

## **FCC Statement**

# 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 the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. 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 of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## **FCC** Caution

- 1. The device complies with Part 15 of the FCC rules. Operation is subject to the following conditions:
- 2. This device may not cause harmful interference, and this device must accept any interference received, including interference that may cause undesired operation.
- 3. FCC RF Radiation Exposure Statement: The equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.
- 4. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
- 5. Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.

#### **IMPORTANT NOTE**

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance20cm between the radiator & your body.

#### **CE Mark Warning**

# **(()**

This is a class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

#### **National Restrictions**

Frequency range - 2400.0 - 2483.5 MHz

Country	Country	Reason/remark
Bulgaria	none	General authorization required for outdoor use and public service.
France	Outdoor use limited to 10 mW e.i.r.p. within the band 2454-2483.5 MHz	Military Radiolocation use. Refarming of the 2.4 GHz band has been ongoing in recent years to allow current relaxed regulation. Full implementation planned 2012.
Italy	none	If used outside of own premises, general authorization is required.
Luxembourg	none	General authorization required for network and service supply (not for spectrum).
Norway	Implemented	This subsection does not apply for the geographical area within a radius of 20 km from the centre of Ny-Ålesund.
Russian Federation	none	Only for indoor applications.

Note: Please don't use the product outdoors in France

#### **CE Statement of Conformity**

Our product has been tested in typical configuration by Ecom Sertech Corp and was found to comply with the essential requirement of "Council Directive on the Approximation of the Laws of the Member Sates relating to Electromagnetic Compatibility" (89/336/EEC; 92/31/EEC; 93/68/EEC). The Declaration of Conformity can be found at the Sapido regional website. <a href="https://www.sapidotech.de">www.sapidotech.de</a>

#### **CE Information of Disposal**



The electric and electronic equipment or unit which is labeled with crossed-out wheeled bin may not be disposed of with household waste. This mark is based on European Directive 2002/96/EC (for Waste Electric and Electronic Equipment=WEEE).

Please take it to the designated collection facilities. We will ensure the proper recycling, reuse and other forms of recovery of WEEE. WEEE has the potential effects on the environment and human health as a result of the presence of hazardous substances. You can contribute to eliminate these effects by your cooperation.

# **User Guide of AU-4512S**

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## Installing the software of USB Adapter

#### Step 1.

When installation CD-ROM starts, following language selection menu will appear and please select the preferred Language to begin with.



Step 2.

To run the Setup Wizard, please select "Driver" on the main menu.



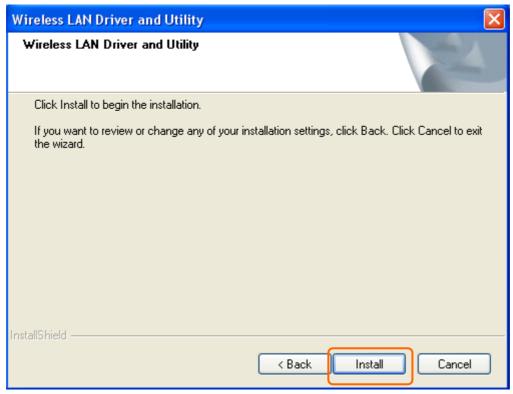
#### Step 3.

The setup program will install the driver and utility to computer. Please click the "Next" button to continue.



#### Step 4.

The setup program is ready to begin installation. Please click the **"Install"** button.



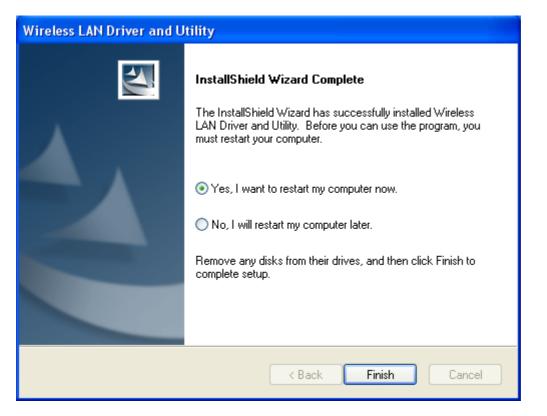
#### Step 5.

The software installation should begin. This may take a few minutes.

Wireless LAN Driver and Utility	
Setup Status	
The InstallShield Wizard is installing Wireless LAN Driver and Utility	
Installing	
D:\\{6239EA11-3572-49f1-8B37-F2DC339C5168}\data1.cab	
InstallShield	
	Cancel

#### Step 6.

Once the installation success, click **"Yes"** to restart your system (recommended). Otherwise, click "No" to restart your system later.



#### Step 7.

Once the installation complete, you may now configure your wireless network.

📕 Wireless Utility		
Refresh( <u>R</u> ) View( <u>V</u> ) Abou	t( <u>A</u> )	
🖃 🚽 MyComputer 🥪 Realtek R TL 819	General Profile Available Network Status Statistics Wi-Fi Protect Setup	
	Status: Associated Throughput:	
	Speed: Tx:48 Mbps Rx:48 Mbps	
	Type: Infrastructure	
	Encryption: None Tx:0.0%, Total:0.0%	
	SSID: ETNT	
	Signal Strength: 72%	
	Link Quality:	
	Network Address:	
	MAC Address: 00:D0:41:B9:06:E9	
	IP Address: 192.168.39.135	
	Subnet Mask: 255.255.25	
	Gateway: 192.168.39.39	
	ReNew IP	
<>		
Show Tray Icon Radio Off	Disable Adapter	Close
Ready	N	UM 🛛 🔡

## Configuring your wireless network (with Wireless Utility)

- 1. Windows XP users, if you chose "Microsoft Zero Configuration Tool" during the software installation please skip to page 11.
- 2. Double click on the computer with wireless signal icon in your taskbar or the shortcut icon on the desktop.



3. It should pop up the Wireless Utility window. And then utility shows the connecting wireless network that connected automatically or was the default network in profile.

📕 Wireless Utility		
Refresh( <u>R</u> ) View( <u>V</u> ) Abou	t( <u>A)</u>	
🖃 🚽 MyComputer	General I rofile Available Network Status Statistics Wi-Fi Protect Setup	
Realtek R TL819		
	Status: Associated Throughput:	
	Speed: Tx:48 Mbps Rx:48 Mbps	
	Type: Infrastructure	
	Encryption: None Tx:0.0%,Total:0.0%	
	SSID: ETNT	
	Signal Strength: 72%	
	Link Quality:	
	Link Quality: 100%	
	Network Address:	
	MAC Address: 00:D0:41:B9:06:E9	
	IP Address: 192.168.39.135 Subnet Mask: 255.255.25.0	
	Gateway: 192.168.39.39	
	Galeway, 192,100,09,09	
	ReNew IP	
< >		
Show Tray Icon	Disable Adapter	Close
🔲 Radio Off	L	
Ready	N	UM 🛛 🛔

4. Click the "Available Network" tab to the wireless network surveying page. Click the "Refresh" button to scan the area for wireless network(s). Once the scan completed, select the desired wireless network from the list and double click it or click the "Add to Profile" button.

📃 Wireless Utility					
Refresh(R) View(V) About		_			
🖃 🚽 MyComputer	General Profie Available Network	Status St	atistics   Wi-Fi	Protect Setup	
Realtek R TL 819	Available Network(s)				
	SSID	Channel	Encryption	Network Authentication	n 🔼
	(m)DR368n_bd05ca_4	6	AES	WPA Pre-Shared Key	
	(19) NaviR620_Hub_Sam	6	None	Unknown	
	Powerline_Server_MFP	6	None	Unknown	
	SparkLan	0	TRIP	WPA Pre-Shared Key	
	wireless_Mobile_Router		TKIP	WPA Pre-Shared Key	
	(ф) жејуз	7	WED	Unknown	
	(P)ETOP	8	None	Unknown	
	🐏 mould.tw	9	WEP	Unknown	
	(Metnt	10	None	Unknown	
	(1)3.5G_BT_Server_Router	11	None	Unknown	
	(%)3.5G_BT_Server_Router	11	None	Unknown	-
	(9)3.5G_BT_Server_Router	11	None	Unknown	
	4 3.5G_BT_Server_Router	11	None	Unknown	-
	(M) DEC Corver Reuter ba	11	100	M/DAO Dro Charod Kou	>
	Refresh			Add to Profile	
	Note Double click on item to join/	create prof	ile.		
K 🔰 🔰					
Show Tray Icon Radio Off	Disab	le Adapter			Close
Ready				NU	M

5. It should pop up the wireless Network Properties window. If you do not have any wireless security (WEP, WPA, WPA2, and etc.) set on your wireless network, simply click the "OK" button and skip to step7. If you do have wireless securities on your wireless network, configure the security setting in "Wireless network security" column.

Wireless Network Properties:	
Profile Name: Wireless_Mobile_Router_b781e1	802.1x configure
Network Name(SSID): Wireless_Mobile_Router_b781e1	EAP TYPE :
	GTC
	Tunnel : Privision Mode :
☐ This is a computer-to-computer(ad hoc) network; wireless access points are not used.	× ×
Channel: 6 (2437MHz) 💌	Username :
Wireless network security	
This network requires a key for the following:	Identity :
Network Authentication: WPA-PSK 🛛 👻	
Data encryption: TKIP	Domain :
	Password :
Key index (advanced):	Certificate :
Network key:	
*****	PAC : Auto Select PAC
Confirm network key:	×
*****	
QK Gancel	

- 6. Set your wireless securities settings, when it completed, click the "OK" button. Select the Network Authentication and Data encryption to set the encryption type.
  - If you have WEP, typically you select the format and enter your WEP key below the Data encryption.
  - If you have WPA-PSK or WPA2-PSK, typically you only enter your key in the "Network Key" and type again to confirm it.
  - If you have 802.1x configure, typically you only configure your setting in 802.1x configure column.

Wireless Network Properties:	
Profile Name: EDIMAX BR-6324nL	802.1x configure
Network Name(SSID): EDIMAX BR-6324nL	EAP TYPE :
	GTC
This is a computer-to-computer(ad hoc) network; wireless	Tunnel : Privision Mode :
access points are not used.	
Channel: 11 (2462MHz) 💙	
	Username :
Wireless network security	
This network requires a key for the following: Network Authentication: WPA-PSK	Identity :
Data encryption: TKIP	Domain :
	Password :
Key index (advanced): 1 🗸	Certificate :
Network key:	
	PAC : Auto Select PAC
Confirm network key: *******	
QK <u>C</u> ancel	

 After connected to wireless network, utility will back to "General" page and show the wireless network status. Once the wireless network connected successfully, the Network Address will show the AU-4512S has gotten the IP address from DHCP.

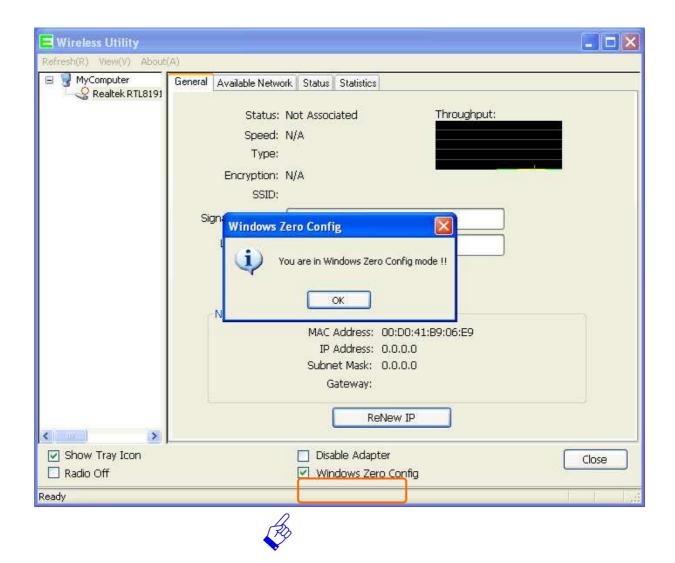
😑 Wireless Utility		
Refresh( <u>R</u> ) ∀iew(V) Abou	nt( <u>A</u> )	
🖃 🦞 MyComputer	General Profile Available Network Status Statistics Wi-Fi Protect Setup	
Realtek R TL 819		
	Status: Associated Throughput:	
	Speed: Tx:54 Mbps Rx:54 Mbps	
	Type: Infrastructure	
	Encryption: TKIP Tx:0.1%, Total:0.1%	
	SSID: Wireless_Mobile_Router_b781e1	
	Signal Strength: 100%	
	Link Quality:	
	100%	
	Network Address:	
	MAC Address: 00:D0:41:B9:06:E9	
	IP Address: 192.168.200.101 Subnet Mask: 255.255.255.0	
	Gateway: 192.168.200.1	
	ReNew IP	
<		
Show Tray Icon	Disable Adapter	Close
🔲 Radio Off		
Ready	N	UM

8. Click the "Profile" tab to check the profile page. The wireless network configuration has added in Available Profile(s). It could remove, edit, duplicate and set default the profiles in this page.

📕 Wireless Utility	
Refresh( <u>R)</u> View( <u>V</u> ) Abou	( <u>A</u> )
🖃 🚽 MyComputer	General Profile Available Network Status Statistics Wi-Fi Protect Setup
	Available Profile(s)
	Profile Name SSID Add
	Wireless_Mobile Wireless_Mobile_Router_b7
	Remove
	Edit
	Duplicate
	Set Default
	< >
< >	
✓ Show Tray Icon ■ Radio Off	Disable Adapter Close
Ready	NUM

# Configuring your wireless network (with Microsoft Zero Configuration Tool)

- Warning: Due to security reasons, we strongly recommend updating Windows XP to service pack 2 and above, if you have not done so. If you do not wish to update, please follow the following steps to change the configuration tool between wireless utility and Microsoft Zero configuration tool.
- 1. Please open the wireless utility. And then enable the "Windows Zero Config" as configuration utility. After enabling the "Windows Zero Config" will pop out a message box, click the "ok" button to continue.



2. Once using Microsoft Zero Configuration Tool to configure wireless network, Wireless Utility will be can not configure.

😑 Wireless Utility		
Refresh(R) View(V) About	(A)	
WyComputer     Sealtek RTL8191	General Available Network Status Statistics Status: Not Associated Throughput:	
	Speed: N/A Type: Encryption: N/A SSID:	
	Signal Strength: Link Quality:	
	Network Address: MAC Address: 00:D0:41:B9:06:E9	
	IP Address: 0.0.0.0 Subnet Mask: 0.0.0.0 Gateway:	
<u> ( ) )</u>	ReNew IP	
Show Tray Icon	<ul> <li>Disable Adapter</li> <li>Windows Zero Config</li> </ul>	Close
Ready		1.153

## Wi-Fi Protect Setup (WPS)

WPS is an easy and secure setup solution for Wi-Fi network. Please click the Wi-Fi Protect Setup tab. AU-4512S has two methods, PIN (Pin Input Config) and PBC (Push Button Config), to setup the network.

📕 Wireless Utility		
Refresh( <u>R</u> ) View( <u>V</u> ) About	( <u>A</u> )	
🖃 🚽 MyComputer	General Profile Available Network Status Statistics Wi-Fi Protect Setup	
Realitek R TL819	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 : 22916501         Pin Input Config (PIN)         Push Button         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 Radio Off	Disable Adapter	Close
Ready	N	UM

## Pin Input Config (PIN)

 Click on the "Pin Input Config (PIN)" button, and then it should pop up a message box. If you want to connect to a specific AP, please click the "Yes" button. Or please click the "No" button to continue and skip to step3.

Note: Every time you click the tab to change the page, the PIN code will be changed.



2. Select the specific AP which you want to connect. If you can not find the WPS AP in this page, please click the "Refresh" button. And then click the "Select" button.

😑 Wireless Utility		×
Refresh(R) View(V) About(A	)	
B 🖁 MyComputer	General Profile Available Network Status Statistics Wi-Fi Protect Setup Wi-Fi Protected Setup (WPS) Wi-Fi Protected Setup - Select AP	
	WPS AP Name     WPS AP MAC       Wireless     Mobile_Router     00:D0:41:B5:53:A2       3.5G_BT_Server_Route     00:E0:40:86:51:01       DR368n_Router_Mode     00:E0:40:86:51:01       SparkLan     00:E0:40:86:51:01       3.5G_BT_Server_Route     00:E0:44:86:51:01       3.5G_BT_Server_Route     00:E0:44:86:51:01       3.5G_BT_Server_Route     00:E0:44:86:51:01       3.5G_BT_Server_Route     00:E0:44:89:6F:28	
Show Tray Icon	Disable Adapter Close Vindows Zero Config	]
Ready		1.4

3. AU-4512S is waiting for the AP to establish the connection. And then enter the PIN code into the AP that you want to connect. For example, the AP uses BR360n to be the connecting device. Enter the PIN code into client pin number and then clicks the "Start PIN" button.

Note: The PIN function in AP should be started before the WPS setup in AU-4512S times out.

😑 Wireless Utility		
Refresh(R) View(V) About	(A)	
B VyComputer	General Profile Available Network Status Statistics Wi-Fi Protect Setup <i>Wi-Fi Protected Setup (WPS)</i> An easy and secure setup solution for Wi-Fi network	
W	/i-Fi Protected Setup - PIN method 🛛 🛛 AP,	
	Wi-Fi Protected Setup - PIN method Please enter the following PIN code into your AP .	
	PIN Code : 82969240 your AF Status : Initial WPS	)
	Cancel	
< · · · · · · · · · · · · · · · · · · ·		
Show Tray Icon	<ul><li>Disable Adapter</li><li>Windows Zero Config</li></ul>	Close
Ready		1 1 1.4

## Wi-Fi Protected Setup

This page allows you to change the setting for WPS (Wi-Fi Protected Setup). Using this feature could let your wireless client automically syncronize its setting and connect to the Access Point in a minute without any hassle.

Disable WPS		
WPS Status:	💿 Confi	gured 🔿 UnConfigured
Self-PIN Number:	58652459	)
Push Button Configuratio	na: Start Pl	BC
Apply Changes Res	et	
Current Key Info:		
Authentication	Encryption	Кеу
WPA PSK	TKIP	1234567890
Client PIN Number:	82969	240 Start PIN

4. Once the WPS connected successfully, wireless utility will show the connection status.

😑 Wireless Utility		
Refresh( <u>R</u> ) View( <u>V</u> ) Abou	at( <u>A</u> )	
🖃 🚽 MyComputer	General Profile Available Network Status Statistics Wi-Fi Protect Setup	
Realtek R TL 819		
	Status: Associated Throughput:	
	Speed: Tx:54 Mbps Rx:54 Mbps	
	Type: Infrastructure	
	Encryption: TKIP Tx:0.1%,Total:0.1%	
	SSID: Wireless_Mobile_Router_b781e1	
	Signal Strength: 100%	
	Link Quality:	
	Network Address:	
	MAC Address: 00:D0:41:B9:06:E9	
	IP Address: 192.168.200.101	
	Subnet Mask: 255.255.255.0	
	Gateway: 192.168.200.1	
	Detterry ID	
	ReNew IP	
	Dirable Adapter	
✓ Show Tray Icon Radio Off	🗌 Disable Adapter	Close
Ready	N	UM

## **Push Button (PBC)**

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

Note: The PBC button can click the visual button on the page or push the physical button on AP.

😑 Wireless Utility	
Refresh(R) View(V) Abo	u( <u>A)</u>
HyComputer	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 :       35230328         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.
š	Push Button Config (PBC)
✓ Show Tray Icon ■ Radio Off	Disable Adapter Close Windows Zero Config
Ready	

2. AU-4512S is waiting for the other AP to start the PBC function. The other AP starts the PBC function should be before AU-4512S WPS times out.

E Wireless Utility		
Refresh( $\underline{R}$ ) $\forall iew(\underline{V})$ Abov	n( <u>A</u> )	
MyComputer Realtek R TL819	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	
Wi-I	7i Protected Setup - PBC method	
	Wi-Fi Protected Setup - PBC method 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 : Initial WPS Complete : Push Button Config (PBC) Cancel	r AP
< N		
✓ Show Tray Icon ☐ Radio Off	<ul><li>Disable Adapter</li><li>Windows Zero Config</li></ul>	Close
Ready		

3. Once WPS connected successfully, Wireless Utility will show the connection status.

📕 Wireless Utility		
Refresh( <u>R)</u> View( <u>V)</u> Abou	tt( <u>A</u> )	
🖃 🚽 MyComputer	General Profile Available Network Status Statistics Wi-Fi Protect Setup	
- S Realtek R TL 819	Status: Associated Throughput: Speed: Tx:54 Mbps Rx:54 Mbps Type: Infrastructure	
	Encryption: TKIP Tx:0.0%,Total:0.0%	
	SSID: Wireless_Mobile_Router_b781e1	
	Signal Strength: 92%	
	Link Quality: 99%	
	Network Address:	
	MAC Address: 00:D0:41:B9:1B:E9	
	IP Address: 192.168.200.101	
	Subnet Mask: 255.255.255.0	
	Gateway: 192.168.200.1	
< > >	ReNew IP	
Show Tray Icon	Disable Adapter	
Radio Off	Windows Zero Config	
Ready		- Last

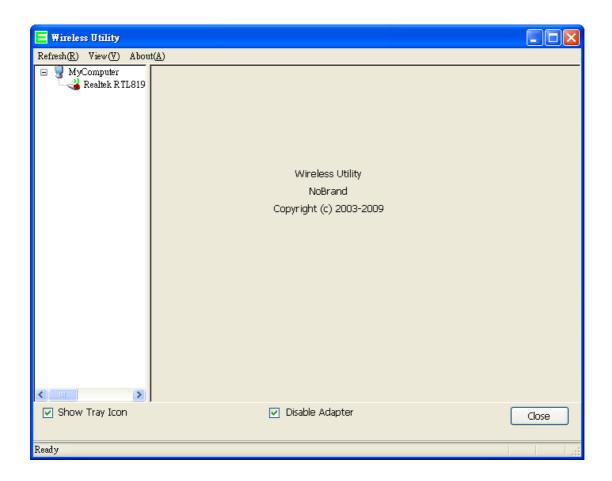
#### **Radio Off**

Enable the Radio Off will turn off the radio function. It means AU-4512S will turn off the wireless function. The wireless network connection will be disconnected.

😑 Wireless Utility		
Refresh( <u>R</u> ) View(V) Abou	nt( <u>A</u> )	
🖃 🚽 MyComputer	General Profile Available Network Status Statistics Wi-Fi Protect Setup	
E Realtek R TL 819	Status: Radio is Off Throughput:	
	Speed: N/A	
	Type:	
	Encryption: N/A	
	SSID:	
	Signal Strength:	
	Link Quality:	
	·Network Address:	
	MAC Address: 00:D0:41:B9:1B:E9	
	IP Address: 0.0.0.0	
	Subnet Mask: 0.0.0.0 Gateway:	
	Gateway.	
	ReNew IP	
<		
Show Tray Icon		Close
🗹 Radio Off	Windows Zero Config	
Ready		

## **Disable Adapter**

Disable the AU-4512S adapter will turn off the USB adapter function. It means all functions of AU-4512S will be turn off.



### Uninstalling the software

1. Click on your start menu. Next go to "Programs" or "All Programs". Next go to the folder "Wireless". Next select "Uninstall".



2. The uninstall window should pop up. Click on "Yes" button.

Wireles	s LAN Driver and Utility 🛛 🕅
?	Do you want to completely remove the selected application and all of its features?

3. The uninstall process should begin and may take a few minutes. Once completed, click "Finish" to close the uninstall window.



4. Once it's complete, click the "Finish" button to exit the uninstall program.

Wireless LAN Driver and U	ess LAN Driver and Utility			
	<b>Uninstall Complete</b> InstallShield Wizard has finished uninstalling Wireless LAN Driver and Utility.			
	< Back Finish Cancel			

http://www.sapido.com.tw

## Wireless Zero Configuration Troubleshooting

If you are Windows XP user and you can not see the check option of "Windows Zero Config", such as following figure, please do the following steps.

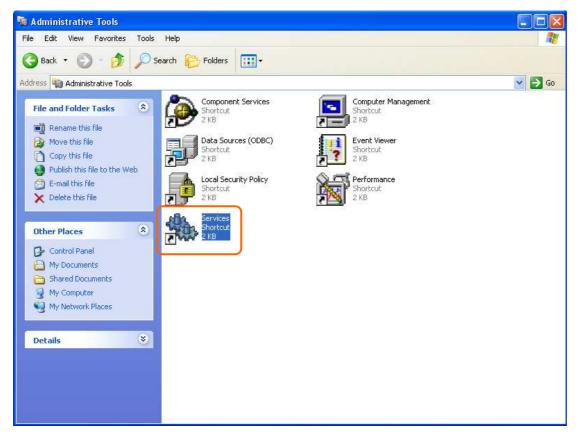
🧮 Wireless Utility		
Refresh( <u>R)</u> View( <u>V)</u> Abou	t( <u>A</u> )	
🖃 🚽 MyComputer 😪 Realtek R TL 819	General Profile Available Network Status Statistics Wi-Fi Protect Setup	
	Status: Associated Throughput:	
	Speed: Tx:54 Mbps Rx:54 Mbps	
	Type: Infrastructure	
	Encryption: TKIP Tx:0.0%,Total:0.0%	
	SSID: Wireless_Mobile_Router_b781e1	
	Signal Strength: 94%	
	Link Quality: 100%	
	Network Address:	-
	MAC Address: 00:D0:41:89:18:E9 IP Address: 192.168.200.101	
	Subnet Mask: 255.255.0	
	Gateway: 192.168.200.1	
<	ReNew IP	
le de la companya de		
Show Tray Icon	Disable Adapter	Close
Ready		1

1. Click on your start menu and then click the "control panel" into control panel. Next click the "Administrative Tools".



Edit View Favorites Tool:	s Help Search 萨 Fo	lders					
ess 🕞 Control Panel							✓
Control Panel 🛞	ر Accessibility Options	Add Hardware	Mdd or Remov	Administrative Tools	Automatic Updates	Avira AntiVir PersonalEdi	Date and Time
iee Also 🛞	<b>B</b> Display	Folder Options	Fonts	Game Controllers	Internet Options	کی الحکام Keyboard	Mail
<ul> <li>Help and Support</li> </ul>	Mouse	Network Connections	Network Setup Wizard	NVIDIA nView Desktop M	Phone and Modem	Power Options	Printers and Faxes
	Segional and	Scanners and	Scheduled	Security	Sounds and	speech	System
	Language	Cameras	Tasks	Center	Audio Devices		
	Taskbar and Start Menu	User Accounts	Windows Firewall	Wireless Network Set			

2. Click on the "Services" item.



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3. It will pop up the Services window. Select the "Wireless Zero Configuration" or "Wireless Configuration" item and double click it.

Services						
ile Action View	Help					
- → 📧 😭						
Services (Local)	Services (Local)					
	Wireless Zero Configuration	Name 🔺	Description	Status	Startup Type	Log On As
	-	Removable Storage			Manual	Local System
	Start the service	Routing and Remote Access	Offers rout		Disabled	Local System
		Secondary Logon	Enables st	Started	Automatic	Local System
	Description:	Security Accounts Manager	Stores sec	Started	Automatic	Local System
	Provides automatic configuration for the	Security Center	Monitors s	Started	Automatic	Local System
	802.11 adapters	Server	Supports fil	Started	Automatic	Local System
		Shell Hardware Detection	Provides n	Started	Automatic	Local System
		Smart Card	Manages a		Manual	Local Service
		SSDP Discovery Service	Enables dis	Started	Manual	Local Service
		System Event Notification	Tracks syst	Started	Automatic	Local System
		System Restore Service	Performs s	Started	Automatic	Local System
		Task Scheduler	Enables a	Started	Automatic	Local System
		TCP/IP NetBIOS Helper	Enables su	Started	Automatic	Local Service
		Telephony	Provides T	Started	Manual	Local System
		Telnet	Enables a r		Disabled	Local System
		Terminal Services	Allows mult	Started	Manual	Local System
		💑 Themes	Provides u	Started	Automatic	Local System
		Uninterruptible Power Supply	Manages a		Manual	Local Service
		Universal Plug and Play Device H	Provides s		Manual	Local Service
		Volume Shadow Copy	Manages a		Manual	Local System
		webClient	Enables Wi	Started	Automatic	Local Service
		windows Audio	Manages a	Started	Automatic	Local System
		Windows Firewall/Internet Conn	Provides n	Started	Automatic	Local System
		Windows Image Acquisition (WIA)	Provides im	Started	Automatic	Local System
		Windows Installer	Adds, modi		Manual	Local System
		🦓 Windows Management Instrume		Started	Automatic	Local System
	1	Windows Management Instrume	Provides s	-	Manual	Local System
	1	Windows Time	Maintains d	Started	Automatic	Local System
	1	Wireless Zero Configuration	Provides a		Manual	Local System
	1	WMI Performance Adapter	Provides p		Manual	Local System
		Workstation	Creates an	Started	Automatic	Local System

Name 🛆	Description
🆓 Uninterruptible Power Supply	Manages a
🏶 Universal Plug and Play Device H	Provides s
🏶 Volume Shadow Copy	Manages a
🏶 WebClient	Enables Wi
🏶 Windows Audio	Manages a
🏶 Windows Firewall/Internet Conn	Provides n
🏶 Windows Image Acquisition (WIA)	Provides im
🏶 Windows Installer	Adds, modi
🎕 Windows Management Instrumenta	tion vides a
🏶 Windows Management Instrume	Provides s
🦓 Windows Time	Maintains d
🍓 Wireless Zero Configuration	Provides a
🎇 WMI Performance Adapter	Provides p
🏶 Workstation	Creates an 🥃
<	>

4. It will pop up the Wireless Zero Configuration Properties window. The "Service status" should be in "Stopped" state now. Click the "Start" button to enable the Wireless Zero Configuration function.

<mark>ireless</mark> Zer	o Configuration Properties (Local Computer) ?				
General Log	On Recovery Dependencies				
Service nam	e: WZCSVC				
Display nam	e: Wireless Zero Configuration				
Description:	Provides automatic configuration for the 802.11				
Path to exec	utable:				
D:\WINDO\	VS\System32\svchost.exe -k netsvcs				
8 104 - 85 - 85					
Startup type:	Manual				
Service stati	is: Stopped				
Start	Den Den Denne				
Start	Stop Pause Resume				
You can spe from here. Start parame	cify the start parameters that apply when you start the service				
	1				
	OK Cancel Apply				

5. Once the setting completes, the "Service status" become to "Started". Click the "OK" button to finish it and the AU-4512S Wireless Utility can see the check option of "Windows Zero Config".

General	Log On	Recovery	Dependenc	ies		
Service	e name:	WZCSVC				
Display name:		Wireless Zero Configuration				
Description:		Provides automatic configuration for the 802.11				
Path to	executabl	e:				
D:\WIN	NDOWS\S	iystem32\sv	chost.exe -k	netsvos		
Startup type:						
		Manual				
Service	e status:	Started				
S	Start	Stop		Pause	Resume	e l
from he		he start para	meters that a	pply when y	ou start the serv	/ice