

# Z-Stick 7 technical specifications.

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This page lists the technical specifications for Z-Stick7 and form part of the larger [Z-Stick Gen7 user guide \(https://aeotec.freshdesk.com/a/solutions/articles/6000230552\)](https://aeotec.freshdesk.com/a/solutions/articles/6000230552).

**Name:** Z-Stick 7

**Model Number:** ZWA010

ZWA010-A: US Frequency 908,42 Mhz

ZWA010-B: AU Frequency 921,42 Mhz

ZWA010-C: EU frequency 868,42 Mhz

**Product Weight:** 3.5 g

**Total Package Weight:** 21.5 g

**Product Dimensions:** 37 x 17 x 8.5 mm

**Package Dimensions:** 50 x 65 x 20 mm

**UPC/EAN:**

**US:** 810667025250

**EU:** 1220000016545

**Library Type:** Bridge Controller

**Device Type:** Z-Wave USB Controller

**Z-Wave Plus Certified:** Yes

**SmartStart:** Yes

**Z-Wave Chip:** EFR32ZG14

**Z-Wave Version:** **Series 700** (<https://aeotec.com/z-wave-home-automation/z-wave-700-series.html>) and **Gen7**

(<https://aeotec.com/z-wave-home-automation/z-wave-gen7.html>)

**Security:** **S2** (<https://aeotec.com/z-wave-s2/>) native

**QR Code Inclusion:** **SmartStart** (<https://aeotec.com/z-wave-home-automation/z-wave-smart-start.html>) native

**Z-Wave SDK:** 7.11.0 or later

**Power Supply:** USB DC 4.75V to 5.25V

**Sensitivity of the RF receiver:**

**US:**

TX Power: +9,3 dBm

RX sensitivity: -97.5 dBm

**EU/AU:**

TX Power: +4,8 dBm

RX sensitivity: -97.5 dBm

**Standby current:** 18 - 20 mA

**Max current:** 40mA

**Recommended host current:** 50mA

**Known compatibilities:**

Tested to be compatible with Raspberry Pi 3 and up

Tested to be compatible with Windows 10 OS

Tested to be compatible with Linux OS

Tested to be compatible with OSX OS

**Operating Temperature:** 0°C to 40°C / 40°F to 104°F

**Storage Temperature:** -20 C to 70 C / -4°F to 158°F

**Product Dimensions:** 37 x 28 x 8,5 mm / 1,46 x 1,1 x 0,33 Inch

**Operating Distance:**

**US:**

More than 70 m / 230 ft indoor

Up to 150 m / 500 ft outdoors

**EU:**

Up to 50 m / 130 ft indoor  
Up to 150 m / 500 ft outdoors

Specifications subject to change without notice due to continuing product improvement.