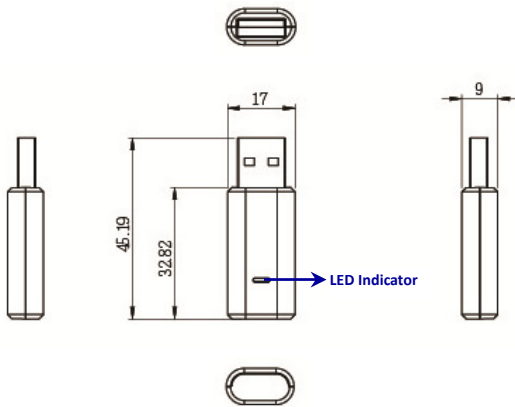


USB Z-Wave® Dongle

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



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 conditions

FEDERAL COMMUNICATIONS 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 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 not expressly approved by the grantee of this device could void the user's authority to operate the 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.

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.

