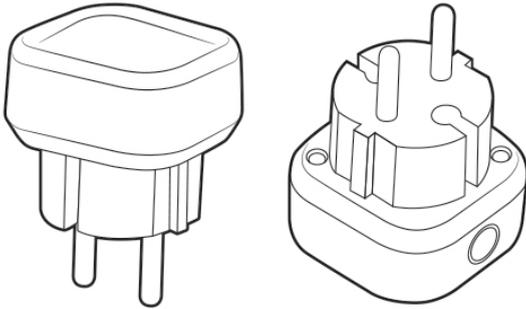# Aeotec Range Extender Zi - AEOZZGA001

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Für eine deutsche Übersetzung (https://z-wave.freshdesk.com/a/solutions/articles/80000555897)**Klicken Sie hier** (https://z-wave.freshdesk.com/a/solutions/articles/80000595927)

Aeotec Range Extender Zi must be used with a Zigbee hub that supports Zigbee 3.0 to work.

Familiarize yourself with Aeotec Range Extender Zi

Package contents:

1. Aeotec Range Extender Zi
2. User manual

LED States:

- **Fade in and out:** powered but not connected to any network.
- **Flashing Rapidly:** attempting to connect to a Zigbee network.
- **Solid ON/OFF:** connected to a Zigbee network.

Important safety information.
Please read this and the guide(s) at support.aeotec.com/rez carefully. Failure to follow the recommendations set forth by Aeotec Limited may be dangerous or cause a violation of the law. The manufacturer, importer, distributor, and/or reseller will not be held responsible for any loss or damage resulting from not following any instructions in this guide or in other materials.

Range Extender Zi is intended for indoor use in dry locations only. Do not use in damp, moist, and/or wet locations.

Contains small parts; keep away from children.

Join into Network

Aeotec Range Extender Zi can be connected to only a single Zigbee hub at a time, below are steps of various Zigbee hubs that have been tested

1. Aeotec Smart Home Hub / SmartThings.

1. From the Home screen, touch the **Plus (+)** icon and select **Device.**
2. Select **Aeotec**, touch **Repeater/extender**, and then **Aeotec Range Extender.**
3. Touch **Start.**

4. Choose a **Hub** for the device.
5. Choose a **Room** for the device and touch **Next.**
6. While the Hub searches, move the Range Extender Zi within 3 meters of the Hub and plug it in. It should automatically pair.

   - If it does not automatically pair, **tap the Action Button** once.

Troubleshooting:

Due to the change in SmartThings from Groovy to Edge, you may experience display issues. In this case, you can try the following.

1. Remove the Range Extender Zi from SmartThings
2. Open the **link (https://bestow-regional.api.smartthings.com/invite/q0jmJG4VDbM1)**
3. Enter your SmartThings credentials
4. Select your hub and press Enroll
5. Press Available driver
6. Select Zigbee Range Extender and press Install.
7. Add the Range Extender Zi new to the Smart Home Hub.

Hubs that are not listed:

If you do not have any of the hubs listed above for their steps, you will need to refer to your manual on how to set your hub into Zigbee pair mode. Below are general steps for all hubs:

1. Ensure the LED is fading in and out on Aeotec Range Extender Zi.

   - if it is not and the LED is solid, press and hold its action button for 10 seconds to factory reset it. Then ensure it is fading in and out.
2. Set your Zigbee 3.0 hub into **Zigbee pair mode**.
3. **Tap the Action Button** on your Aeotec Range Extender Zi. Its LED will flash rapidly while attempting to connect.

Using Range Extender Zi

SmartThings Range Extender Zi is now a part of your network. It will appear as a generic repeater device (or any other random device type) in your network. This doesn't matter, as long as it is a part of your network, your hub will optimize your network with the Range Extender as a repeater no matter how it shows up.

There are no options for control, but you would be able to check which Zigbee devices are repeating through it depending on the hub that you have.

1. Aeotec Smart Home Hub / SmartThings

1. On your PC, open any browser (Chrome, Firefox, Safari, Edge, etc.).
2. Enter the URL: **https://account.smartthings.com/ (https://account.smartthings.com/)**
3. Click on "SIGN IN WITH SAMSUNG ACCOUNT" and log in.
4. Click on "My Devices"
5. Make note of the Zigbee ID of your Range Extender Zi
6. Then select any Zigbee Device installed nearby your Range Extender Zi that was having a bad connection before Range Extender Zi was installed.

   - There will be a row showing what route that device is taking to communicate with Smart Home hub / SmartThings.

Toggle Range Extender Zi LED on or off

Aeotec Range Extender Zi once paired, the LED will default to a permanent ON state. If desired, the LED can be turned on or off.

Steps.

- **Quickly double-tap** the Action Button on Range Extender Zi.
- If the LED was ON, then it'll turn OFF
- If the LED was OFF, then it'll turn ON.

Factory reset your Aeotec Range Extender Zi

Aeotec Range Extender Zi can be factory reset at any time if you come across any issues, or if you need to re-pair Range Extender Zi to another hub.

1. Aeotec Smart Home Hub / SmartThings.

1. Find Range Extender Zi in your SmartThings app, then select it.
2. Tap **More options (3 dot icon)** located in the top right corner, and select **Edit**.
3. Then select Delete.
4. Range Extender Zi should be removed from Smart Home Hub / SmartThings and be factory reset automatically. If the LED on Range Extender Zi is not fading in and out, use the manual factory reset steps below.

Manually factory reset your Range Extender Zi
These steps are best used only if your Zigbee hub is no longer available.

1. **Press and hold the connect button** for ten (10) seconds.
2. **Release the button** when the LED becomes solid.
3. The LED of Range Extender Zi should be fading in and out.

Specifications:

Dimensions: 46 x 46 x 60.65 mm
Operation temperature: 0 - 40 °C
Relative humidiy: 8 - 80%
Working Current: max 150mA
Power consumption: 1W
Technology: Zigbee 3.0