

WIFI signal amplifier SH24Go10W

Quick Installation Guide V1.0

Issue 01

Date 2022-02-16

Part List

Please check the part list before the installation:

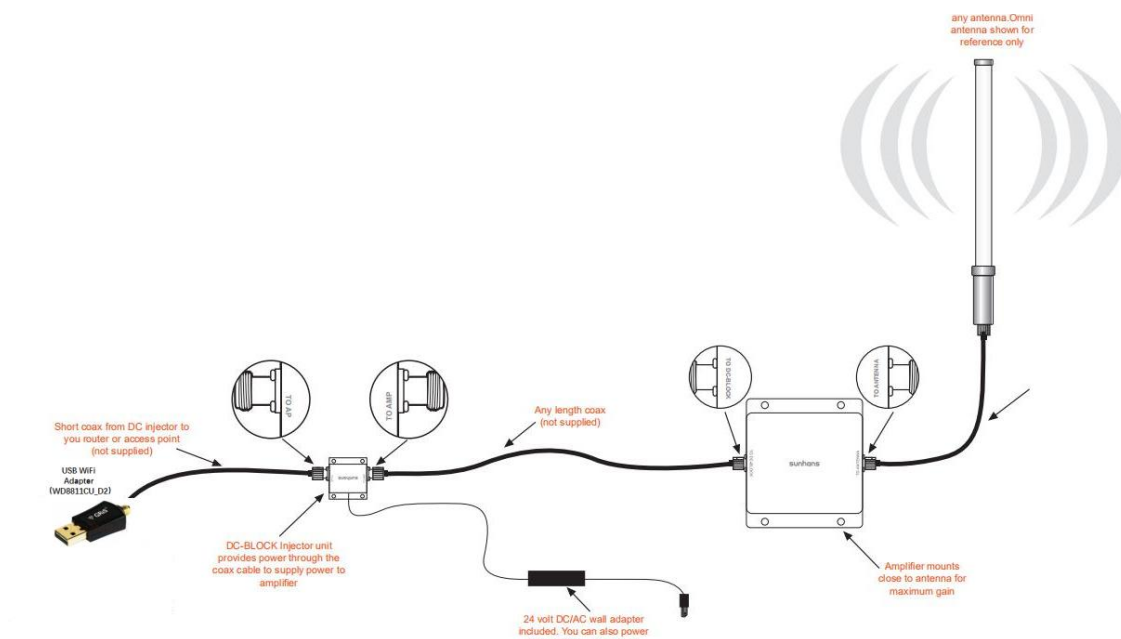
- SH24Go 10W
- DC injector
- 24V DC adapter
- Quick Installation Guide

NOTE

All connected cables need to be customized, because the application scenarios of different customers are different, so the required cable type and lengths are also different.

If find any missing or damaged, please contact your local vendor.

Hardware Installation Diagram



Step 1 Connect DC injector to AP

Step 2 Connect DC injector to SH24Go10W

Step 3 Connect DC injector to power adapter

Step 4 Power on the AP and SH24Go10W

When the SH24Go10W is Powered on, the power indicator on the DC injector will be steady Green .

Technical Specifications

Operating range : 2400 ~2500 MHz

Channel width: 20Mhz&40 Mhz

Supported standards: IEEE 802 . 11 b/g/n

Operation mode: Bi- directional, half- duplex, time division duplex

Connector type: N-K female

Output power: 10dBm

Input power: -30~26d Bm

Transmit gain: 22 d B

Receiver gain: ≤ 20 d B

Noise figure: ≤ 3.5 d B typical

Frequency response: ± 1 dB over operating range

Power adapter: 24V/2A DC, 100~240V

Operating temperature: - 25 °C to + 55 °C

Operating humidity: Up to 75% relative humidity

Material: Cast aluminum

LED light: Power status / activity status LED

Booster weight: 470g

Booster size: 15.2 x 7.3 x 2.6cm



CAUTION:

- Do not open the aluminum box without permission
- To prevent potential damage to the environment or to human health, please separate these products from other kinds of waste and recycle them properly. Thus, you help foster the sustainable reusing of material resources. Home users can contact the establishment where they purchased the product or the corresponding local authorities to get information about how and where to take this waste for an ecologically safe recycling process. Major consumers can contact their provider and check the conditions of the purchase contract. Neither this product nor its electric accessories must be thrown away with other commercial waste.
- Must be used only in the system which it has obtained authorization (FCC ID: 2AYN6-SH24GO10W).

Wireless USB WiFi Adapter User Guide

- external antenna, covering a wide range of signals
- RTL811CU chip,
- 20m/40m bandwidth coexistence
- support IEEE802. 11 b/g/n
- USB 2.0 interface

- **Instructions**

1、 Users need to follow the driver file of this product

If it is a win10 system, the driver may not be required

2 、 When the driver is installed normally, the computer will have a wireless network card icon prompt ·

3 、 The user can scan and connect the hotspot of the router with the wireless configuration tool of the Windows system, and then the product can be used normally

Notice

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.

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.

Note: 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.