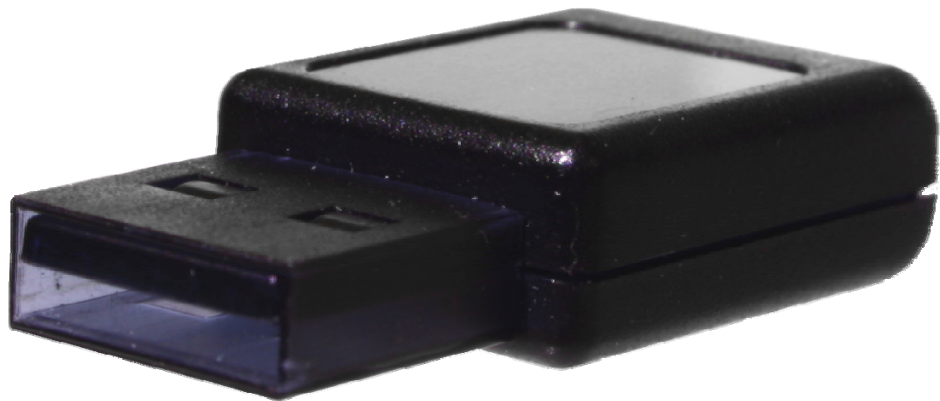




ZME U UZB1

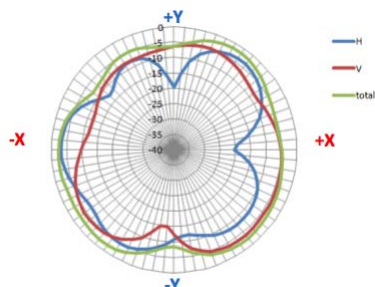
USB Z-Wave Transceiver

Version 5.2

This USB Stick connects a PC or any other computing platform with USB interface to a wireless Z-Wave network. A controller software compatible to the Sigma Designs Serial API is required to use the functions of the device. This software plus this UZB realize a static controller to manage and use Z-Wave devices of various vendors. This stick works with all certified Z-Wave devices regardless of its vendor or date of origin. The Sigma Designs Serial API specification is available to all owners of a Sigma Designs Z-Wave SDK.

The device implements a virtual serial interface used by the Z-Wave application. Linux and Mac OSX has a built in device driver for the stick and will create a new device named like `/dev/cu.usbmodemfa131` (OSX) or `/dev/ttyACM0` (Linux). Windows enumerates a new COM device but may require a device driver `uzb.inf` available at www.z-wave.me.

If you have Z-Way installed please pick the Z-Wave experts UI and choose Network -> Control and click on your frequency button:



The antenna characteristics shows more or less circular radiation field. However using the device right on a

notebook or other heavy device may partially degrade the signal significantly. Applying an USB-USB extender cable of min. 10 cm will always provide the best radio experience.

Technical Data:

- USB/Z-Wave:
 - VID/PID: 0658/0280
 - Z-Wave Role: Static Controller
 - Z-Wave SDK: 6.51.03 (Z-Wave Plus)
 - Z-Wave Cert: ZC10-14090020
- Wireless Transceiver:
 - Antenna: Helix
 - Transmitting Frequency: 908,4 MHz (FCC CFR47 Part 15)
 - TX Power: +1 dBm
 - RX sensitivity: -104 dBm (9.6kbps) ... -95 dBm (100kbps)
 - Wireless Range: up to 100 m in open field, > 40 m in rooms
- Transceiver Hardware: Mitsumi WML-C84
- Dimensions and weights: 30x14x6 mm, 3 gr



FCC STATEMENT :

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.

Warning: 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.

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