AW-CD110

IEEE 802.11 a/b/g/n/ac 1T1R WLAN Dongle

Dongle User Guide

Version 0.2

Revision History

Document release	Date	Modification	Initials	Approved
Ver. 0.1	2020/08/04	Initial version	Jeff Kuo	N.C Chen
Ver. 0.2	2022/02/09	Add the window's step Label information	Jeff Kuo	N.C Chen

1. USB dongle Network Available

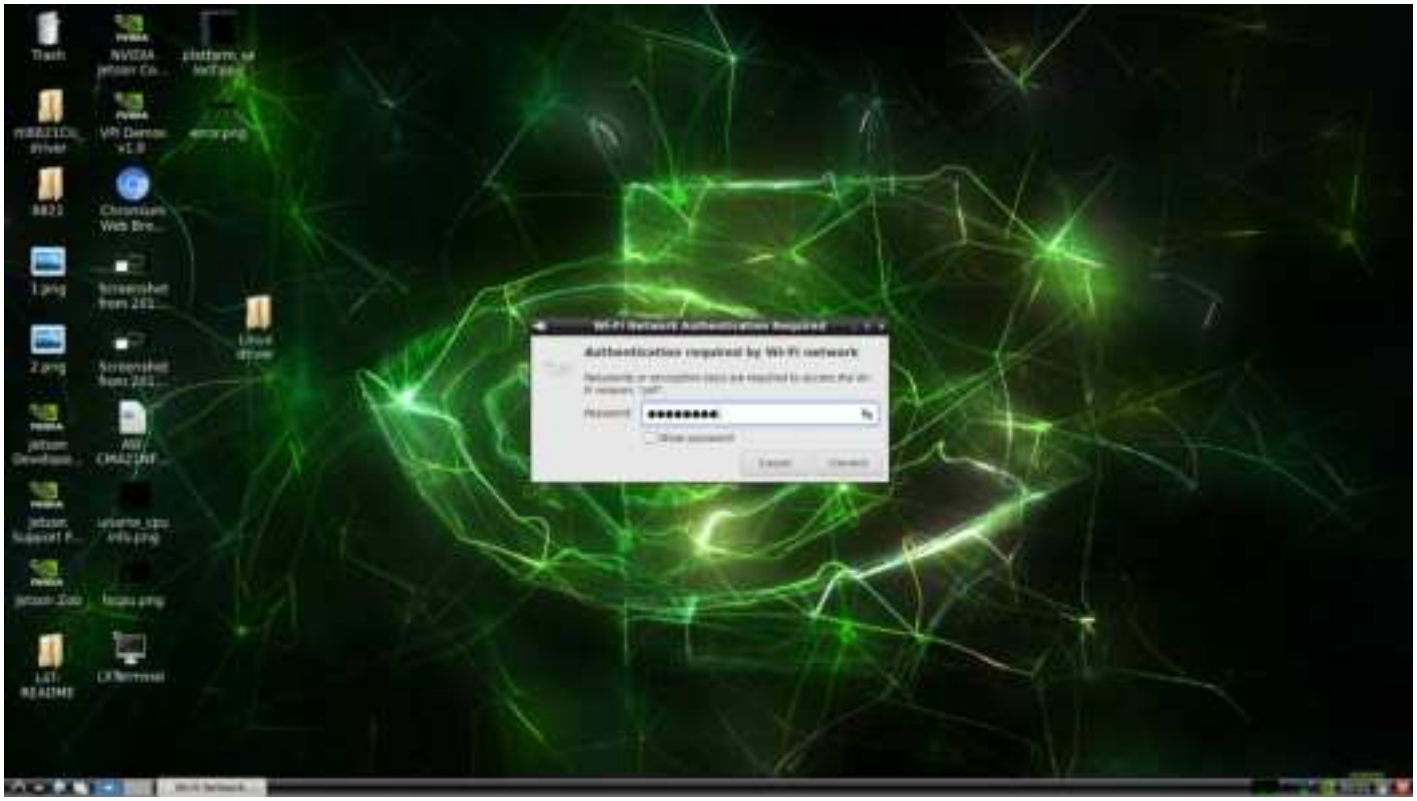
1.1 Plug your USB dongle in your device.

2. In Linux system

2.1 USB dongle switch on

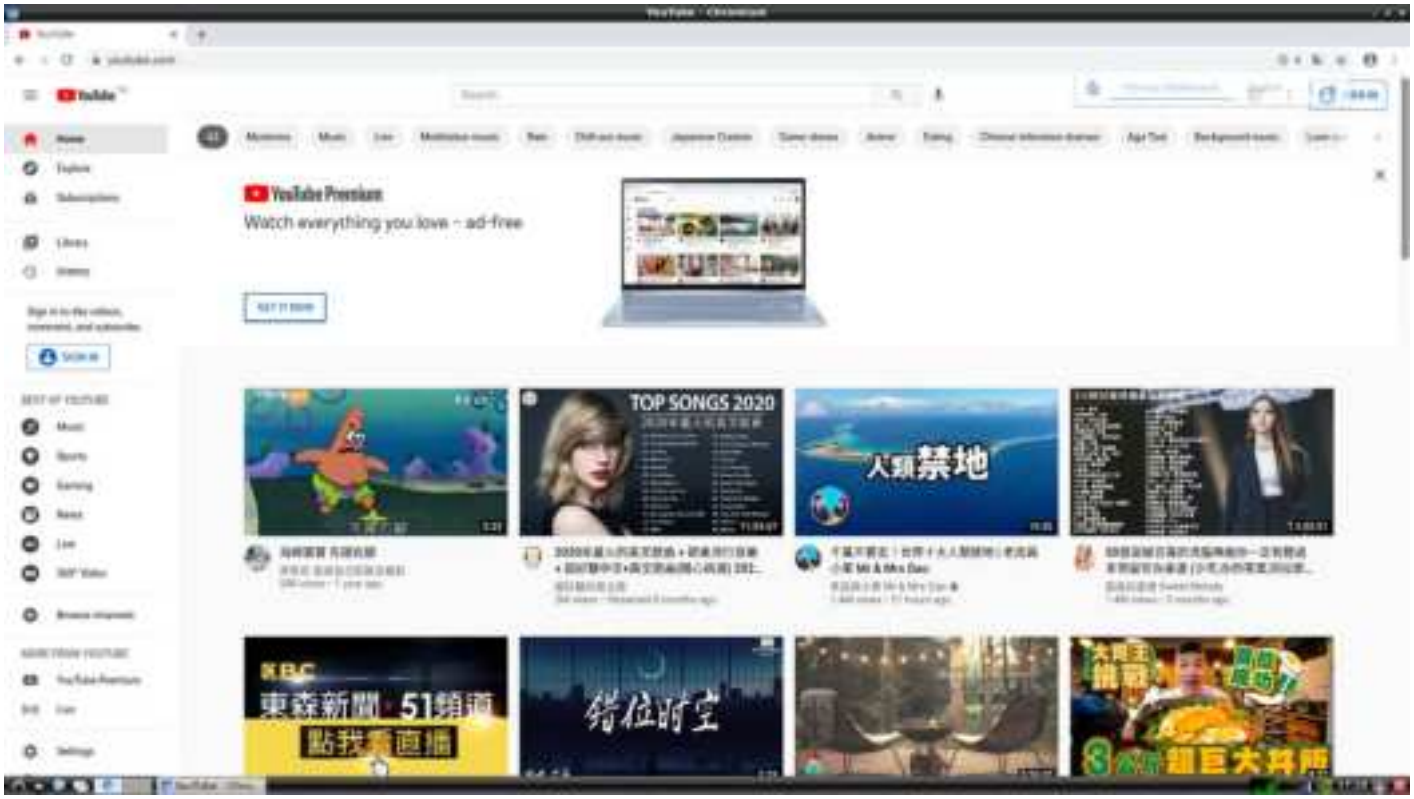
2.2 choose your AP

2.3 And key in the password



2.4 Connect successful

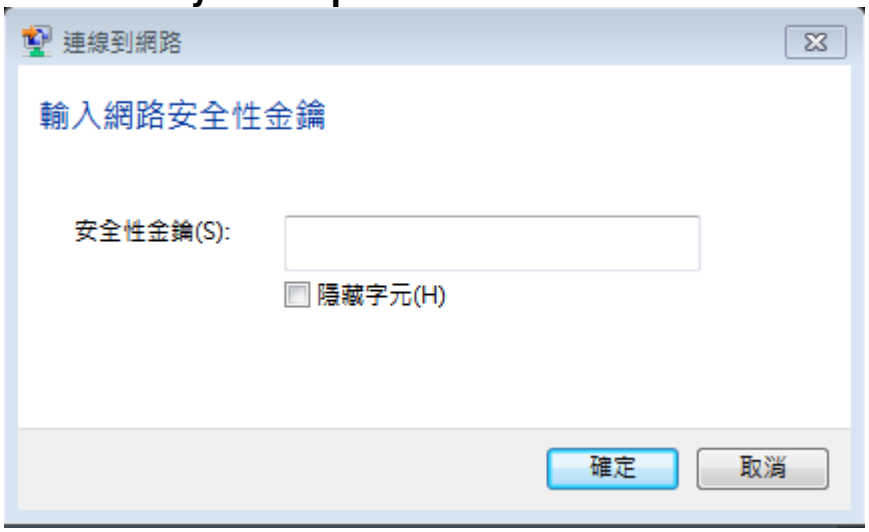
2.5 Surfing net



3. In Window system

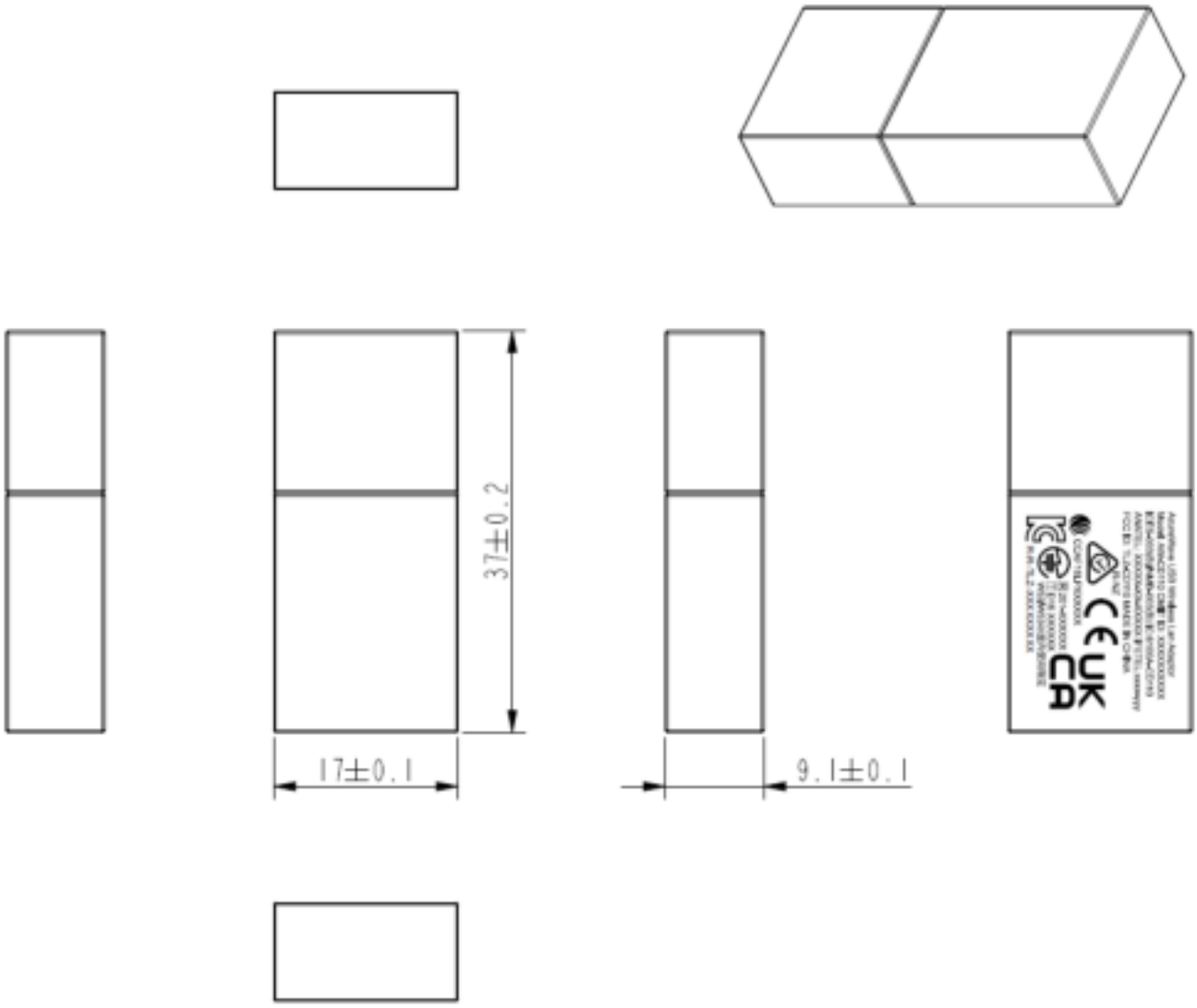
3.1 choose your AP

3.2 And key in the password



3.3 Surfing net

4. Laser mark information



The device is restricted to indoor use only when operating in the 5150 to 5350 MHz frequency range.

Operating Temperature : 0℃ to + 40℃

Manufacturer : AzureWave Technologies, Inc.
Address : 8F., No.94, Baozhong Rd. , Xindian Dist., New Taipei City , Taiwan 231

2412-2472MHz: 19.89 dBm
5150-5350MHz: 22.93 dBm
5470-5725: 22.87 dBm
5725-5875MHz: 13.89 dBm

RF Exposure Information
This device meets the EU RED requirements on the limitation of exposure of the general public to electromagnetic fields by way of health protection. This device has been tested and meets the ICNIRP exposure guidelines and the European Standard EN 62209-2. SAR is measured with this device at a separation of 0.5 cm to the body, while transmitting at the highest certified output power level in all frequency bands of this device. Carry this device at least 0.5 cm away from your body to ensure exposure levels remain at or below the as-tested levels.

AzureWave
AzureWave Technologies, Inc.

EU Declaration of Conformity

We,

Name of Manufacturer:	AzureWave Technologies, Inc.
Address:	8F., No.94, Baozhong Rd. , Xindian Dist., New Taipei City , Taiwan 231
Telephone number:	02-55995599 *5580

hereby, declare under our sole responsibility that the requirements set out in the **Directive 2014/53/EU** has been fully fulfilled on our product with indication below:

Product Name:	IEEE 802.11 a/b/g/n/ac 1T1R WLAN USB Dongle
Model Number:	AW-CD110
Object of the Declaration	

The object of the declaration described above is in conformity with the relevant Union harmonization legislation:

Radio Equipment Directive (RED) 2014/53/EU

Restriction of Hazardous Substances Directive (RoHS) 2011/65/EU

Waste Electrical and Electronic Equipment Directive (WEEE) 2012/19/EU

The following standards and technical specifications have been applied:

Article 3.2 & 3.3 : **EN 300 328 V2.2.2, EN 301 893 V2.1.1, EN 300 440 V2.2.1**

Article 3.1(b) : **ETSI EN 301 489-1 V2.2.3, Final draft ETSI EN 301 489-3 V2.2.0, ETSI EN 301 489-17 V3.2.4, EN 55032:2015/A11:2020,EN 55035:2017/A11:2020,EN 61000-3-2:2014,EN 61000-3-3:2013+A1:2019**

Article 3.1(a) : **EN 50566:2017, EN IEC 62311:2020, EN 62209-2:2010, EN IEC/IEEE 62209-1528:2021, EN 50665:2017**

Article 3.1(a) : **EN 62368-1:2014+A11:2017**

Notified Body: Timco Engineering, Inc. 1177

EU-type examination certificate: with Module B+C

Additional Information:

Software:

Accessories: Extend the USB cable

Signed for and on behalf of:

Signature : _____ April 7, 2022

Name, Function(Title) : Nick Chiu, Product Specialist

E-mail : Nick.Chiu@azurewave.com

AzureWave
AzureWave Technologies, Inc.

Declaration of Conformity

Declaration of conformity

No.:	(optional)
Name of Manufacturer:	AzureWave Technologies, Inc.
Address:	8F., No.94, Baozhong Rd. , Xindian Dist., New Taipei City , Taiwan 231
Product Name:	IEEE 802.11 a/b/g/n/ac 1T1R WLAN USB Dongle
Model Number:	AW-CD110
Object of the Declaration:	

We, AzureWave Technologies, Inc., declare under our sole responsibility that the above product is in conformity with the relevant statutory requirements:

RER 2017 (SI 2017/1206)

The following designated standards or technical specifications were used in relation to which conformity is declared:

Regulation 6.2 : **EN 300 328 V2.2.2, EN 301 893 V2.1.1, EN 300 440 V2.2.1**

Regulation 6.1b : **ETSI EN 301 489-1 V2.2.3, Final draft ETSI EN 301 489-3 V2.2.0, ETSI EN 301 489-17 V3.2.4, EN 55032:2015/A11:2020, EN 55035:2017/A11:2020,EN 61000-3-2:2014,EN 61000-3-3:2013+A1:2019 BS EN 55032:2015/A11:2020, BS EN 55035:2017/A11:2020,BS EN IEC 61000-3-2:2019+A1:2021, BS EN 61000-3-3:2013+A2:2021**

Regulation 6.1a : **EN 50566:2017, EN IEC 62311:2020, EN 62209-2:2010, EN IEC/IEEE 62209-1528:2021, EN 50665:2017, BS EN 50665:2017, BS EN IEC 62311:2020, BS EN 62209-1:2016, BS EN 62209-2:2010, BS EN IEC/IEEE 62209-1528:2021, BS EN 50566:2017**

Regulation 6.1a : **EN 62368-1:2014+A11:2017, BS EN 62368-1:2014+A11:2017**

UK Approved Body:

TIMCO Engineering, Inc. with number AB1177 has performed a conformity assessment in accordance with the procedures in Schedule 3 Module against the essential requirements Regulation 6.1a, 6.1b, and 6.2 of the RER 2017 (SI 2017/1206), and issued the Type examination certificate:

Description of accessories and components, including software, which allow the radio equipment to operate as intended and covered by the Declaration of conformity

Software:
Accessories: Extend the USB cable

Signed for and on behalf of: Signature : Nick Chiu April 7, 2022

Name, Function(Title) : Nick Chiu, Product Specialist

E-mail : Nick.Chiu@azurewave.com

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: 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.

For product available in the USA market, only channel 1~13 can be operated. Selection of other channels is not possible.

RF Exposure Information and Specific Absorption Rate (SAR) Information

This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the United States.
During SAR testing, this device was set to transmit at its highest certified power level in all tested frequency bands,and placed in positions that simulate RF exposure in usage near the body with the separation of 5 mm.

The exposure standard for wireless devices employing a unit of measurement is known as the Specific Absorption Rate, or SAR.
This device is complied with SAR for general population /uncontrolled exposure limits in ANSI/IEEE C95.1-1992 and had been tested in accordance
with the measurement methods and procedures specified in IEEE1528.

Canada **Statement**

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:
(1) This device may not cause interference.
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique 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;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

.

The device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

Les dispositifs fonctionnant dans la bande 5150-5250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.

ISED Radiation Exposure Statement:
The products are compliant with SAR for general population/uncontrolled exposure limits in IC RSS-102 and has been tested in accordance with the measurement methods and procedures specified in IEEE 1528.
Le produit est le respect de SAR pour la population générale / limites d'exposition incontrôlée de CNR-102 et a été testé en conformité avec les méthodes et procédures de mesure spécifiées dans la norme IEEE 1528.

The transmitter module may not be co-located with any other transmitter or antenna.
Le module émetteur peut ne pas être coïmplanté avec un autre émetteur ou antenne.

The Country Code Selection feature is disabled for products marketed in the US/Canada.

For product available in the USA/Canada market, only channel 1~13 can be operated. Selection of other channels is not possible.
Pour les produits disponibles aux États-Unis / Canada du marché, seul le canal 1 à 13 peuvent être exploités. Sélection d'autres canaux n'est pas possible.

NCC Statement

「取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。」

「應避免影響附近雷達系統之操作。」

設備名稱： USB 無線網卡 Equipment name　　型號（型式）： AW-CD110 Type designation (Type)

單元 Unit	限用物質及其化學符號 Restricted substances and its chemical symbols					
	鉛 Lead (Pb)	汞 Mercury (Hg)	鎘 Cadmium (Cd)	六價鉻 Hexavalent chromium (Cr^{+6})	多溴聯苯 Polybrominated biphenyls (PBB)	多溴二苯醚 Polybrominated diphenyl ethers (PBDE)
外殼	—	○	○	○	○	○
印刷電路板	○	○	○	○	○	○
金屬機構件	○	○	○	○	○	○
塑膠機構件	○	○	○	○	○	○

備考1. 〝超出0.1 wt %〞及〝超出0.01 wt %〞係指限用物質之百分比含量超出百分比含量基準值。
Note 1：“Exceeding 0.1 wt %” and “exceeding 0.01 wt %” indicate that the percentage content of the restricted substance exceeds the reference percentage value of presence condition.

備考2. 〝○〞係指該項限用物質之百分比含量未超出百分比含量基準值。
Note 2：“○” indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.

備考3. 〝—〞係指該項限用物質為排除項目。
Note 3：The “—” indicates that the restricted substance corresponds to the exemption.