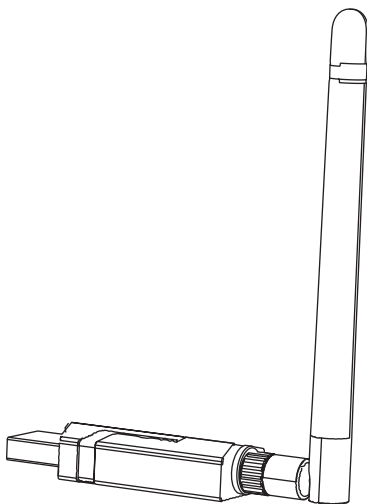




800 Z-Wave Dongle

SKU: HZWG08E
[Instruction Manual]



Please pay attention to the warning signs
Read the instructions with caution before operating
and keep it properly

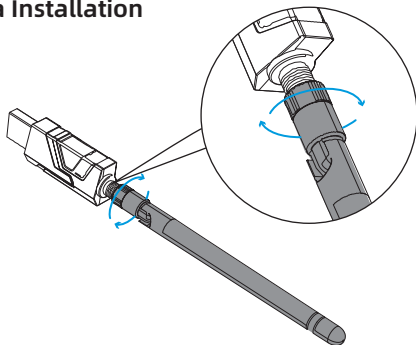
WARNING: Please read this guide carefully.

- This product should be installed indoors upon completion of any building renovations.
- Do not install the Z-Wave Dongle in a place with direct sun exposure, high temperature, or humidity.
- Keep away from chemicals, water, and dust.
- Ensure the device is never close to any heat source or open flame to prevent fire.
- Ensure the device is connected to an electric power source that does not exceed the maximum load power.
- No part of the device may be replaced or repaired by the user.

Features:

- Z-Wave Plus Static USB Controller
- Latest S2 security protocol for a private network
- 800 Series Long Range Z-Wave for fast, low-power direct communication
- Extended range up to a mile in open space when using Long Range
- External adjustable antenna, directional and stable signal
- No drivers needed: works out of the box on Windows, Linux, and MAC OS

Antenna Installation



Specification

- Model Number: ZWG08LR
- Z-Wave Frequency: 908.42 MHz
- Operating Voltage: 4.75-5.25 VDC
- Operating Temperature: 14-122°F
- Operating Humidity: Up to 85%
- Installation and Use: Indoor only

What is Z-Wave™?

Z-Wave is the international wireless protocol for communication in the Smart Home. This device is suited for use in the region mentioned in the Quick start section.

Z-Wave ensures a reliable communication by reconfirming every message (two-way communication) and every mains powered node can act as a repeater for other nodes (meshed network) in case the receiver is not in direct wireless range of the transmitter. This device and every other certified Z-Wave device can be used together with any other certified Z-Wave device regardless of brand and origin as long as both are suited for the same frequency range.

If a device supports secure communication it will communicate with other devices secure as long as this device provides the same or a higher level of security. Otherwise it will automatically turn into a lower level of security to maintain backward compatibility.

Quick start & SET-UP

The following will step you through using 800 Z-Wave Dongle when it is attached to a host, such as a PC, as your primary Z-Wave controller. Please ensure that your Automation software supports the Z-Wave SerialAPI.

The host controller can be used directly without installing a driver. If it cannot be recognized, you can download the driver from <https://de-wenwils.com> (for Windows systems).

1、 Plug 800 Z-Wave Dongle into a host controller (that can be a PC, Mac,

Raspberry Pi, etc).

2、 Determine the virtual port that your 800 Z-Wave Dongle is connected to.

- Windows - You would look at Ports & LPT under Device Manager.

Usually, 800 Z-Wave Dongle shows as a COMX device (where X can be 0-1000).

- Linux - under cmd prompt, type in "dmesg | grep tty" which will give you list of all tty devices connected. Usually 800 Z-Wave Dongle shows as a /dev/ttyUSB0 device.

- MAC OS - Choose Apple > System Preferences, then click Network. You can find 800 Z-Wave Dongle as a USB Modem device (/dev/cu.usbmo-dem).

3、 Open the selected third party software.

4、 Following your third party software instructions for connecting a Z-Wave USB Dongle. Select the COM or virtual port 800 Z-Wave Dongle is associated to.

In most cases, any devices already paired with 800 Z-Wave Dongle network will automatically show up in the software's interface.

To include a new device into the Z-Wave system.

Step 1: Set the third party software into its 'add device' mode in order to connect a Z-Wave device to your Z-Wave system. Refer to the third party software instructions if you are unsure of how to perform this step.

Step 2: Press Action Button on Dewenwils Z-Wave device which you want to add into the Z-Wave network. If it is non-Dewenwils Z-Wave device, please refer to its manual for inclusion operation.

Step 3: You will see the name of the device on the software's interface when it is successfully added.

Step 4: Repeat step 2 and 3 to include any further devices.

How 800 Z-Wave Dongle controls paired Z-Wave devices ultimately depends on the control scheme set by the third party Z-Wave software you choose.

SerialAPI Mode

Once the Z-Wave Dongle is plugged into the USB port of the host computer, it automatically enrolls in the SerialAPI mode and remains active (awake), always listening for commands sent from the host software and relaying them to the Z-Wave devices in the network. It acts as a Z-Wave signal adapter for your smart home system, translating any Z-Wave reports and notifications sent by devices in your network to your smart home interface.

Z-Wave Dongle AS SECONDARY CONTROLLER

You can use the Z-Wave Dongle as a secondary controller with your existing Z-Wave system if it accepts additional controllers. To enroll the Z-Wave Dongle in your current system, send the inclusion command and put the Z-Wave Dongle into learning mode, using the SerialAPI mode.

Factory Reset

To reset your 800 Z-Wave Dongle please refer to the automation software of your host PC.

The Z-Wave Dongle can only be reset by the host software while it's in SerialAPI mode. The device is reset once an appropriate command from the host software is sent to reset the Z-Wave network. There is no way to manually reset the Z-Wave Dongle if it's not controlled by host software. Please use this procedure only when the network primary controller is missing or otherwise inoperable.

One Year Limited Warranty

Supported by our professional R&D team and QC team, we provide One Year Warranty for materials and workmanship from the purchase date. Please note that the warranty does not cover damage caused by personal misuse or improper installation.

Please attach your Order ID and Name so that our dedicated customer service team can help you better.

S2 FC

FCC Warning:

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your 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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.