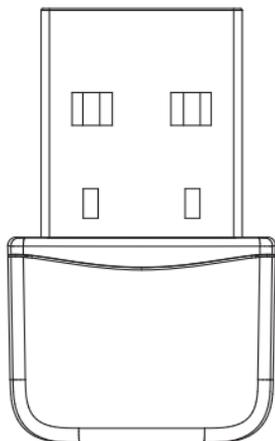


amazonbasics



802.11b/g/n 150 Mbps USB WLAN Adapter

Adaptateur WLAN USB 802,11 b/g/n, 150 Mbps

802,11b/g/n 150Mbps USB-WLAN-Adapter

Adattatore WLAN USB 802,11b/g/n 150Mbps

Adaptador WLAN USB 802,11b/g/n 150Mbps

802.11b/g/n 150Mbps USB WLAN アダプター

B06XSFPDFX



■	English	3
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802.11b/g/n 150Mbps USB WLAN Adapter

Contents:

Before getting started, ensure the package contains the following components:

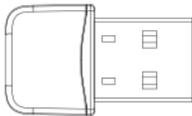
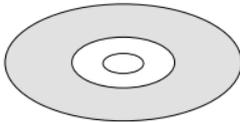
Part		Qty
A		1
B		1

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FCC Statement

1. 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.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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 Note:

For this device, the highest reported SAR value for usage near the body is 0.179 W/kg. While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirements. SAR compliance for body-worn operation is based on a separation distance of 5 mm between the unit and the human body. Carry this device at least 5 mm away from your body to ensure RF exposure level compliant or lower to the reported level. To support body-worn operation, choose the belt clips or holsters, which do not contain metallic components, to maintain a separation of 10 mm between this device and your body. RF exposure compliance with any body-worn accessory, which contains metal, was not tested and certified, and use such body-worn accessory should be avoided.

IC Notice To Canadian Users

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device. This device complies with RSS-247 of Industry Canada. Operation is subject to the condition that this device does not cause harmful interference. This Class B digital apparatus complies with Canadian ICES-003 (Cet appareil numérique de la Classe B conforme à la norme NMB-003 du Canada).

The SAR limit of CANADA (IC) is 1.6 W/kg averaged over one gram of tissue. Device types AmazonBasics 150M Wi-Fi Adapter (IC:10828A-B06XSFPDFX) has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification when properly worn on head is 0.217/kg.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

La limite SAR du CANADA (IC) est de 1,6 W / kg en moyenne sur un gramme de tissu. Types de périphériques L'adaptateur Wi-Fi 150M de AmazonBasics (IC: 10828A-B06XSFPDFX) a également été testé en fonction de cette limite SAR. La valeur SAR la plus élevée rapportée selon cette norme lors de la certification du produit lorsqu'il est correctement porté sur la tête est de 0,217 / kg.

Notice To EU Users

Max RF power level:

Wifi (2412-2472 MHz): 17.8 dBm

The SAR limit of Europe is 2.0 W/kg. Device types mobile phone has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for use when properly worn on the body is 0.123 W/kg. This device was tested for typical body-worn operations with the back of the handset kept 5mm from the body. To maintain compliance with RF exposure requirements, use accessories that maintain a 1.5cm separation distance between the user's body and the back of the handset. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with RF exposure requirements, and should be avoided.

Low Voltage Directive (2014/35/EU)

- EN 60950-1:2006/A11:2009/A1:2010/A12:2011/A2:2013

The Radio Equipment Directive (2014/53/EU):

- ETSI EN 300 328 V2.1.1(2016-11)
- ETSI EN 301 489-1 V2.2.0(2017-03)/ETSI EN 301 489-17 V3.2.0(2017-03)SI EN 301 908-13 V11.1.1(2016-07)
- Hereby, Amazon EU S.à.r.l., 5 Rue Plaetis, L-2338 Luxembourg declares that the radio equipment type (AmazonBasics Wi-Fi 11N USB Nano Adapter, 150 Mbps, Black, B06XSFPDFX) is in compliance with Directive 2014/53/EU.
- The full text of the EU declaration of conformity is available at the following internet address: <https://www.amazon.co.uk/dp/B06XSFPDFX>.



Notice: Observe the national local regulations in the location where the device is to be used.

Disposal



Electronic devices are recyclable waste and must not be disposed of in the household waste.

Dispose of this equipment using a designated collection point for the recycling of electrical and electronic equipment

Safety

- Read this instruction manual carefully before using the product. It contains important information for your safety as well as operating and maintenance advice.
- Keep this instruction manual for future use. Should this product be passed on to a third party, then this instruction manual must be included.
- No liability will be accepted for damage resulting from improper use or non-compliance with these instructions.
- This product contains no user serviceable parts and requires little maintenance. Leave any servicing or repairs to qualified personnel only.
- The appliance is not suitable for commercial use. This appliance is only suitable for household use.
- This appliance is intended for indoor use only.
- Keep this product and its accessories away from small children. This product is not a toy and may be hazardous to small children. A choking hazard may exist for small, detachable parts.

Introduction

Thank you for purchasing the AmazonBasics Wi-Fi 11n USB Nano Adapter, 150 Mbps, Black. This wireless adapter is easy to use and easy to setup. If you have been tired of dealing with all those messy wires to connect a laptop or PC to office or home network, this wireless adapter is an ideal access solution for wireless Internet connection.

A typical internet access application for the USB wireless adapter is shown as the following figure:



There are two different ways to access Internet:

- With a wireless adapter, receiving and transferring signal via a wireless router/AP, then passed to an ADSL modem, then to local ISP (Internet service provider) through a pair of telephone lines, or connected by fiber cable.
- With a wireless adapter, receiving and transferring signal via local router/AP (Access Point) or so called Hotpoint directly.

Tip: An 802.11 WLAN is based on a cellular architecture where the system is subdivided into cells, where each cell (called Basic Service Set or BSS) is controlled by a Base Station (called Access Point, or in short AP).

Mac setup

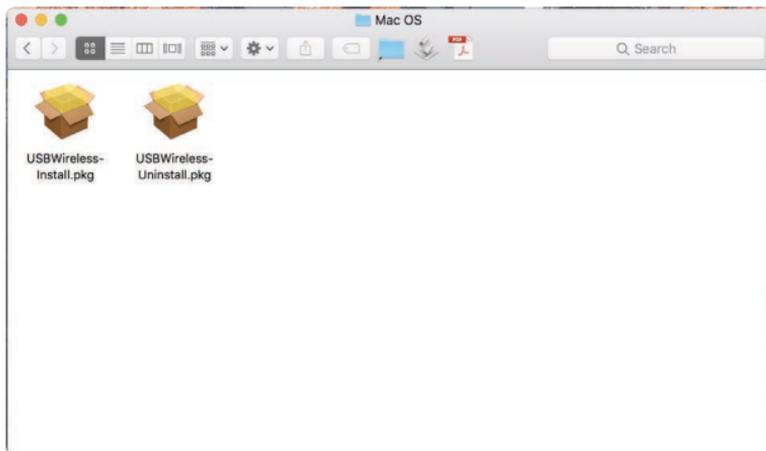
Install the software

Note: If you have installed the WLAN Adapter driver & utility before, uninstall the previous version first.

A Insert the Software CD into the CD-ROM Drive.

B Go to: CD-ROM Drive -> 150 M Wi-Fi Adapter -> Mac OS

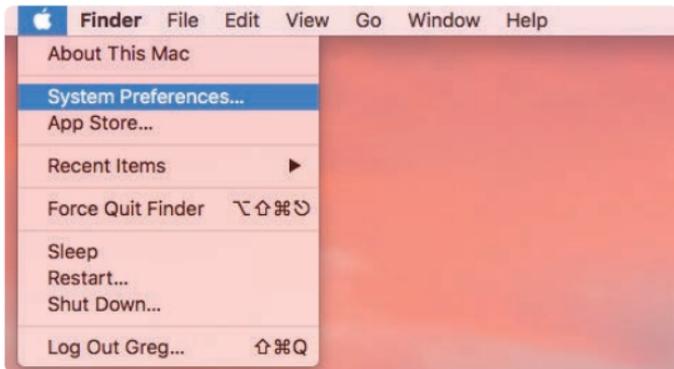
C Double click on the file "USBWireless-Install.pkg" to start the installation.



- D** In case the system security settings not allow to open the file, follow the steps E through G. First close the dialog by clicking "OK".



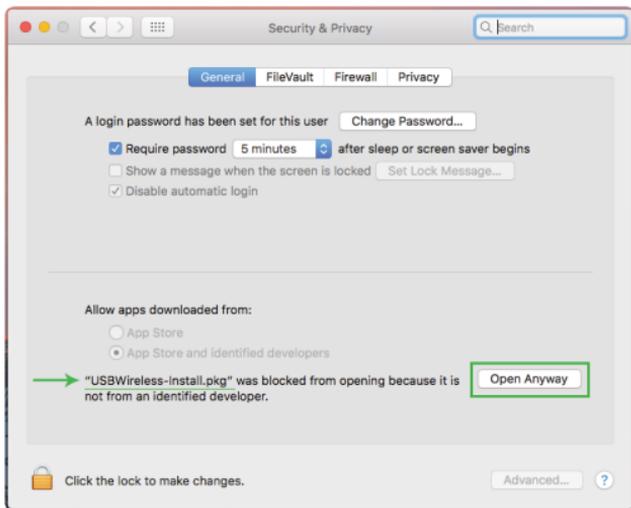
- E** Open "System Preferences...".



F Open “Security & Privacy” tab.

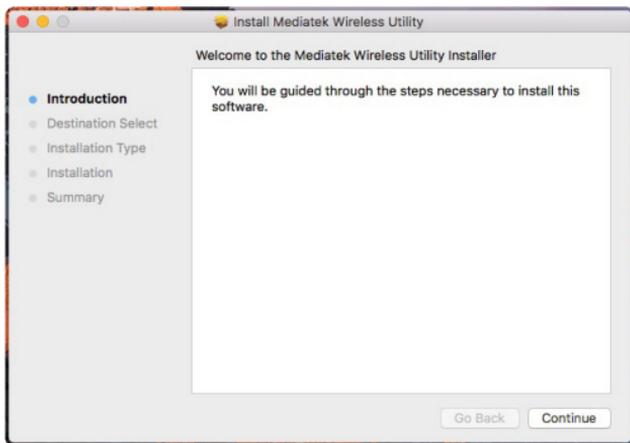


G Make sure that the file “USBWireless-Install.pkg” is listed, and click “Open Anyway”. Enter the system password if required.

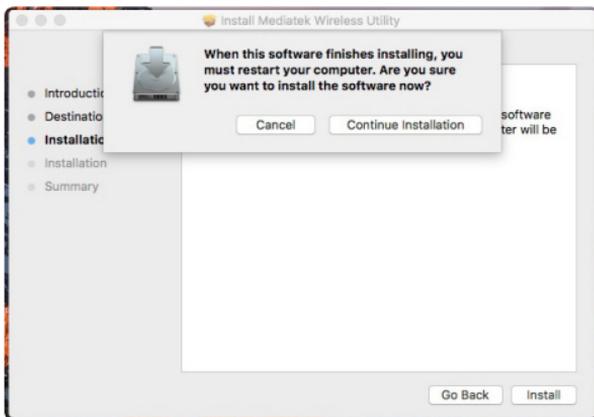




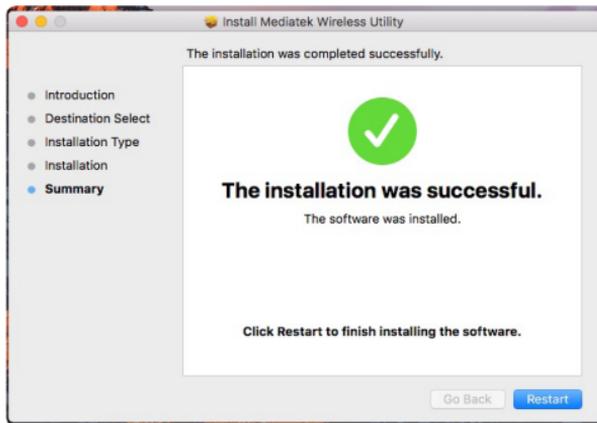
The Installation window with the introduction pops up. Click on “Continue”.



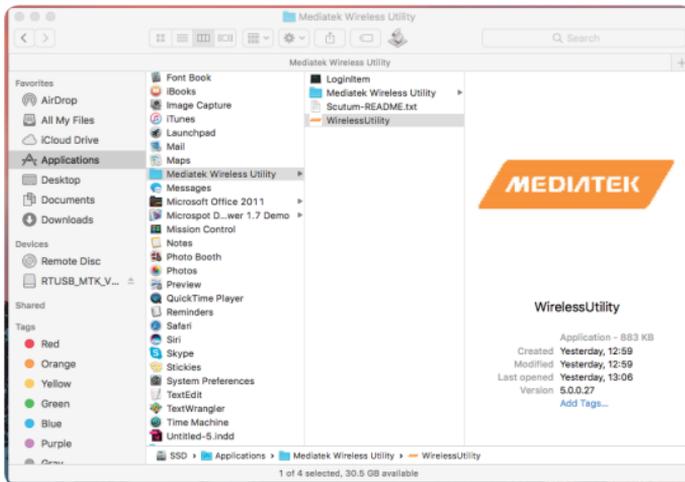
Confirm the prompt by clicking on “Continue Installation”. The Installation process begins.



J After the installation, restart the computer by clicking on "Restart"



K Open system finder and go to: Applications -> Mediatek Wireless Utility -> WirelessUtility.
To open the applications double-click on Wireless Utility.app



L

Open the application by using the utility icon shown at the right corner of the menu bar.



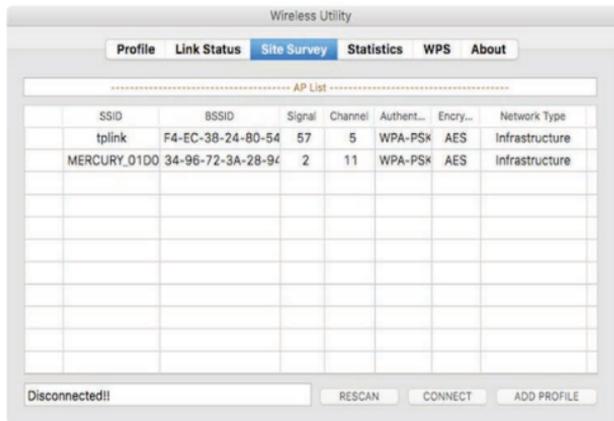
M

Click on the icon and “Open Wireless Utility”.

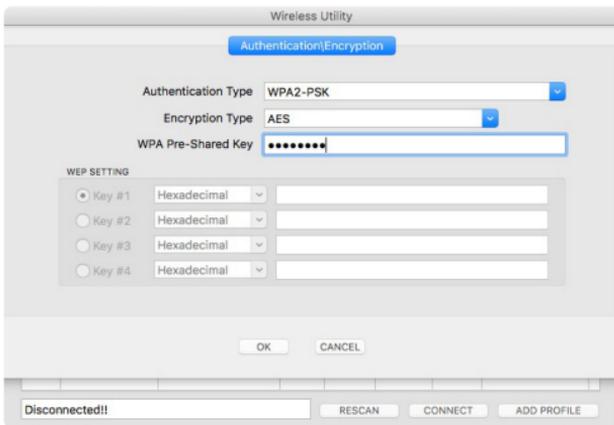


Connecting to the network

A Open “Site Survey” tab to see all available wireless networks. If needed, click on “RESCAN” to search again for available networks. Select a network and click on “CONNECT”.

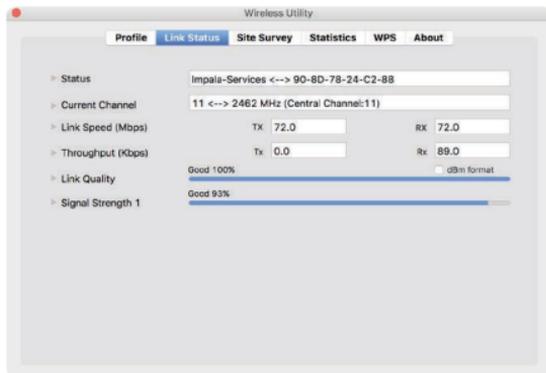


B The authentication window will appear next. Usually you do not have to change the settings for Authentication Type or Encryption Type.



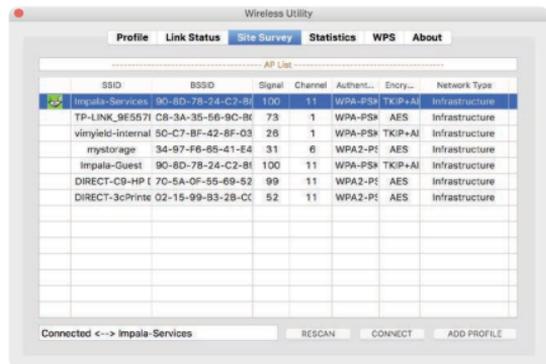


Click on “Link Status” for additional information about the status, current channel, link speed, link quality and strength of the current signal.



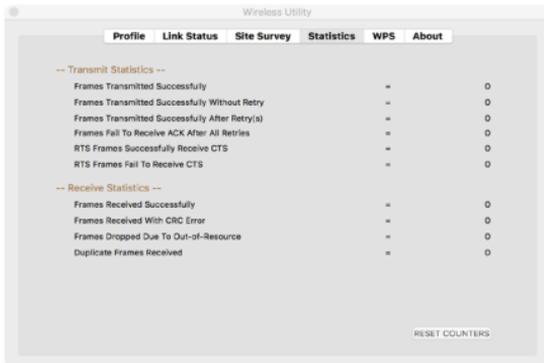
Click “Site Survey” for accessing the list of currently available networks.

- **RESCAN** Rescan the Wi-Fi search
- **CONNECT** Connect to the particular Wi-Fi network
- **ADD PROFILE** Add a Wi-Fi network profile manually

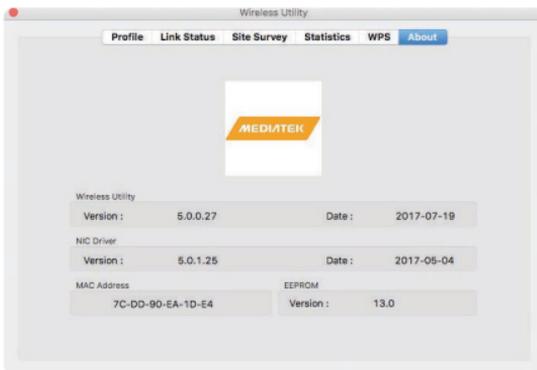


G Click on "Statistics" to for additional information about the connection statistics.

- [RESET COUNTERS](#) Reset all the current statistics



H Click on "About" for software information



PC Setup

Installing The Driver And Utility

Before proceeding with the installation, please note:

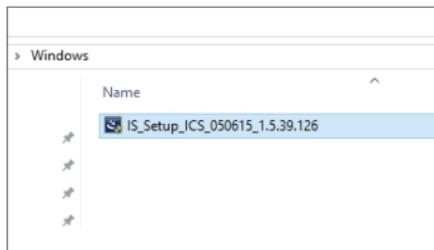
Note 1: The following installation was done under Windows 10®.

Note 2: If you have installed the WLAN Adapter driver & utility before, please uninstall the previous version first.

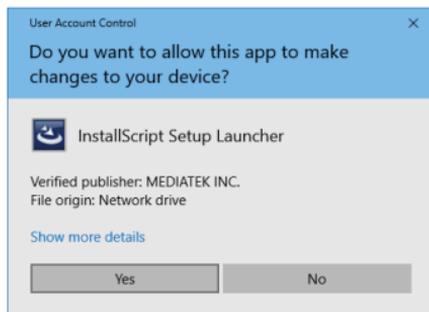
A Insert the software CD to the CD-ROM Drive.

B Go to: CD-ROM Drive -> 150 M Wi-Fi Adapter -> Windows

C Double click on the file  named "IS_Setup_ICS..." to start the installation.

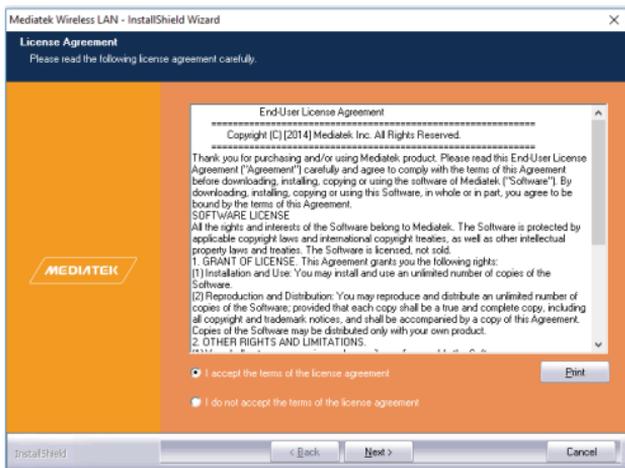


D Grant permission to the app to make changes to your adapter by clicking "Yes".



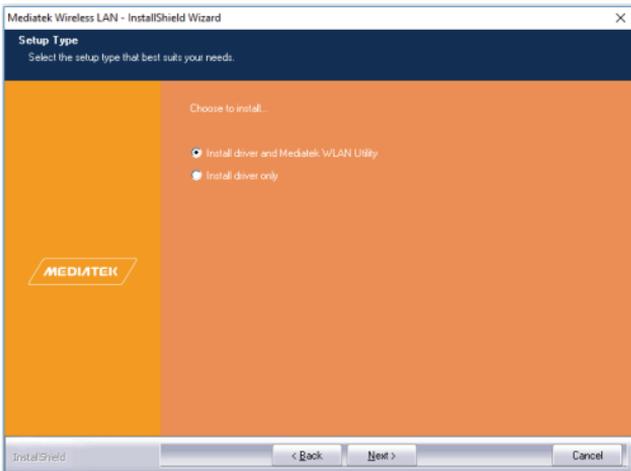
E

Accept the terms of the licence agreement and click “Next”.

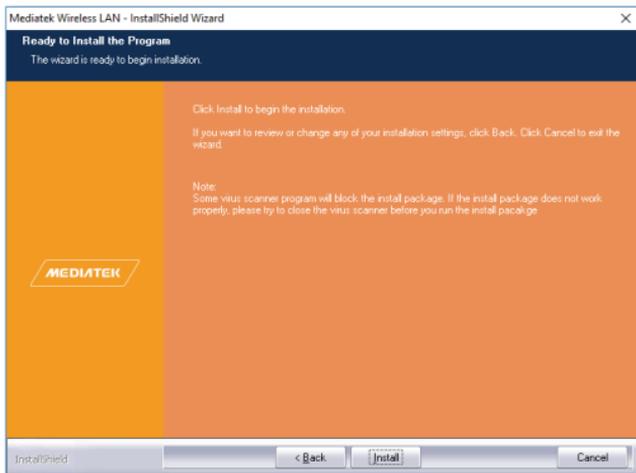


F

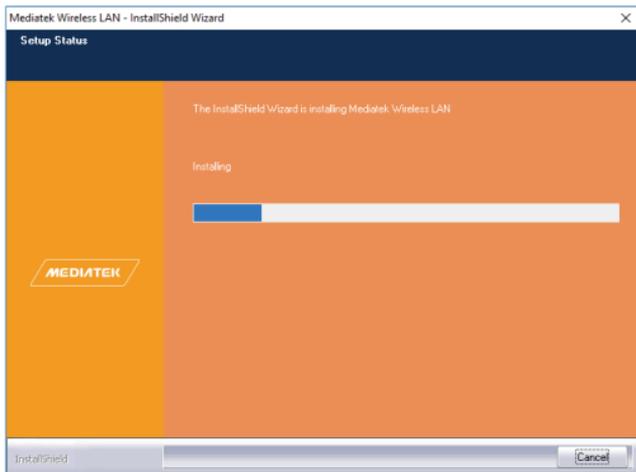
Select preferred installation package and click “Next”.



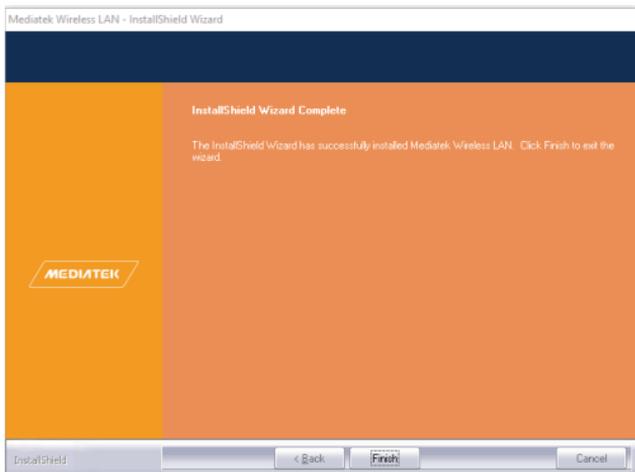
G Click “Install” to begin the installation.



H An installation progress bar is shown. Wait while the software is being installed.



Click "Finish" to complete the installation.



English

Français

Deutsch

Italiano

Español

日本語

System Connection

English

Français

Deutsch

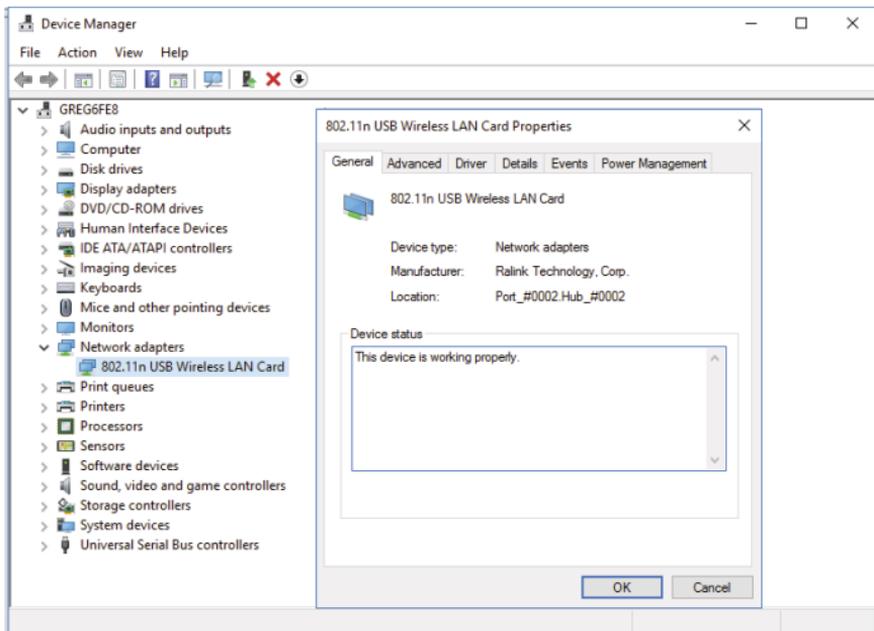
Italiano

Español

日本語

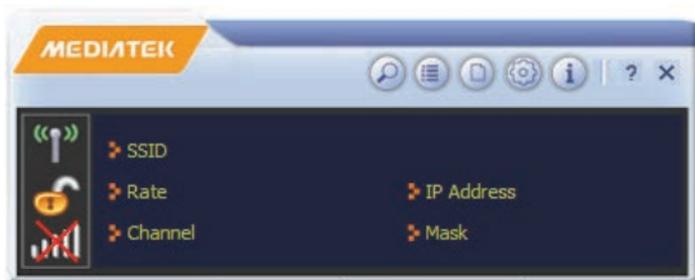
Check Device Status

- After the installation is completed, a **Wireless Configuration Utility**  will appear on the taskbar.
- Plug the product into the USB 2.0 port.
- After plugging in, the blue LED indicator on the adapter flashes twice. At the same time, the grey cross on the icon turns red  to indicate that the adapter is connected but without any WLAN connection.
- To check adapter properties, open **Device Manager** and double click on the adapter name “802.11n USB Wireless LAN Card” to check further details.

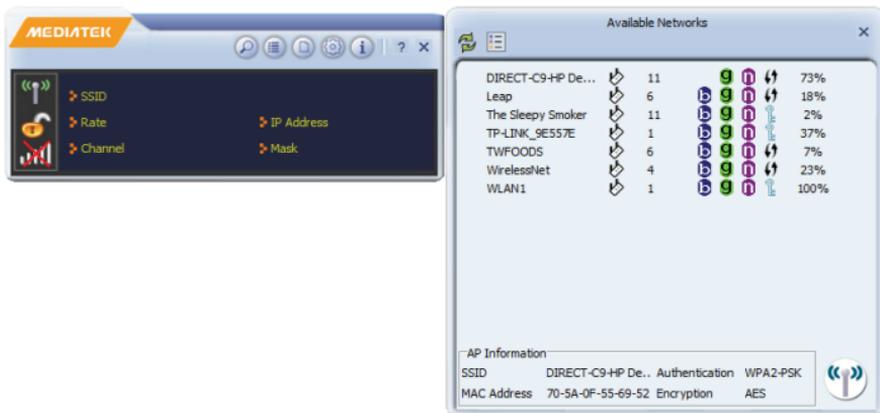


Device Connection

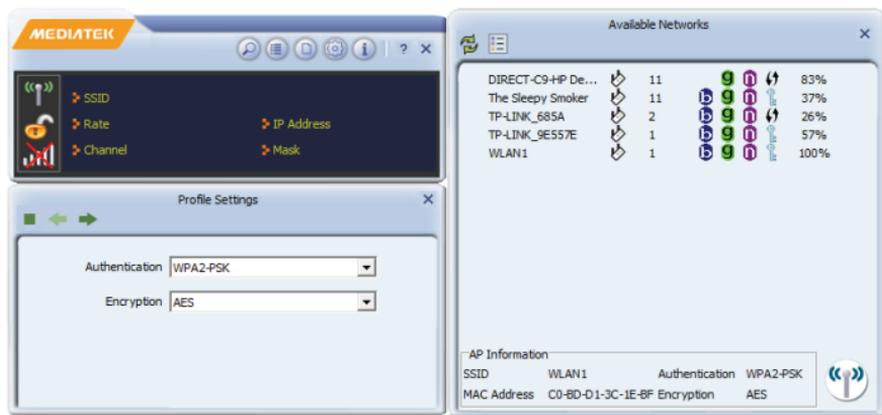
A Double-click or right-click on  icon and choose "Launch Config Utility".



B Click the  icon to show all available wireless networks:

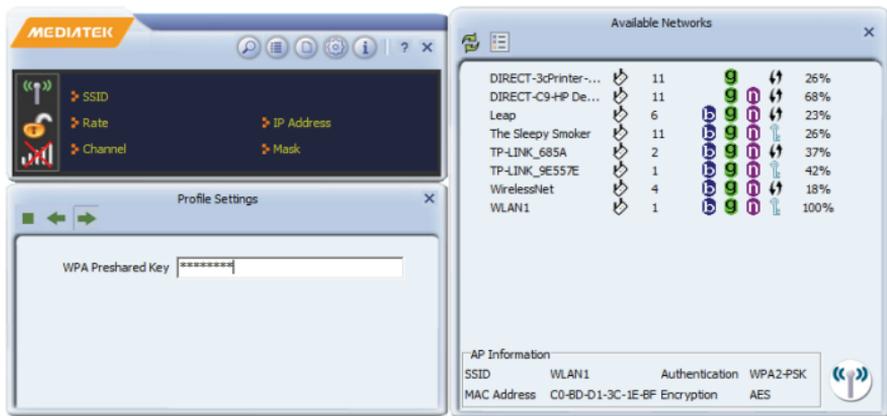


- C Double-click on the wireless network you wish to connect to. The access point information of that network is shown on the bottom of the window for reference.

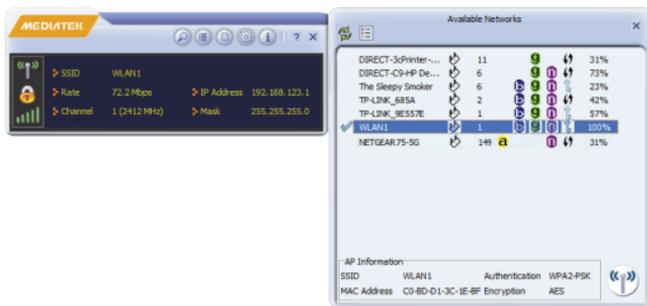


- If the wireless network password has not been set, the adapter auto-connects and the basic information of that network are shown in the main window.
- If the wireless network password has been set, the "Profile Settings" window pops up. Choose the authentication and encryption type. Click  to input the wireless network password.

D Enter password and click  to confirm. If the password is correct the connection is established automatically.



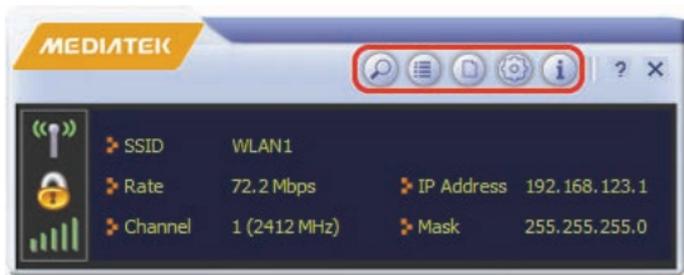
- An  icon appears next to the connected network.
- 5G Networks are flagged with icon .



E Click on the antenna  to disconnect from the connected network.

Main Menu

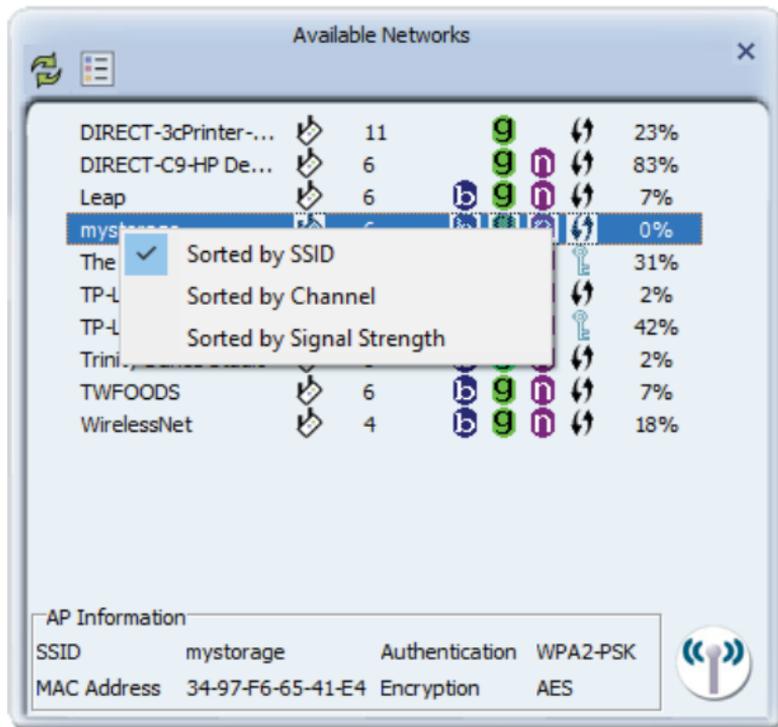
The main menu displays basic information about the connected network, such as SSID, IP address, connection speed, channel, and subnet mask address.



Click on this symbol to enable/disable the Wi-Fi adapter.

F  Click on this icon to search all usable wireless networks. A pop-up window appears and lists all the available networks.

Tip: Right-click on the “Available Networks” window to sort the list of available networks by SSID (Network name) / Channel / Signal Strength.



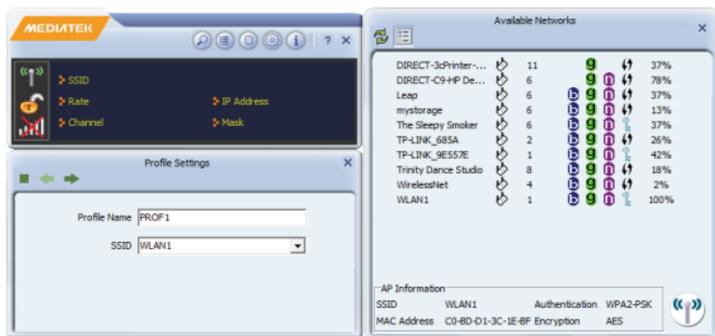
 Click on this icon to refresh the list of available networks.

 Click on this icon to connect/disconnect to the selected network.

G



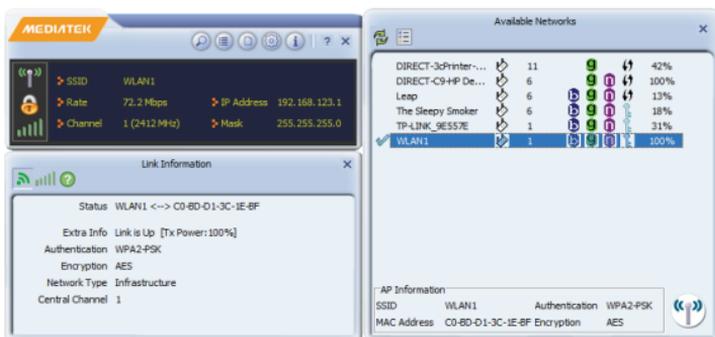
Click on this icon to open the “Profile Settings” window and modify the connection setup of the selected network. Click  to open connection setup window.



H



Click on this icon to open the “Link information” window for getting detailed information about the actual connection.



Shows the link information just like the window above.



Shows information about the connection (link quality, signal strength, transmit/receive rate) just like the window below.

MEDIATEK

SSID: WLAN1
Rate: 58.5 Mbps IP Address: 192.168.123.1
Channel: 1 (2412 MHz) Mask: 255.255.255.0

Link Information

Link Quality: 78 %
Signal Strength: -63 dBm

Transmit: Link Speed 58.5 Mbps, Throughput 6.176 Kbps
Receive: Link Speed 65.0 Mbps, Throughput 38.804 Kbps

Available Networks

Network Name	Signal Strength	Security	Encryption	Percentage
DIRECT-3cPrinter...	11	WPA2-PSK	AES	42%
DIRECT-C9-HP De...	6	WPA2-PSK	AES	100%
Leap	6	WPA2-PSK	AES	13%
The Sleepy Smoker	6	WPA2-PSK	AES	18%
TP-LINK_9E557E	1	WPA2-PSK	AES	31%
WLAN1	1	WPA2-PSK	AES	52%

AP Information

SSID: WLAN1 Authentication: WPA2-PSK
MAC Address: CO-BD-D1-3C-IE-6F Encryption: AES



Shows information about outgoing and incoming data.

MEDIATEK

SSID: WLAN1
Rate: 72.2 Mbps IP Address: 192.168.123.1
Channel: 1 (2412 MHz) Mask: 255.255.255.0

Link Information

Transmit: Transmitted Successfully = 413, Retransmitted Successfully = 354, Fail To Receive ACK After All Retries = 8
Receive: (No data shown)

Available Networks

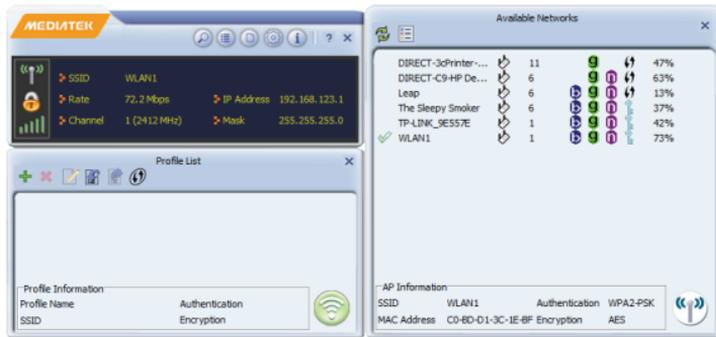
Network Name	Signal Strength	Security	Encryption	Percentage
DIRECT-3cPrinter...	11	WPA2-PSK	AES	47%
DIRECT-C9-HP De...	6	WPA2-PSK	AES	63%
Leap	6	WPA2-PSK	AES	13%
The Sleepy Smoker	6	WPA2-PSK	AES	37%
TP-LINK_9E557E	1	WPA2-PSK	AES	42%
WLAN1	1	WPA2-PSK	AES	73%

AP Information

SSID: WLAN1 Authentication: WPA2-PSK
MAC Address: CO-BD-D1-3C-IE-6F Encryption: AES



Click on this icon to show all profiles of saved network connection configurations.



Add a network connection profile.



Delete selected network connection profile.



Edit selected network connection profile.

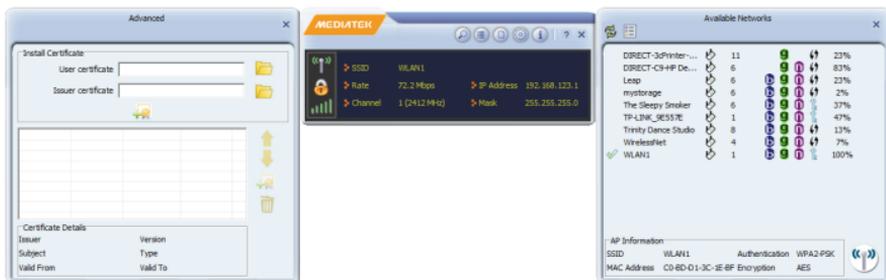


Import profile settings from a file.

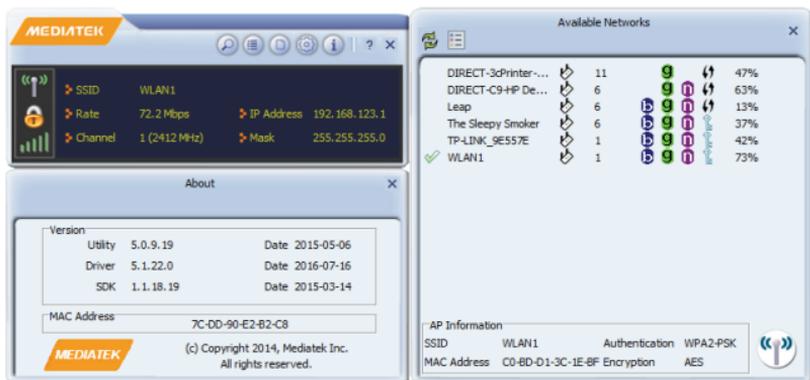


Export profile settings to a file.

J  Click on this icon to enter advanced setup. Here you can manage connection certificates. This functions are intended for advanced users only.

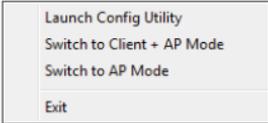


 Click on this icon to check the driver and utility version of the adapter along with the MAC address.



Operating Mode

There are 2 additional modes for the device. To select either **Client+AP** or **AP** mode, right-click on the adapter icon  on the taskbar.



Launch Config Utility
Switch to Client + AP Mode
Switch to AP Mode
Exit

Client+AP	The adapter connects to a WLAN and serves as a Wi-Fi hotspot simultaneously.
AP	The adapter creates a Wi-Fi hotspot.

Client+AP Mode

After selecting “Switch to Client+AP Mode”, the window below is displayed.



Enter the network name (SSID) and a network password. Confirm by clicking “OK”.

AP Mode

Select “Switch to AP Mode”.

In AP Mode, unlike Client+AP Mode, the adapter does not connect itself to another Wi-Fi hotspot.

While the AP Mode is activated the adapter icon changes to .

Note: To switch back to client mode, right-click on the adapter icon in the taskbar and choose “Switch to Client Mode”

Notice

Wi-Fi offers greater speed and range than Bluetooth, but it drains your portable device batteries a lot faster than Bluetooth does. In fact, if you use a Wi-Fi connection regularly on your laptop PC, you'll undoubtedly notice that you need to recharge more often. If you need to conserve battery life — on a long trip for example — turn off your Wi-Fi connection when you don't actually need it.

Security

Because wireless networks rely on radio signals to transmit data, they are not as secure as wire network wireless networks are susceptible to viruses and breaches like eavesdropping and need to be protected in order to be secure.

There are many security measures to safeguard wireless networks, protect the data, and keep unauthorized users out.

Hotspots, on the other hand, are often free of standard security practices in an effort to make it easy for anyone to connect. It may be found that some paid hotspots administered by service providers offer have some level of security, however, when using a hotspot, it's always a good idea to be proactive and to employ security measures of your own.

Glossary

Wi-Fi: Short for “wireless fidelity”, a generic label that refers to wireless networks or networking.

Hotspot: A specific geographic location in which an access point provides public wireless broadband network services to mobile visitors through a WLAN.

Throughput: The amount of data transmitted in a set amount of time.

Bandwidth: the amount of data that can be carried from one point to another in a given time period (usually a second).

Specification

English

Main Chipset	MT 7601U
Host interface	USB 2.0 Type A
LED	Link / Activity
Antennas	Built-in onboard PCB antenna
Operation Frequency	ISM band, 2412~2483.5MHz (Depends on country region)
Typical Transmit Power	802.11b (CCK) 11Mbps: 18+/-1dBm
	802.11g (OFDM) 54Mbps: 15+/-1dBm
	802.11n (HT20@MCS7), 14+/-1dBm, (HT40@MCS15), 14+/-1dBm
Receive Sensitivity	802.11b: -88+/-1dBm: 802.11g: -73+/-1dBm
	802.11n (HT20), -71+/-1dBm: 802.11n (HT40), -68+/-1dBm
Operation System	Windows XP/Vista/7/10; Linux 2.6.X; Mac OS X

Français

Deutsch

Italiano

Español

日本語

Security	WEP 64/128; WPA/WPA2 (TKIP,AES); WAPI
Voltage Range/Current	DC 5 V \pm 5% / <150mA @802.11g
Physical Specification	
Dimensions	1.03 x 0.62 x 0.28 in (26.4 x 16 x 7.3 mm)
Weight	0.005 lbs (2.5 g)

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