EZZee™

Z-Wave Interface Board

- Fifth Generation Z-Wave
- Integrated PCB Antenna
- SerialAPI or Bridge
- Over-the-Wire Firmware
- Raspberry Pi connector
- Z-Wave Certified
- Color LED

Features

Z-Wave Interface
- Fifth Generation 500 series Z-Wave
- 300' line-of-sight RF range
- 100/40/9.6Kbps 900MHz RF
- Integrated PCB antenna
- Primary Controller
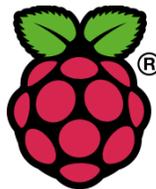- Z-Wave Plus Certified

Field Upgradeable Firmware
- Over-the-Wire (OTW) firmware updates
- Latest API ensures long product lifetime
- SerialAPI or BridgeAPI
- Customizable firmware

Color LED
- Eight colors
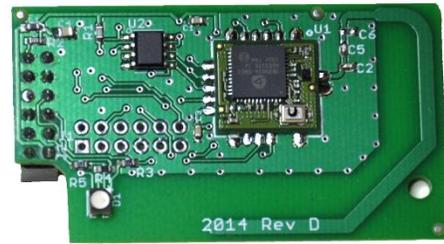
Raspberry Pi (RPi) compatible interface
- 3.3V @50mA
- UART @231kbps
- RPi fanless enclosure available

Designed and assembled in USA

100mil 2x6 connector pinout

Name	Pin#		Name
3.3V	1	2	
LEDR	3	4	
LEDG	5	6	GND
LEDB	7	8	TXD
GND	9	10	RXD
	11	12	RST_N

Actual Size

Overview

The EZZee Z-Wave Interface Board provides a simple to use and easy to integrate Z-Wave interface for any embedded computer. Specifically designed for the Raspberry Pi, EZZee uses a UART interface available on most embedded CPUs. The Sigma Designs SerialAPI provides a standard software interface to communicate with any Z-Wave device on the Z-Wave network.

The available fanless enclosure for EZZee and the Raspberry Pi makes a complete Z-Wave hub that can communicate directly to the cloud. Power consumption under 5 watts with the ability to drive full HD HDMI screens means the system is also a fully capable standalone Linux computer.

The fifth generation Z-Wave technology enhances the reliability and speed of every device on a Z-Wave network by using the very latest routing algorithms and the very best radio technology currently available. Firmware is updated using the standard OTW protocol which can be upgraded in the field extending the lifetime of any product incorporating the EZZee.

Why is the EZZee better than the Sigma Designs ZM5304 module?
The ZM5304 uses a fixed firmware that is not field upgradeable and cannot be customized. The firmware is available only in binary form directly from Sigma. The source code is not available. Z-Wave certification is still required with the ZM5304. EZZee is Certified as a Hardware Platform so only your software needs to be certified.

Ordering information:
EZZee-US MOQ=100
RF Frequency: 908/916MHz (US)
Dimensions: 2.2"H x 1.25"W x 0.5"D
Weight: 8g
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