

# Z-Stick Gen5+ technical specifications

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This page lists the technical specifications for Z-Stick Gen5+ and form part of the larger Z-Stick Gen5+ user guide.

**Name:** Z-Stick Gen5+

**Model Number:** ZW090

ZW090-A: US Frequency

ZW090-B: AU Frequency

ZW090-C: EU frequency

**Product Dimensions:**

88 x 28.5 x 10 mm

**Weight:** 19g

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

**Z-Wave Plus Certified:** Yes

**Z-Stick Gen5+ SDK and firmware:**

**RPi4 compatible:** Yes, works without USB adapter.

**Firmware Version:** V1.02

**SmartStart:** Yes

**SDK Version:** V6.81.06

**Backup Compatible:** Yes

**Power Supply:**

USB DC 4.75V to 5.25V

Built-in rechargeable lithium battery 3.7V, 100mAh.

**Max Standby Current:** 30uA.

**Max Operating Current:** 98mA in PA mode or 40mA in normal mode.

**Sensitivity of the RF receiver:**

9.6kbps @ -90 dBm

100kbps @ -90 dBm

**Transmitting power:**

Disabled PA @ 2.91 dBm

**Operating Temperature:** 0 C to 40 C.

**Storage Temperature:** -20 C to 70 C.

**Weatherproof Rating:** IP20 indoor only

**Operating Distance:**

Up to 500 feet/150 metres outdoors in normal mode

1310 feet/400 metres outdoors in PA mode.

More than 30m indoors

**Certifications:** CE/RCM/FCC

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