " Pin Input Config (PIN) " button.

| 🙈 REALTEK 11n USB W | ireless LAN Utility | | |
|-------------------------------------|--|-------|--|
| Refresh(R) Mode(M) View(V) About(A) | | | |
| B MyComputer Realtek RTL8188 | General Profile Available Network Status Statistics Wi-Fi Protect Setup Wi-Fi Protected Setup (WPS) An easy and secure setup solution for Wi-Fi network Pin Input Config (PIN) After pushing the PIN button.Please enter the PIN code into your AP. PIN Code : 87489095 Pin Input Config (PIN) Push Button After pushing the PBC button.Please push the physical button on your AP or visual button on the WPS config page. Push Button Config (PBC) | | |
| Show Tray Icon | Disable Adapter | Close | |
| Ready | | NUM | |

Step 3:

Click on "Yes " button.





Step 4:

Select the desired WPS AP Name and then click on " Select " button.

| V | /i-Fi Protected Setup - S | Select AP | × | |
|---|--|---|---|--|
| | WPS AP Name ssidcdef RTL867x-stanley NetMASTER Baudtec_12F TN263R4_11F PRISM_WIRELESS 11n_AP_Router | WPS AP MAC 02:10:91:18:BF:01 00:13:33:00:00:91 00:E0:4C:86:70:01 00:13:33:19:9B:BE 00:13:33:19:9C:40 00:30:B4:11:22:33 00:13:33:81:96:1E | | |
| | Refresh Cancel | | | |

Step 5:

Please enter the PIN Code into your AP.



Step 6:

Now you are ready to use the Wireless Network to Internet or intranet.

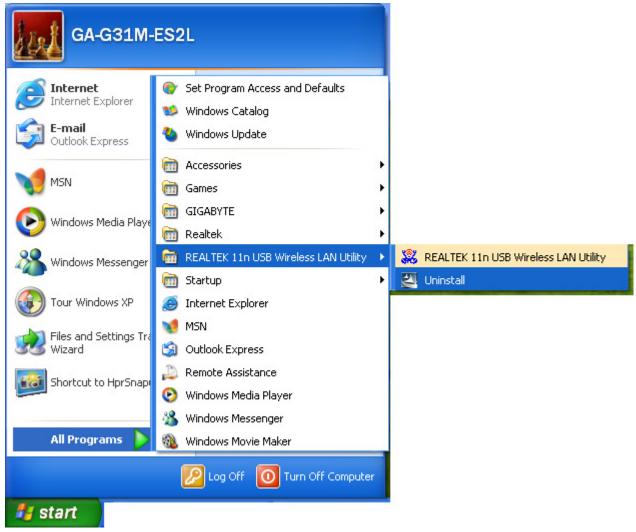
| 🙁 REALTEK 11n USB W | ireless LAN Utility | | | |
|----------------------------|---|-------|--|--|
| Refresh(R) Mode(M) View(| Refresh(R) Mode(M) View(V) About(A) | | | |
| MyComputer Realtek RTL8188 | General Profile Available Network Status Statistics Wi-Fi Protect Setup | | | |
| | Status: Associated | | | |
| | Speed: Tx:150 Mbps Rx:150 Mbps | | | |
| | Type: Infrastructure | | | |
| | Encryption: AES | | | |
| | SSID: WPS5fc199961e | | | |
| | Signal Strength: 94% | | | |
| | Link Quality: 100% | | | |
| | Network Address: | _ | | |
| | MAC Address: 00:E0:4C:71:00:12 | | | |
| | IP Address: 10.0.0.102 | | | |
| | Subnet Mask: 255.255.0 | | | |
| | Gateway: 10.0.0.2 | | | |
| | ReNew IP | | | |
| <> | | | | |
| 🗹 Show Tray Icon | Disable Adapter | Close | | |
| 🔲 Radio Off | | | | |
| Ready | | NUM | | |



Uninstall

Step 1:

Click " Start -> All Programs -> REALTEK 11n USB Wireless LAN Utility -> Uninstall ".



Step 2: Click " Yes ".



Step 3: Click " Finish ".

| REALTEK 11n USB Wireless LAN Driver and Utility | | | |
|---|--|--|--|
| | Uninstall Complete InstallShield Wizard has finished uninstalling REALTEK 11n USB Wireless LAN Driver and Utility. | | |
| | < Back Finish Cancel | | |



Troubleshooting

Session Overlap

If there is more then one AP on the PBC mode, there will be [Session Overlap].Please using PIN method or wait for a while push the button again.



TimeOut!!

If you see the message below while doing WPS!! Please retry again!



NO REALTEK 11n USB Wireless LAN

If you see the message below, please plug in the **REALTEK 11n USB Wireless LAN** to the USB port of PC.



REALTEK 11n USB Wireless LAN is

Disconnected

If you see the message below, please refer to the chapter **Making a Basic Wireless Network Connection** to make a Wireless Network Connection.

REALTEK 11n USB Wireless LAN is Disconnected

Cannot get IP Address from Wireless AP

If the Wireless LAN Utility cannot get any the real IP Address from AP, please click on **ReNew IP** button to request IP Address again or configure the static IP Address for **REALTEK 11n USB Wireless LAN**.

| 🙈 REALTEK 11n USB W | ireless LAN Utility | | | |
|-------------------------|---|--------|--|--|
| Refresh(R) Mode(M) View | Refresh(R) Mode(M) View(V) About(A) | | | |
| B S MyComputer | General Profile Available Network Status Statistics Wi-Fi Protect Setup | | | |
| Realtek RTL8188 | | | | |
| | Status: Associated | | | |
| | Speed: Tx:150 Mbps Rx:150 Mbps | | | |
| | Type: Infrastructure | | | |
| | Encryption: None | | | |
| | SSID: WPS5fc199961e | | | |
| | Signal Strength: 94% | | | |
| | Link Queltur | | | |
| | Lirik Quality; | | | |
| | Network Address: | _ | | |
| | MAC Address: 00:E0:4C:71:00:12 | | | |
| | IP Address: 169.254.222.174 | | | |
| | Subnet Mask: 255.255.0.0 | | | |
| | Gateway: | | | |
| | ReNew IP | - - | | |
| | | | | |
| | | | | |
| Show Tray Icon | 🔲 Disable Adapter | Close | | |
| Radio Off | | | | |
| Ready | | NUM | | |