

WiFi Network card

Quick Installaton Guide

Version 1.0

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April 2012

1. Package Contents

Before you starting to use this WiFi network card, please check if there's anything missing in the package, and contact your dealer of purchase to claim for missing items:

Package Contents

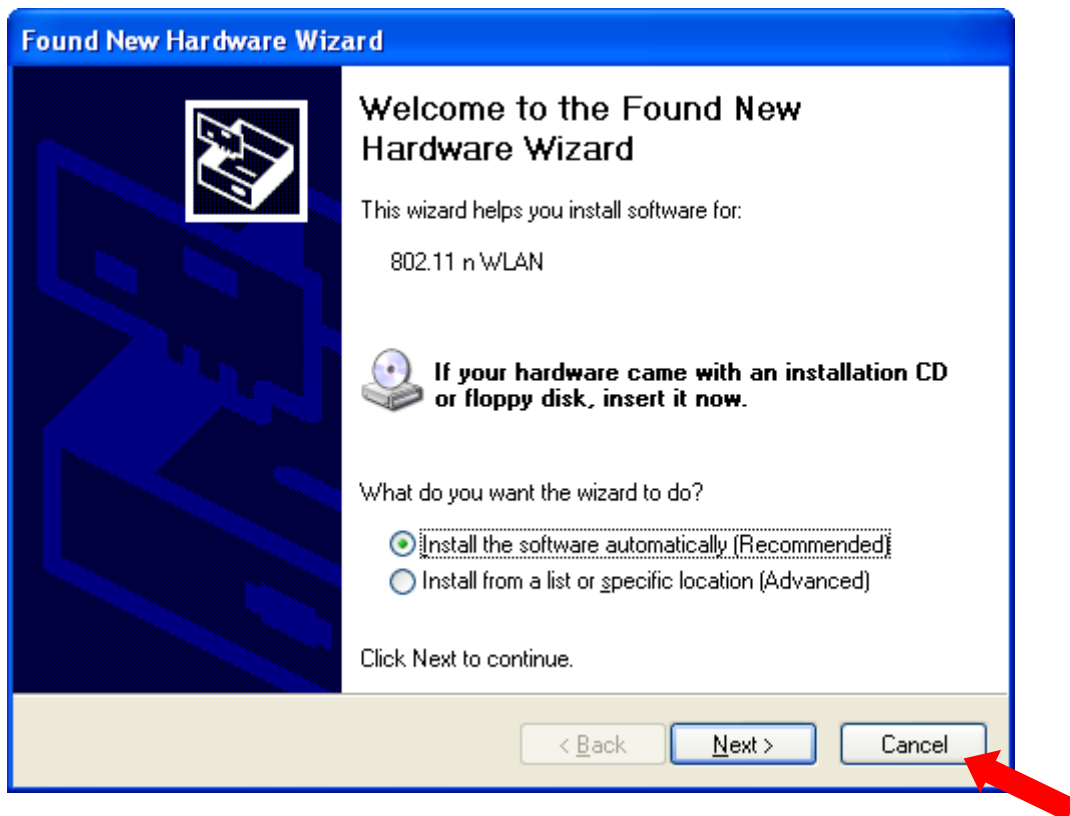
Please make sure you have the following in the box:

- ◆ WiFi network card
- ◆ CDROM

Note: if anything is missing, please contact your vendor

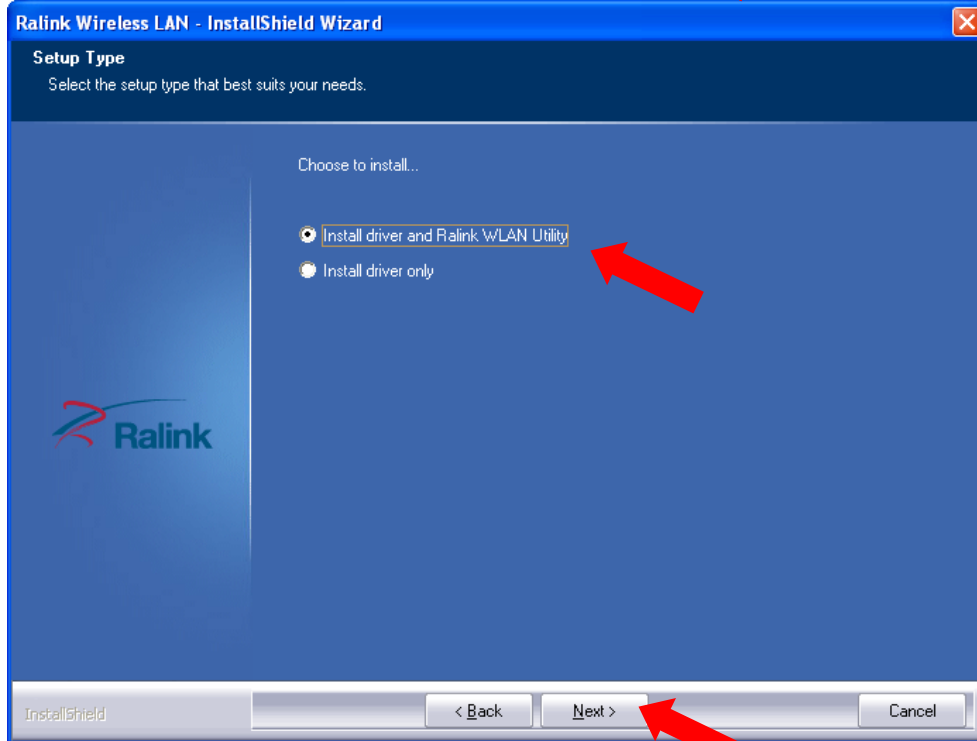
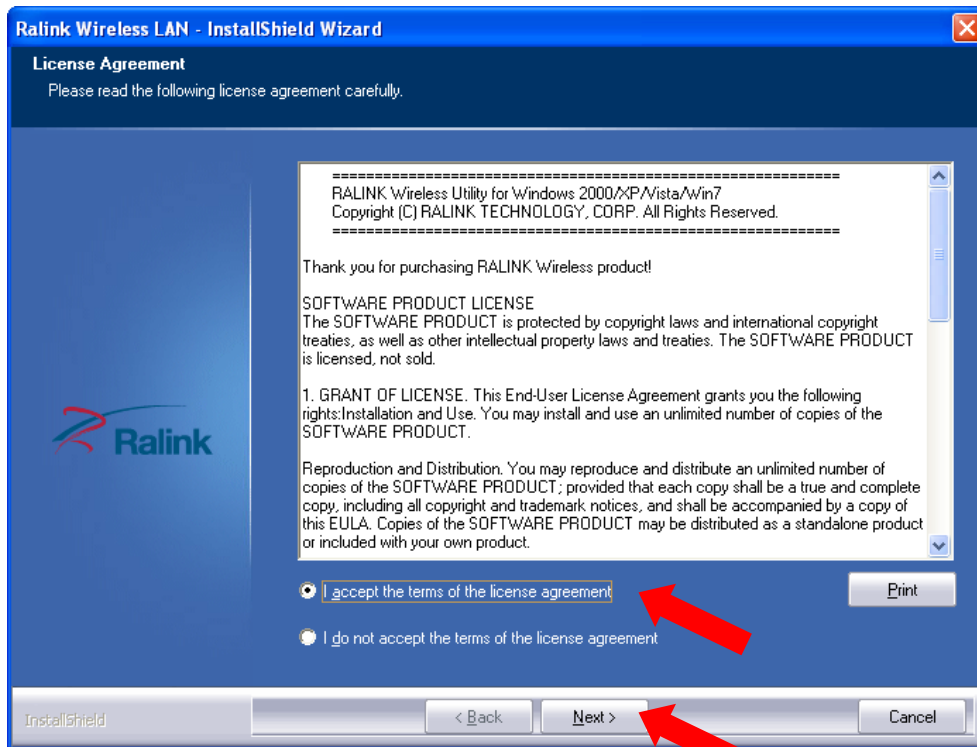
2. WiFi Network Card Installation

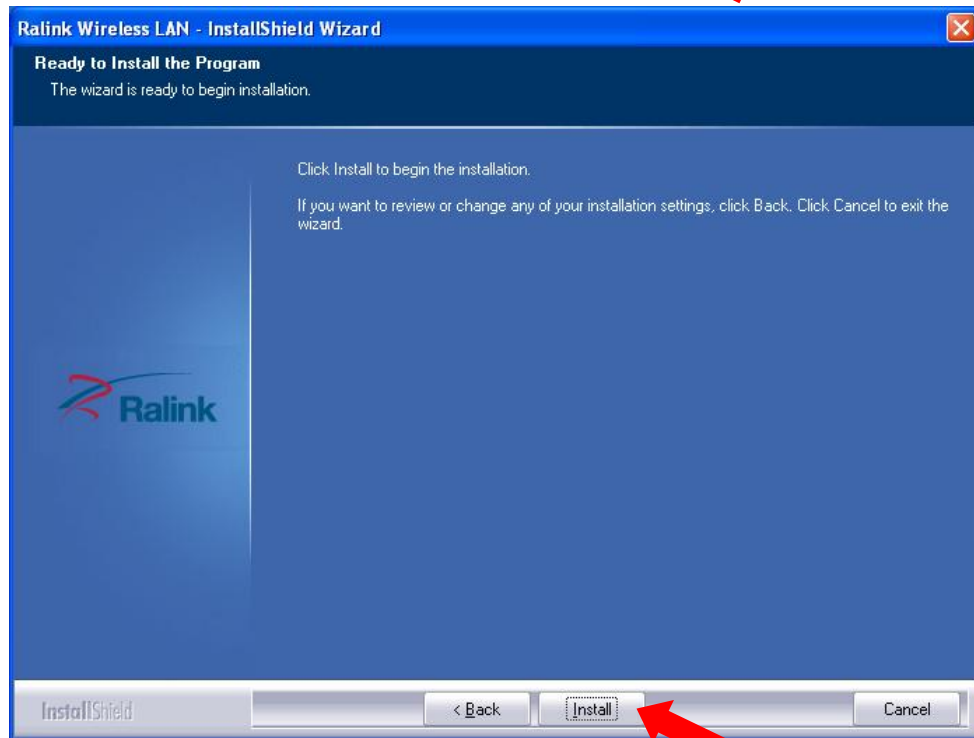
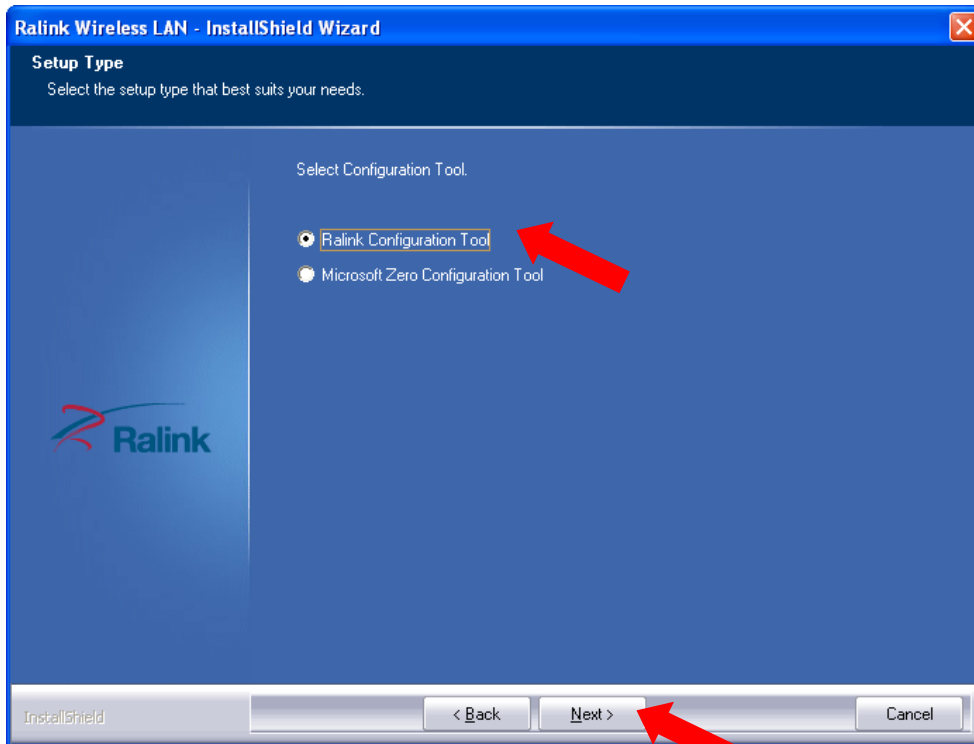
1. Insert the WiFi network card into an empty USB 2.0 port of your platform.
2. If the following message appears on your computer, click **'Cancel'**.



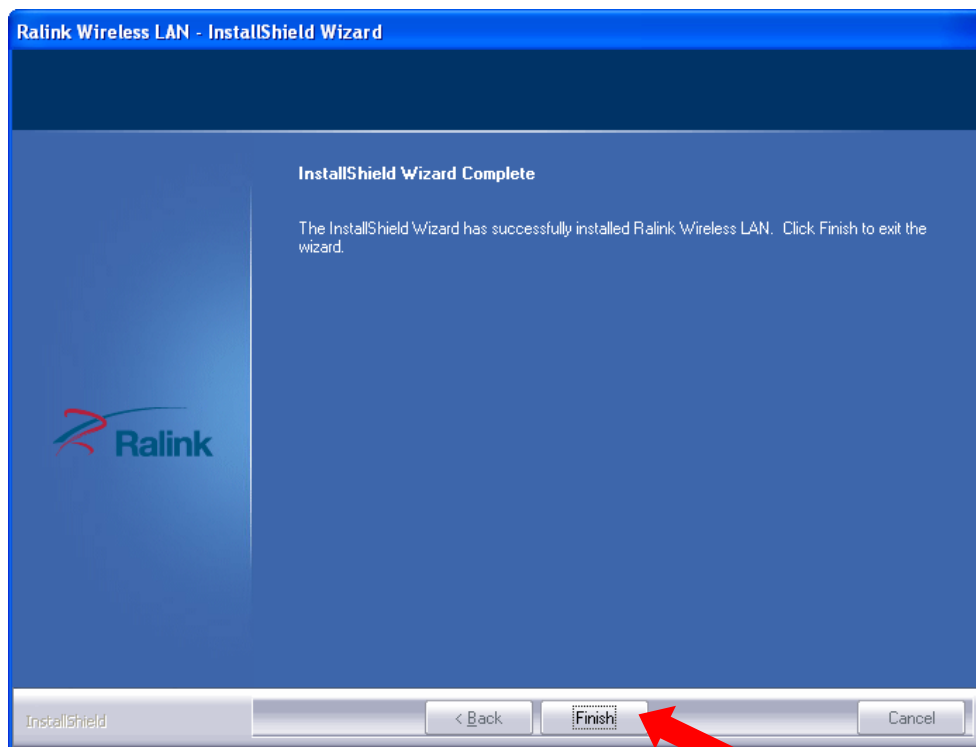
3. Insert the Driver CD then wait for the Autorun prompt.

4. If Autorun does not work, please browse the CD content and double click the “**Setup.exe**”.
5. Click “Next” and then follow the instructions on the screen to continue the installation.





6. When you see this message, please click “Finish” to complete the driver installation process.



3. Connect to Wireless Access Point

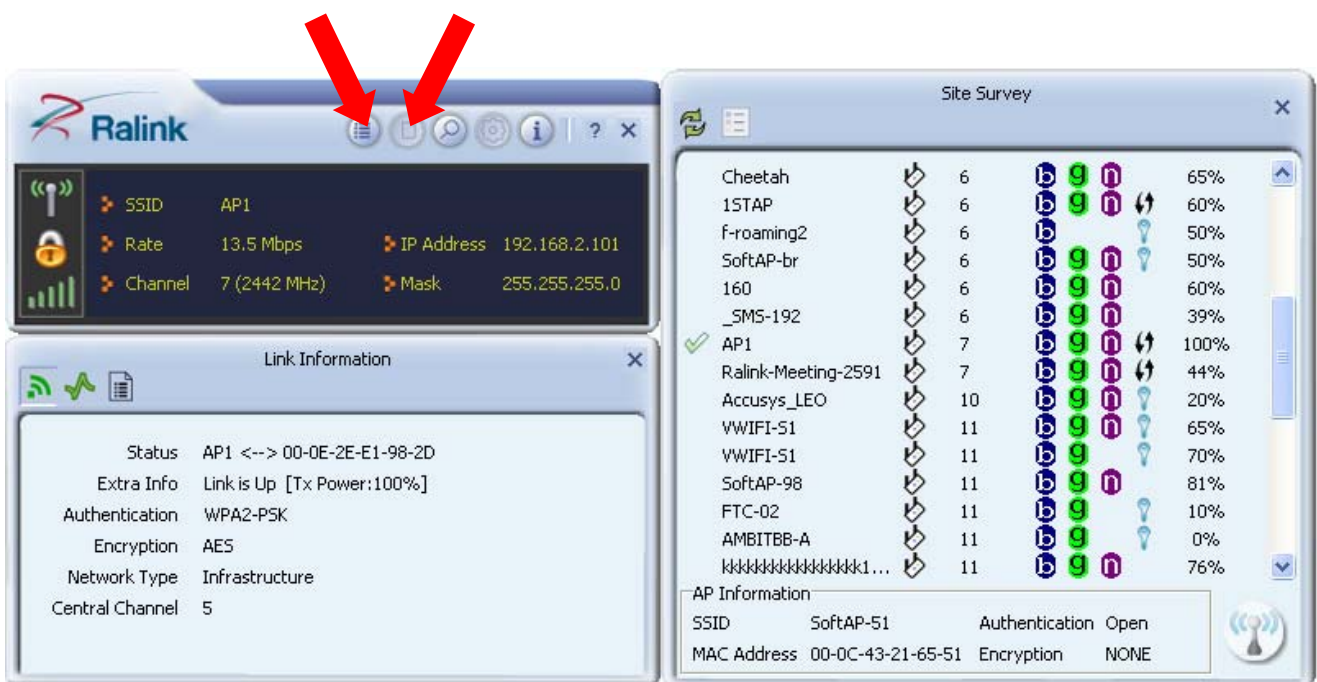
1. After installation is complete, a small Ralink icon appears in the notifications area of the taskbar. You can double click it to maximize the RaUI dialog box.



2. When starting RaUI, the system will connect to the AP with best signal strength without setting a profile or matching a profile setting. When starting RaUI, it will issue a scan command to a WiFi network card. After two seconds, the AP list will be updated with the results of a BSS list scan. The AP list includes most used fields, such as SSID, network type, channel used, wireless mode, security status and the signal percentage. The arrow icon indicates the connected BSS or IBSS network. The dialog box is shown below.

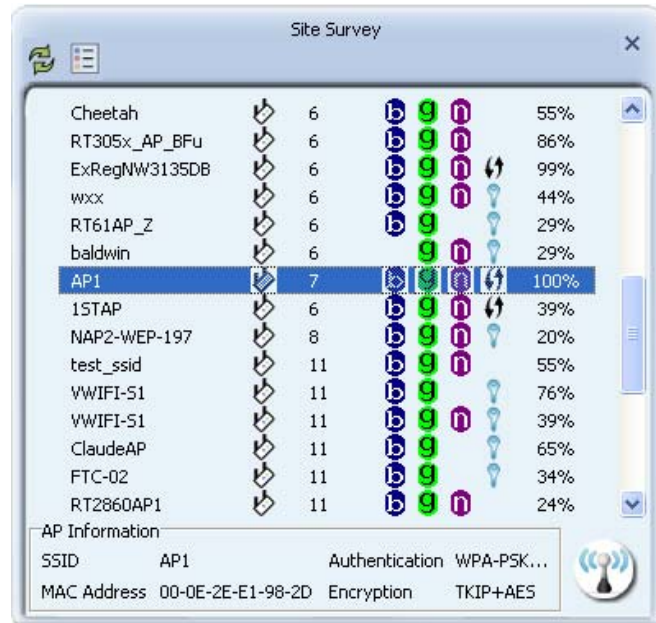


You could click the two buttons which red arrow pointed to open the “Site Survey” and “Link Information” page to show detail information.

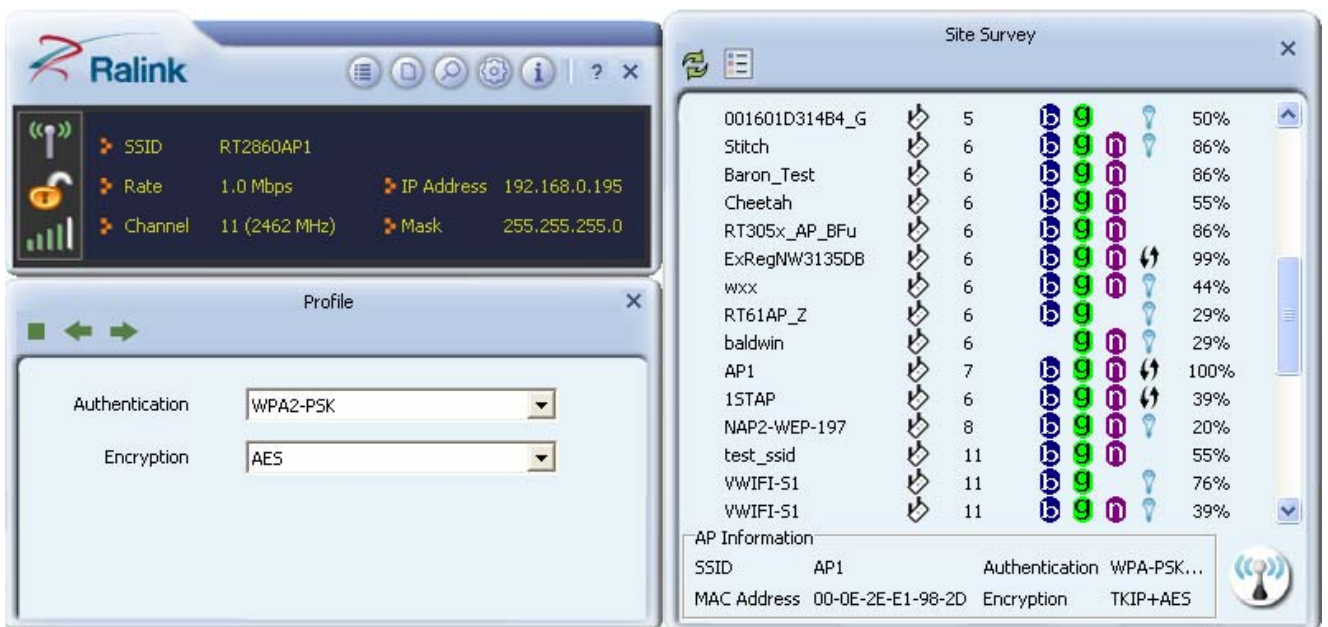


3. You could follow the steps to connect to the AP which you want to connect (Example to Configure Connection with WPA2-PSK).

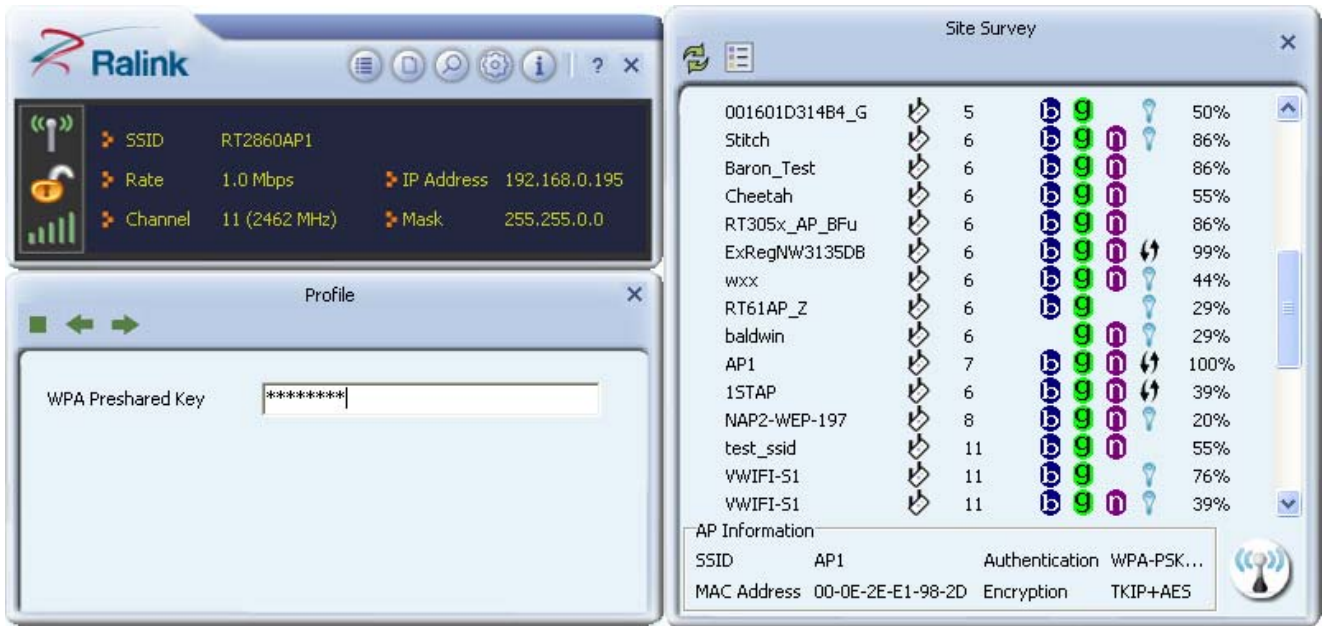
a. Select the AP and click "Connect" icon .



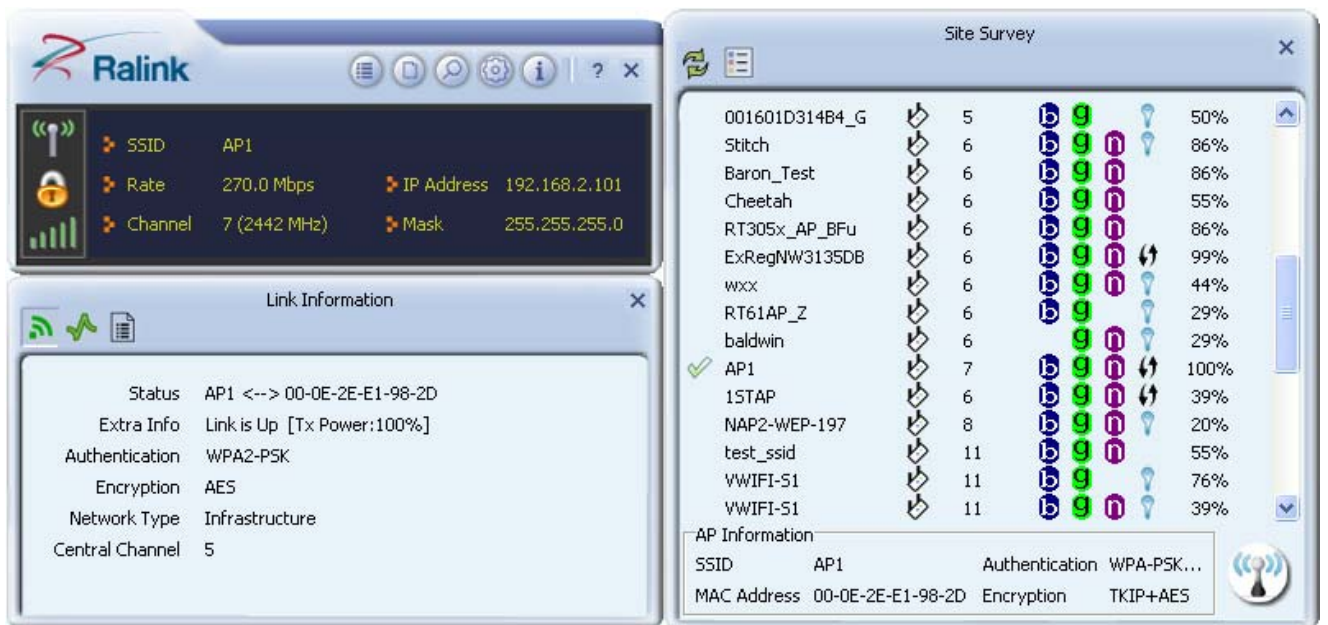
b. Authentication/Encryption function appears.




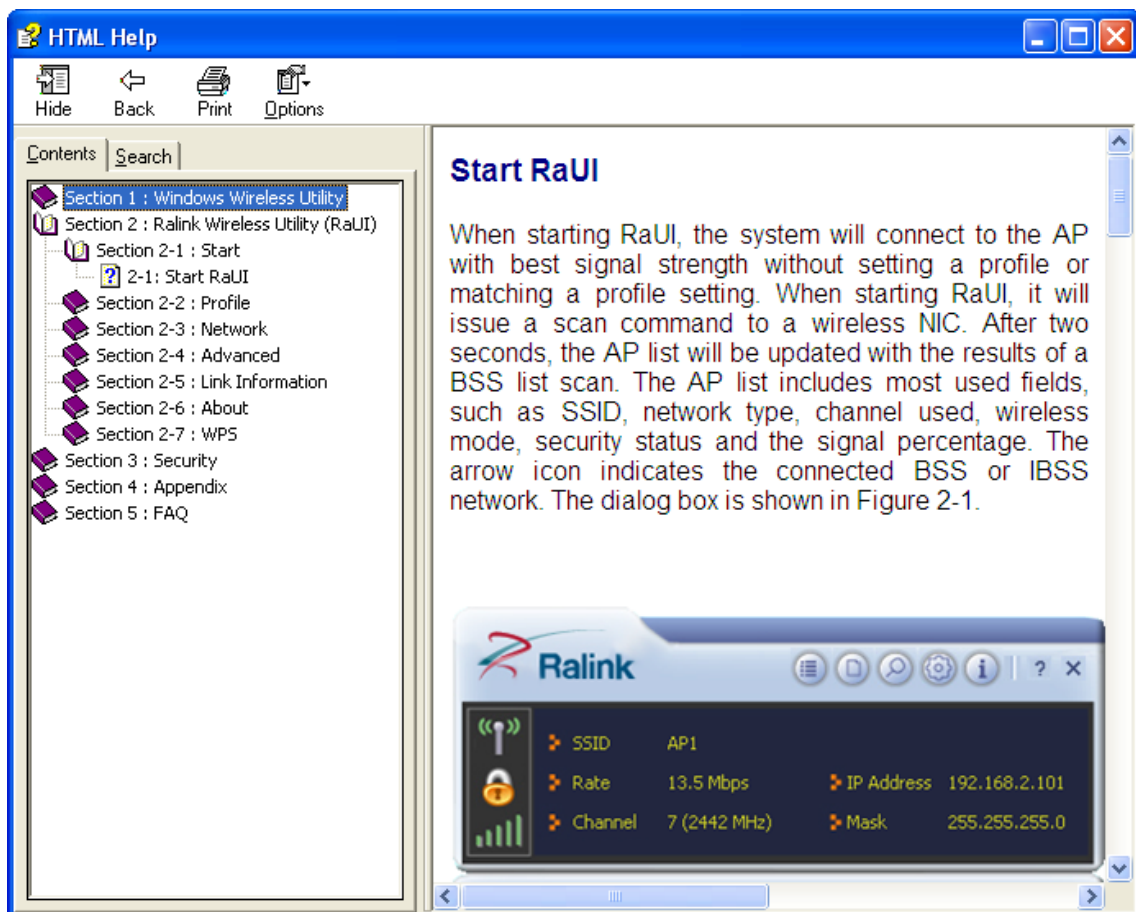
- c. Select WPA2-PSK as the Authentication Type. Select TKIP or AES encryption. Enter the WPA Pre-Shared Key.



- d. Click "OK". Be careful, if the WPA Pre-Shared Key entered is not correct, you won't be able to exchange any data frames, even though the AP can be connected.



4. At last, if you want to know more using method of RaUI, you could refer to the help file by click the question mark  at the top right corner of RaUI to open it.



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 or more 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: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device is restricted to indoor use when operated in the 5.15 to 5.25 GHz frequency range.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

The final end product must be labeled in a visible area with the following " Contains TX FCC ID:

RYK-WUBR508N ".

Antenna information

Ant. No.	PL	Ant. Port <small>[Ant No. X connect to Ant. Port Y]</small>	Ant. Cat.	Ant. Type	Brand	Model	G _{ANT} (dBi)	DG (dBi)	DG (dBi)
								<small>[correlated]</small> N _{TX} = 1	<small>[uncorrelated]</small> N _{TX} = 2
1	1	1	External	Dipole	Lct	FDE_ACBSMA-BGP	3.67	N/A	3.7
	1	2	External	Dipole	Lct	FDE_ACBSMA-BGP	3.67		
2	1	1	External	Dipole	Lct	FDE_ACBSMA-BGP	5.97	N/A	6.0
	1	2	External	Dipole	Lct	FDE_ACBSMA-BGP	5.97		
3	1	1	Internal	Printed	SparkLAN	WUBR-508N	3.79	N/A	3.8
	1	2	Internal	Printed	SparkLAN	WUBR-508N	3.79		
4	1	1	Internal	Printed	SparkLAN	WUBR-508N	6.64	N/A	6.64
	1	2	Internal	Printed	SparkLAN	WUBR-508N	6.64		