

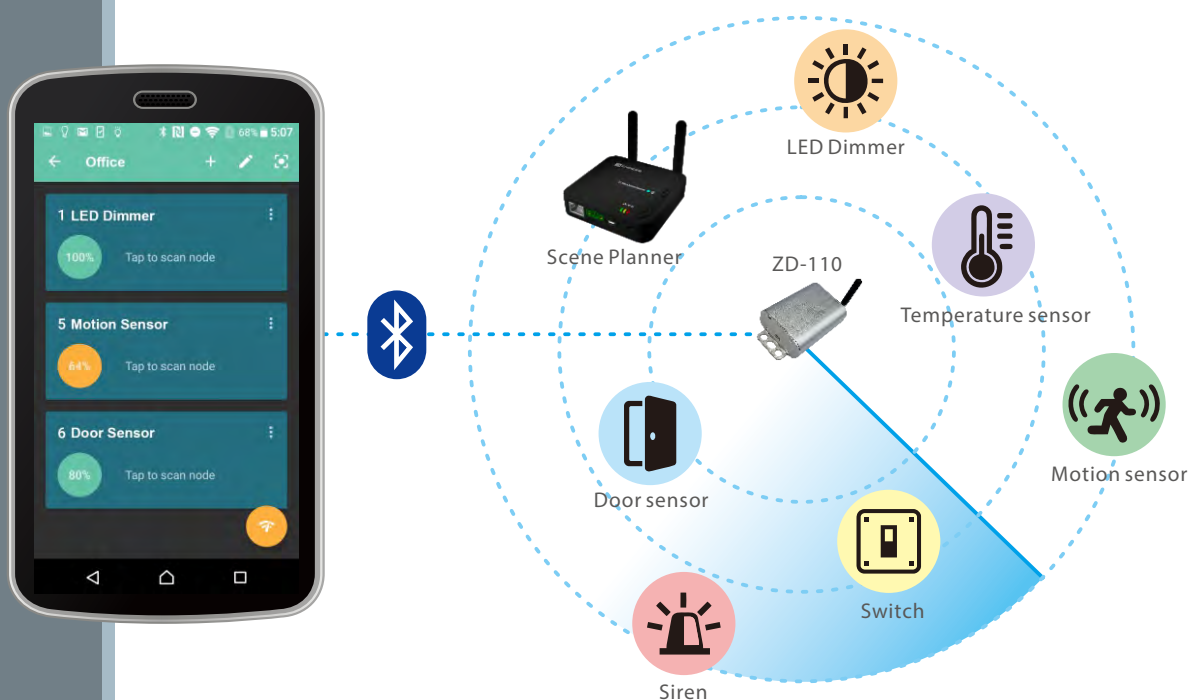


# ZD-110 Signal Indicator

## Z-Wave signal strength detection

Empers Signal Indicator (ZD-110) is a perfect portable tool for searching for Z-Wave signal and analysing its strength. When we install z-wave devices, we are usually not sure where the best place to set them in order to get the strongest signal. Also, if there is a problem, we won't be sure if the problem is on the sensors, the gateway, or the signal is just blocked.

ZD-110 helps you figure out what problems might be, and from there you can decide what to do about it. How does ZD-110 work? It will scan the Z-Wave devices in a specific range, and immediately show the strength between RSSI and the devices on the App. You can check from time to time if you find a device is not accepting signal properly. If the signal is weak, you can move the devices to another place in order to get a better signal. A Z-Wave Signal strength detection is the first step. Once you know that all the devices are working fine, then it is time to ensure that they stay that way.



### Features

- ◆ Allow users to detect Z-wave signals
- ◆ Help users to find out the best place to install the gateway and sensors
- ◆ Easy to use with the App
- ◆ User friendly. The data is clearly shown in the table
- ◆ Built-in rechargeable lithium polymer battery

### Specification

#### Z-Wave

RF Frequency	908.42 MHZ (US), 868.42 MHz(EU), 922.5 MHz (JP)
Range	Up to 50m (outdoors) and 30m (indoors)

#### Bluetooth

Standard	BLE 4.0
Range	10m (32ft)

#### Power

Charge	Standard Micro USB
Battery	Lithium polymer battery (1500mAh)

#### Appearance

Dimension	94x56x27mm(LxWxH), 220 Gram
Housing Material	Aluminum
Color	Silver

#### System Requirement

Mobile device	Android 4.0 and above
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1. Micro USB connector
2. Antenna
3. Wall mount
4. Pairing button
5. LED light



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