BAS BEST ANTENNA SOLUTIONS

# Indoor USB Wi-Fi antenna WiFiAgent

QUICK USER GUIDE

Thank you for choosing the Indoor USB WiFi antenna WiFiAgent! It has been developed by a team of engineers determined to continue the tradition of excellence and innovation of REMO-Electronics products.
The Indoor USB Wi-Fi antenna WiFiAgent is made of high-quality materials in accordance with thoroughly detailed design. The quality management system is certified by ISO 9001:2011.

The antenna can be installed either on a table, or a shelf, or nearby a window, or any other horizontal surface. You won't even need any tools!

The WiFiAgent will improve the signal strength, as well as steadiness and accuracy of data transmission on 2400MHz wireless network. Built-in Wi-Fi adapter can provide the connection speed up to 150Mbps. A practical range of connection up to 1000 meters. Built-in Wi-Fi antenna adapter of WiFiAgent is compatible with Microsoft Windows XP/7/8/10 and different OS dased on Linux.
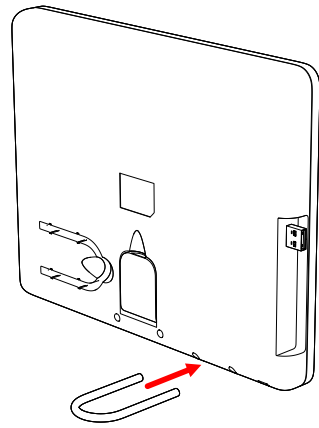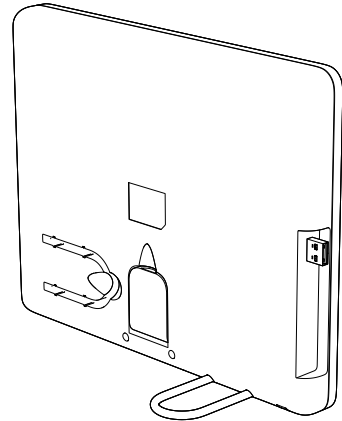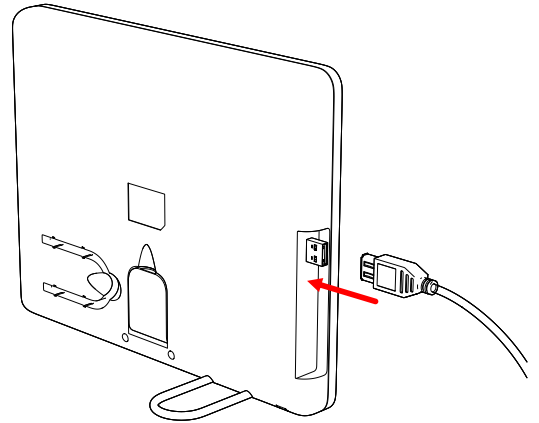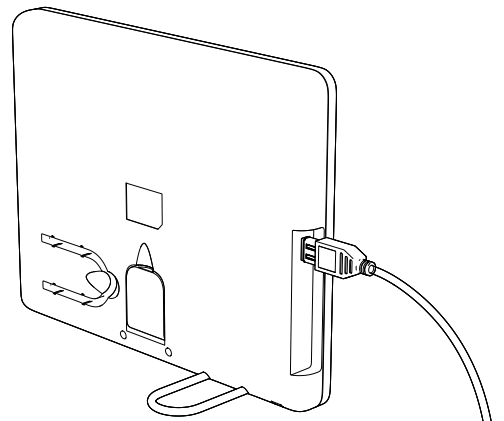
Start
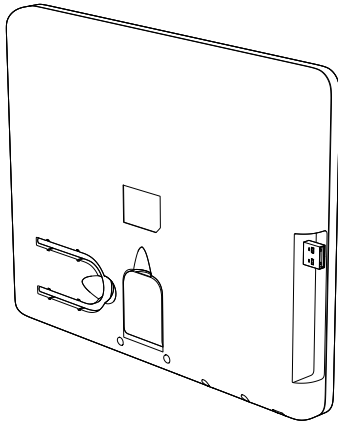
Step 1
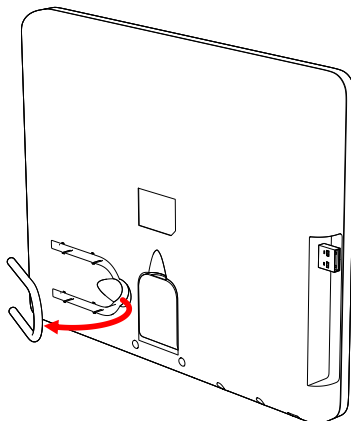
Step 2

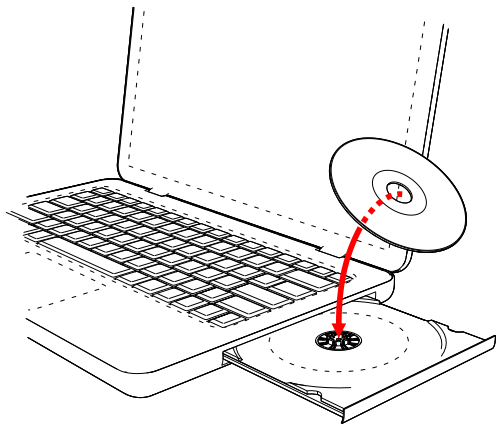**Step 3**

Step 4

Step 5

Step 6
**Insert
Install
Reboot**

Finish
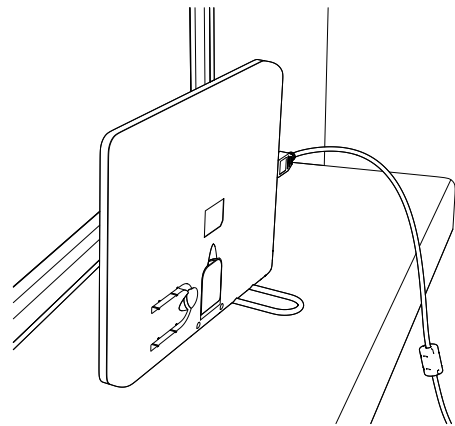
Step 7

Step 8
Run App

AB:CD:EF:LM
AB:CD:EF:LM
AB:CD:EF:LM
AB:CD:EF:LM
AB:CD:EF:LM
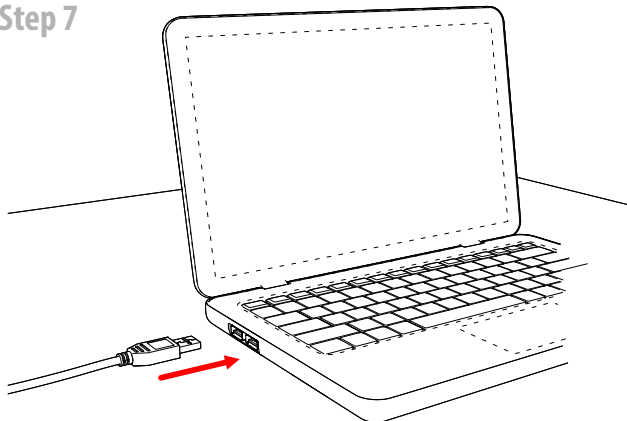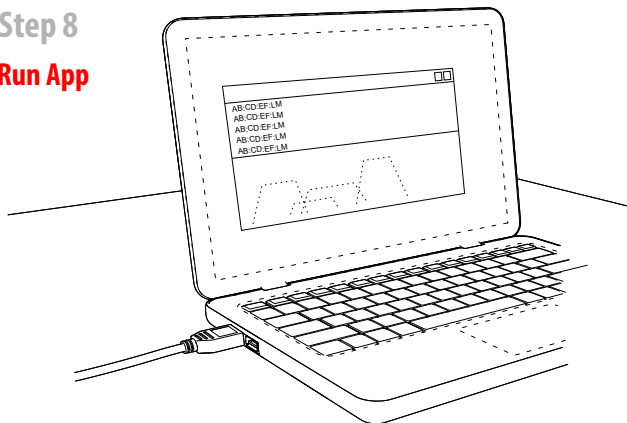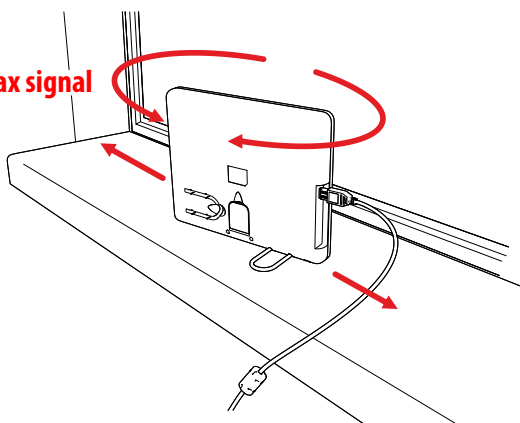
In order to gain maximum signal, we recommend to use special utilites, which are able to scan Wi-Fi network and display detailed information for each wireless network that are within range of WiFiAgent.

As an example, we can specify the following utility (for installation on portable or stationary PC):
for Windows:
WirelessNetView (www.nirsoft.net/utils/wireless_network_view.html)
NetSpot (www.netspotapp.com/netspot-windows.html)
Free Wi-Fi Scanner (lizardsystems.com/wi-fi-scanner/)
for Linux:
LinSSID (sourceforge.net/projects/linssid/)
iwScanner (kuthulu.com/iwscanner/index.php)
for OS X:
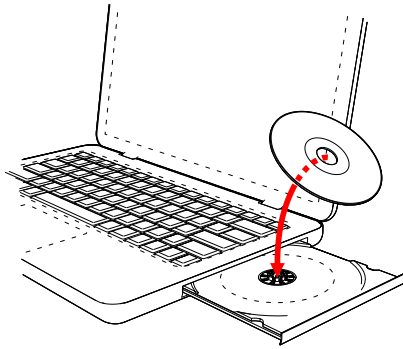NetSpot (www.netspotapp.com)

Attention! These utilities can be presented as a demonstration and have the status of Shareware Trial Version with a limited trial period of use. Shareware programs may restrict commercial use, and periodically to remind the user about payment.

Step 9
Find max signal

This product comes with one year warranty against any defects in labor or materials. REMO-Electronics warrants this product is free from defects in material and workmanship for a period of one year from date of purchase. Our obligation under this warranty is limited to repair or replacement of any parts or workmanship that prove to be defective upon inspection. This warranty does not apply to normal wear and tear as well as to damages resulting from shipment, alteration or misuse of the product.

**REMO-Electronics, P.O.Box 500, Saratov, 410052, Russia
www.remo-electronics.com**

Appendix 1. Using the utility Realtek

Installation utility and driver

1

2

3

REALTEK USB Wireless LAN Driver and Utility

REALTEK USB Wireless LAN Driver and Utility

The InstallShield Wizard will install REALTEK USB Wireless LAN Driver and Utility on your computer. To continue, click Next.

< Back | Next | Cancel

4

REALTEK USB Wireless LAN Driver and Utility

Setup Status

REALTEK USB Wireless LAN Driver and Utility is configuring your new software installation.

Installing

C:\...\REALTEK\USB Wireless LAN Utility\RTWAdmin.exe

InstallShield

Cancel

5

Now installing REALTEK USB Wireless LAN Utility

6

REALTEK USB Wireless LAN Driver and Utility

InstallShield Wizard Complete

The InstallShield Wizard has successfully installed REALTEK 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.

< Back | Finish | Cancel

Connection to existing networks

1

REALTEK USB Wireless LAN Utility

Run the utility by double-clicking

2

Active mode: the Station

Click on the "Available network"

3
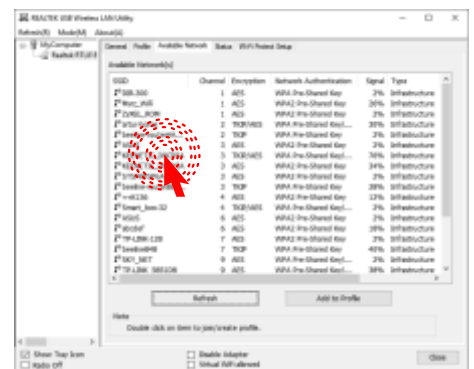
Select the network to which you want to connect

4

Wireless Network Properties:

If necessary, enter the password...

... or Network key
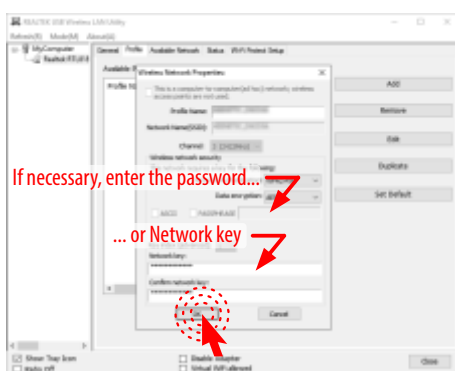
Confirm the network and its parameters.

5

Use information about the signal level for setting the direction of the "WiFiAgent"
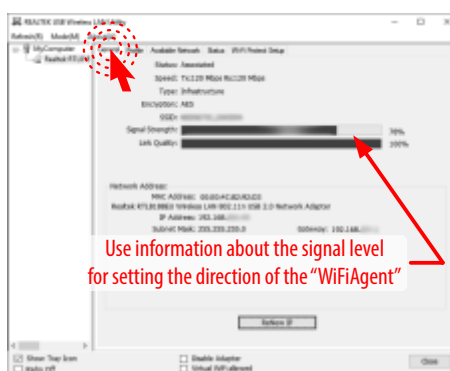
Click on the "General"

6

1 ⚠ Before switching to Access Point mode
- disable the Windows firewall

**REALTEK USB
Wireless LAN
Utility**

Run the utility by double-clicking

2 Select mode: The Access Point
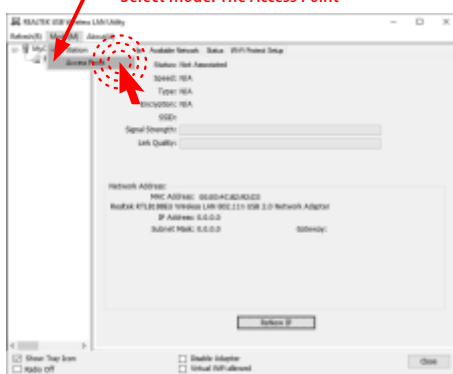
3
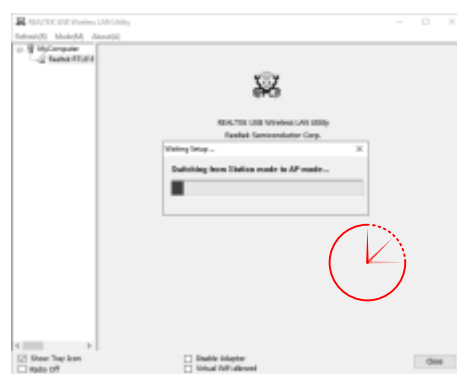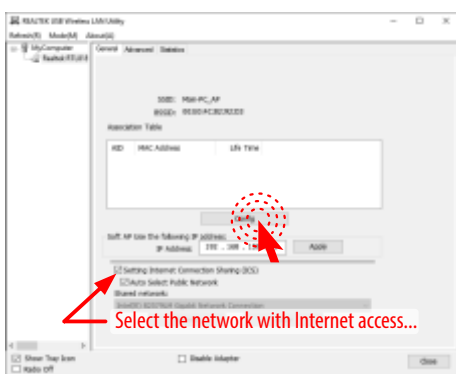
Wait for switching the operation mode

4

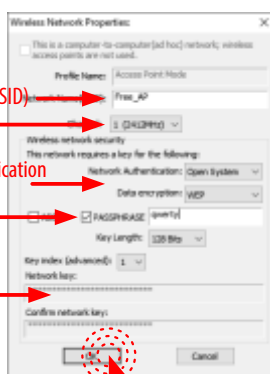Select the network with Internet access...

... and then click "Config"

5

Select Network Name (SSID)
Select Channel

Select Network Authentication
and Data Encryption
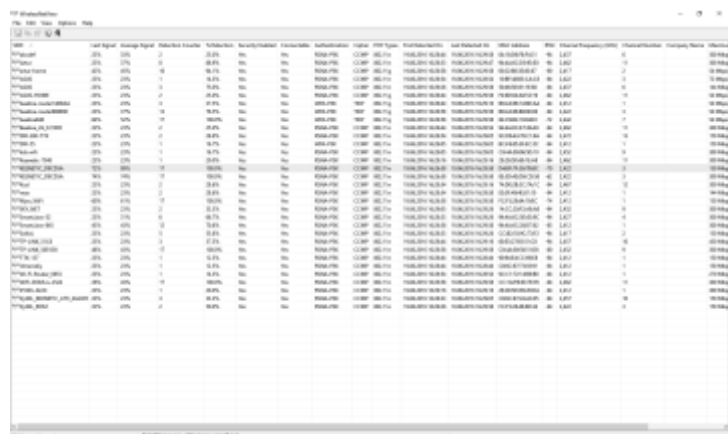Enter Passphrase...

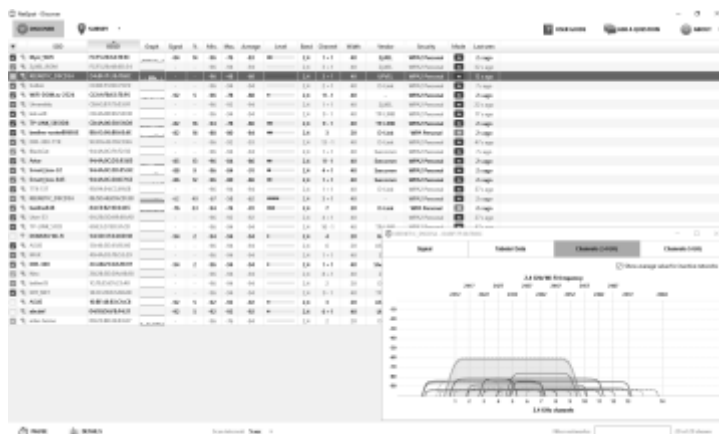... or Network key

Confirm the wireless network settings

6

left-click

Make sure you have the Internet
Connection Sharing

Appendix 2. Utilities for searching and analyzing Wi-Fi networks

WirelessNetView (www.nirsoft.net/utils/wireless_network_view.html)

NetSpot (www.netspotapp.com/netspot-windows.html)

Free Wi-Fi Scanner (lizardsystems.com/wi-fi-scanner/)

Wi-Fi Analyzer (The Store in Windows 10)