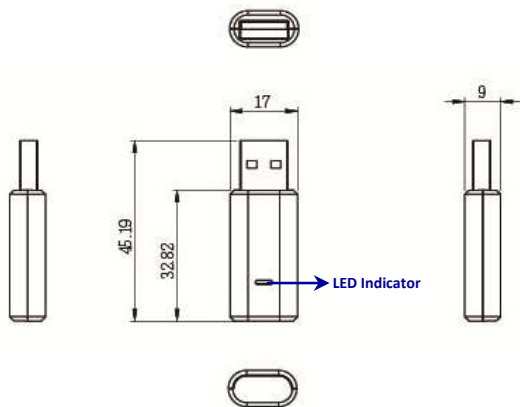


USB Z-Wave® Dongle

User's Manual

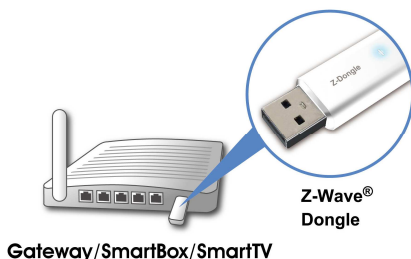
1. Hardware Specification



LED Indicator	Light Status	Description
RED	Solid	Z-Wave USB dongle is activating, when it is ready, the light will be off
BLUE	Blinking slowly 5 sec.	Inclusion
	Blinking fast 5 sec.	Exclusion
GREEN	Blinking/Solid	When sending or receiving the Z-Wave command, the time the light remains on is determined by the size of the Z-Wave command packet
	Solid	For detecting the anomaly, for example, the conditions of the smart plug after inclusion. When the plug is removed, yet the user sends the command to switch on under disconnection, the Z-Wave command will be saved in queue module temporarily. After trying 3 times, according to Z-Wave feature, and there are no responses, the command will be aborted and the next command will be executed.

2. Installation

This product can be included and operated in any Z-Wave network with other Z-Wave certified devices from other manufacturers and/or other applications. All non-battery operated nodes within the network will act as repeaters regardless of vendor to increase reliability of the network.



3. Product Specification

Power	DC 5V (USB bus powered)
Host Interface	USB A-Type Plug
USB Compliance	Compliant with USB 2.0 version specification.
Frequency	WD6050Z2: 908.42 MHz (US); WD6051Z2: 868.42 MHz (EU); WD6052Z3: 922.5 MHz (JP)
Housing	Plastic
LED Indicator	Red / Green / Blue *
Protocol	Z-Wave(ZM5101)
Data Rate	100kbps
Operation Range	100 feet(About 30M)
Application	Indoor use
Operation Temp.	0°C~40°C
Regulatory Approval	FCC/CE/TELEC

* Please see LED Indicator table in **Hardware Specification** for more details.

4. Regulatory Compliance

FCC Statement

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.

To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices).

FCC Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

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 transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

CE

This equipment is in compliance with the requirements of the following regulations: EN 55 022: CLASS B

WEEE Information

For EU (European Union) member users:

According to the WEEE (Waste electrical and electronic equipment) Directive, do not dispose of this product as household waste or commercial waste. Waste electrical and electronic equipment should be appropriately collected and recycled as required by practices established for your country.

For information on recycling of this product, please contact your local authorities, your household waste disposal service or the shop where you purchased the product.

