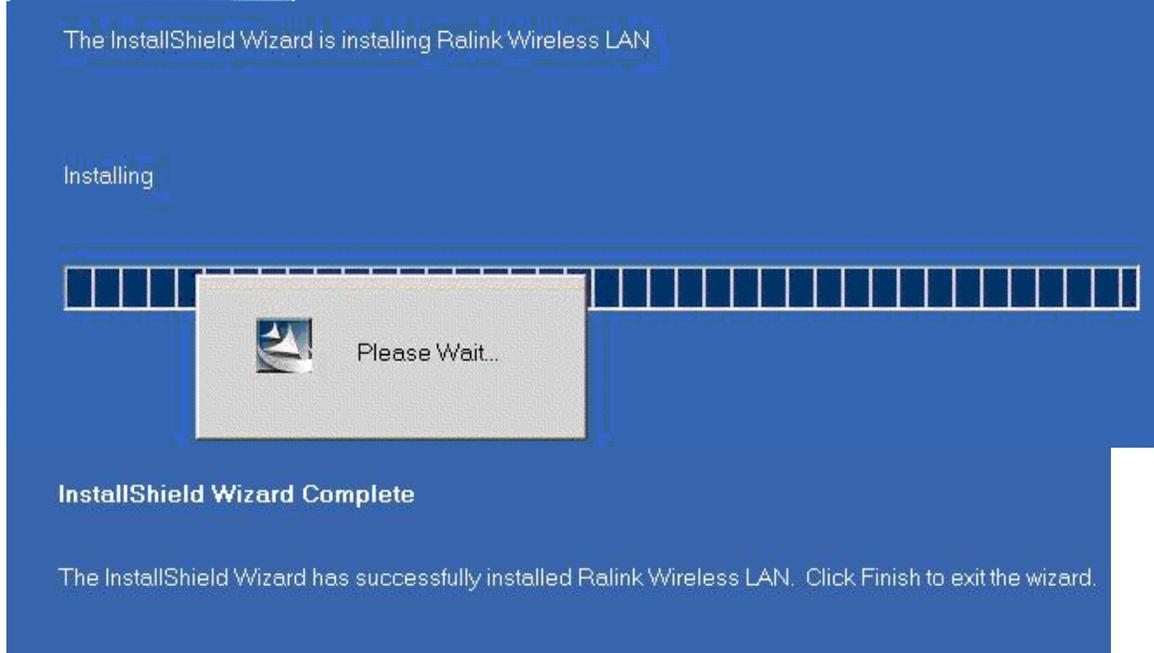
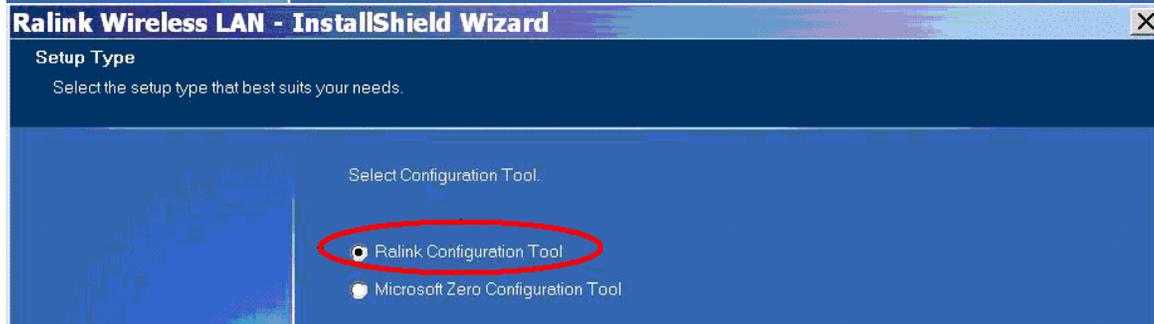
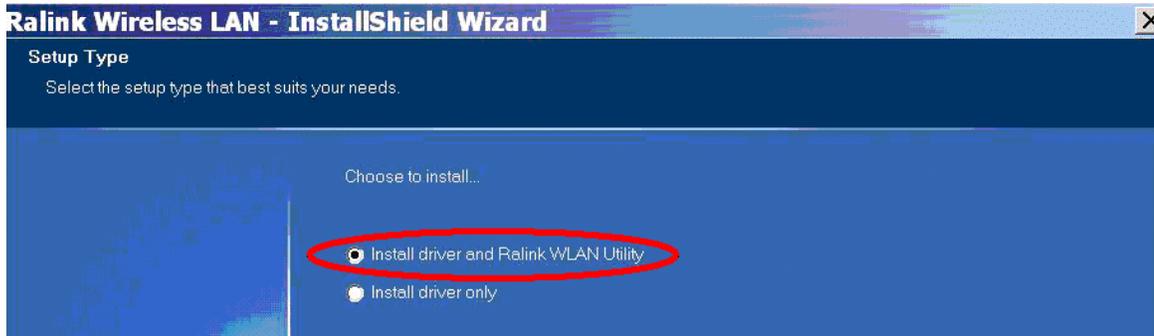


802.11b/g/n USB dongle
AWUN3121 / ARGtek
Quick User Manual Guide

Step 1: RaUI (Ralink Utility) Installation



You can double click a small Ralink icon appears in the notifications area of the

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taskbar to maximize the dialog box or you may also click the mouse's right button to close RaUI.

Step 2: Start RaUI (Ralink Utility)

When starting RaUI, the system will connect to the AP with best signal strength without setting a profile or matching a profile setting. The AP list includes most used fields, such as SSID, network type, channel used, wireless mode, security status and the signal percentage.

The screenshot displays the RaUI interface with the following components:

- Navigation Bar:** Network, Advanced, Statistics, WMM, WPS, Radio on/off, About, Help.
- AP List Table:**

SSID	Channel	Signal	AP List
corega-ryan	1	15%	[b] [g] [n] [WPS]
dlink	6	15%	[b] [g] [WPS]
Emallfly_02	11	34%	[b] [g] [WPS]
hong	6	24%	[b] [g] [WPS]
ken_chen	1	15%	[b] [g] [WPS]
SMC	6	44%	[b] [g] [n] [WPS]

Connection Statistics (SMC):

- Status: SMC <--> 00-13-F7-8E-63-93
- Extra Info: Link is Up [TxPower:100%]
- Channel: 6 <--> 2437 MHz; central channel : 6
- Authentication: Open
- Encryption: NONE
- Network Type: Infrastructure
- IP Address: 192.168.2.102
- Sub Mask: 255.255.255.0
- Default Gateway: 192.168.2.1

Performance Metrics:

- Link Quality: 88%
- Signal Strength 1: 54%
- Signal Strength 2: 10%
- Noise Strength: 26%
- Transmit Link Speed: 26.0 Mbps
- Throughput: 43.376 Kbps
- Receive Link Speed: 39.0 Mbps
- Throughput: 46.084 Kbps

1. Functional Section:

Profile page: The list keeps a record of your favorite wireless settings or others hotspots. You can activate either one on the preference list for quick connection.

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The screenshot displays the software interface for the AWUN3121 / ARGtek USB dongle. The top navigation bar includes icons for Profile, Network, Advanced, Statistics, WMM, WPS, Radio on/off, and About. The Profile List section shows a table with one entry: PROF1 with SSID SMC. Below the table are buttons for Add, Edit, Delete, and Activate. The System Config section is open, showing fields for Profile Name (PROF1) and SSID (SMC). The Network Type dropdown is set to Infrastructure, and the Tx Power dropdown is open, showing options for Ad hoc and Infrastructure. The Power Save Mode section has radio buttons for CAM and PSM, both of which are selected. There are also sliders for RTS and Fragment thresholds.

Profile List

Profile Name	SSID
PROF1	SMC

System Config

Profile Name >> PROF1
SSID >> SMC

Network Type >> Infrastructure
Tx Power >> Ad hoc
Preamble >> Infrastructure

Power Save Mode >> CAM PSM

RTS Threshold 0 2347
 Fragment Threshold 256 2346

OK Cancel

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Advanced page:

Wireless mode >> 2.4G

Enable CCX (Cisco Compatible eXtensions)

- Turn on CCKM
- Enable Radio Measurements
- Non-Serving Channel Measurements limit: 250 ms(0-2000)

Enable TX Burst

Enable TCP Window Size

Fast Roaming at -70 dBm

Show Authentication Status Dialog

Select Your Country Region Code

11B/G >> 5: CH1-14

Apply

Status >> 5: CH1-14

Extra Info >> 6: CH3-9

Channel >> 7: CH5-13

Authentication >> Open

Link Quality >> 90%

Signal Strength 1 >> 55%

Signal Strength 2 >> 5%

Noise Strength >> 26%

Statistics page:

Transmit Receive

Frames Received Successfully	=	797
Frames Received With CRC Error	=	4407
Frames Dropped Due To Out-of-Resource	=	0
Duplicate Frames Received	=	0

Reset Counter

WMM page:

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WMM Setup Status

WMM >> Enabled Power Save >> Enabled Direct Link >> Enabled

WMM Enable

WMM - Power Save Enable

AC_BK AC_BE AC_VI AC_VO

Direct Link Setup Enable

MAC Address >> Timeout Value >> sec

WPS page:

WPS AP List

ID	SMC	00-13-F7-8E-63-93	6
ID	dlink	00-1B-11-23-EA-5D	6

WPS Profile List

 WPS Associate IE Progress >> 0%

 WPS Probe IE

Auto

Config Mode

Enrollee

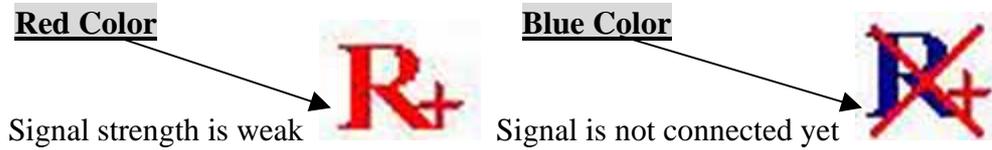
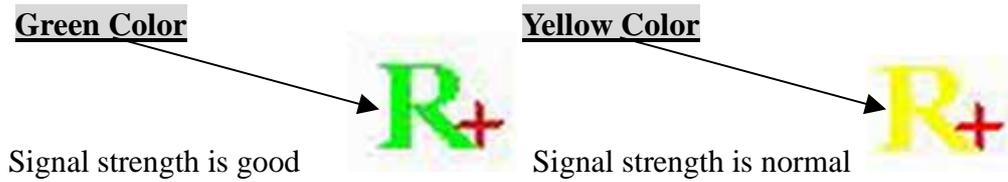
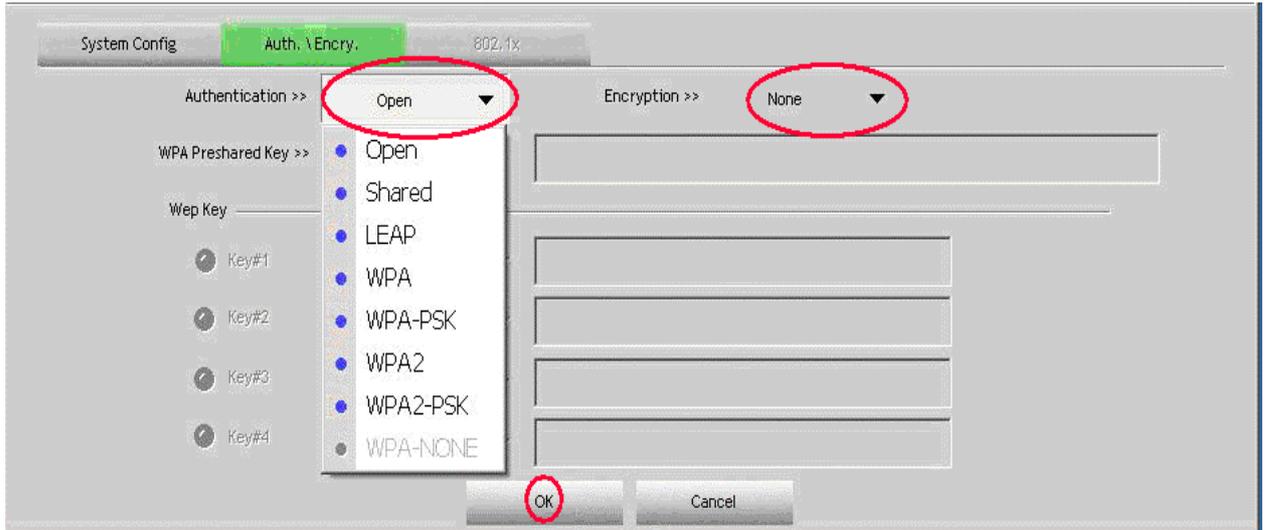
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Registrar

2. Status Section:

Authentication Status

802.11b/g/n USB dongle
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802.11b/g /n USB dongle
AWUN3121 / ARGtek

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 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 installation. , May cause harmful interference to radio communication. 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

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

FCC RF radiation exposure statement:

- 1.This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
- 2.this equipment complies with FCC RF radiation exposure limits ser 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 .