

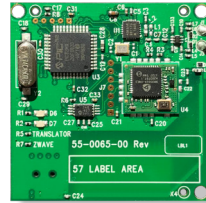
alula™ RE934ZT Translator & Z-Wave Connect+™ Expansion Card



RE934ZT Translator & Z-Wave Expansion Card adds home automation capabilities to the system enabling control of 3rd party Z-Wave devices. It also includes a wireless sensor translator for the takeover of existing sensors in the home.

Features

- Enables the system to create a new, or join an existing, Z-Wave network
- Provides communication with Z-Wave devices enabling a broad range of home automation features
- Allows Connect+ to receive Interlogix® (formerly GE®), Honeywell®, 2GIG®, Napco®, or DSC® wireless sensors reducing takeover cost and installation time
- Dual antennas for reliable sensor range



Installation

STOP Ensure Connect+ firmware version is 1.1.20.0 or greater before proceeding

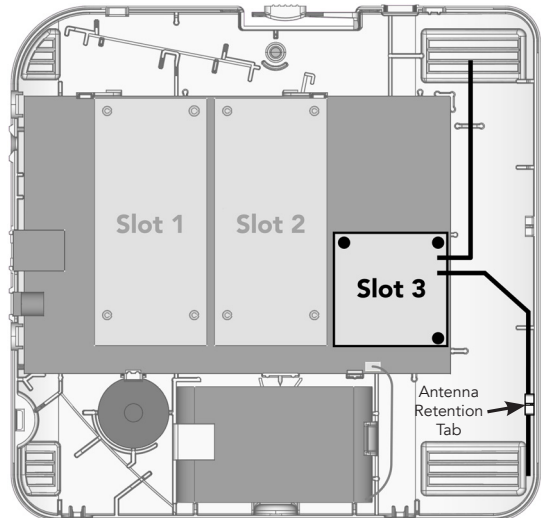
1. Disarm Connect+ and disconnect the power cord.
2. Remove Connect+ cover and then disconnect the battery cord.
3. Install the RE934ZT into expansion slot 3 of Connect+.

- Carefully align the 8 pin connector and the nylon retention posts.
- Firmly push on each corner of the card until the posts are fully seated.

4. Hook the lower antenna beneath the retention tab in the housing.
5. Reconnect the battery cord and reinstall the cover.
6. Reconnect the power cord.
7. Configure the RF Translator protocol using the AlulaConnect Dealer Portal or the Installer App.

RF Translator Protocol Options:

- None (Default setting)
- GE
- DSC
- HW (Honeywell)
- 2GIG
- NAPCO



8. Enroll sensors following the protocol and device type instructions that follow.

Honeywell & 2GIG Sensor Enrollment

Note: Honeywell Smoke and CO sensor packets are indistinguishable from one another.

Each time RF enrollment mode is enabled/re-enabled:

- Smoke sensors must be enrolled before the sensor types listed in step 5 below.
- CO sensors must be enrolled after the sensor types listed in step 5 below.

1. Ensure panel is **not** in RF enrollment mode.
2. Remove batteries from all Motion (PIR) sensors.



DO NOT PROCEED UNTIL YOU HAVE FINISHED STEPS 1 AND 2

3. Place panel in RF Enrollment mode.
4. **Enroll All Smoke Sensors First** - Press and hold the test button until the sensor beeps, continue holding for two seconds, then release. Wait for 30 seconds. If the sensor does not enroll, try holding the test button longer before releasing.
5. Enroll the following sensor types as instructed,

- **Panic Buttons** - Press and hold the panic button until the panel beeps confirming enrollment (this may take up to 20 seconds). If the panic button does not enroll, wait 30 seconds before retrying.
- **Key Fobs** - Press and hold the **LOCK/ON/AWAY** button until the panel beeps confirming enrollment. If the fob LED turns off before the panel enrolls the fob, press and hold the **LOCK/ON/AWAY** button again.

Note: Pressing any other button may cause the fob to enroll as the wrong device type.

- **Tilt Sensors** - Ensure the garage door is closed. Remove the sensor cover to tamper the device. With the cover removed, open the garage door, then close the garage door and re-install the cover.
- **Door/Window Sensors** - Cycle the contact three times (Open-Closed-Open or Closed-Open-Closed), allowing several seconds between each change.
- **Glass Break/Shock/Environmental** - Cycle the tamper switch three times allowing several seconds between each change.

Note: Honeywell sensors will enroll as a **Generic** device type using this method. Sensor settings, active arming levels, alarm/siren type, etc. will need to be configured as desired using the Installer App or dealer portal.

- **Motion Sensors (PIR) with Tamper** - Press and hold the tamper switch and insert the battery.
 - **Motion Sensors (PIR) without Tamper** - Insert the battery.
6. Pin Pad (PAD1 - 2GIG Only) - Press buttons 1 and 3 at the same time.

Using 2GIG Pin Pad:

- Disarm by entering a valid user pin code on the number pad
- Arm using the Stay/Away buttons
- Arm to Night using the * button
- Arm or disarm silently by pressing # followed by an arming button or pin code
- Trigger a Fire/Police Alarm by holding the Fire or Police button until the LED blinks

7. **Enroll All CO Sensors Last** - Press and hold the test button until the sensor beeps, continue holding for two seconds, then release. Wait for 30 seconds. If the sensor does not enroll, try holding the test button longer before releasing.

GE, DSC, & Napco Sensor Enrollment

1. Place Panel in RF Enrollment mode.
2. Enroll the following sensor types as instructed,
 - **Smoke Sensors** - Press and hold the test button until the sensor issues 2 complete alarm cadences, then release and wait 30 seconds. If the sensor does not enroll, try holding the test button longer before releasing.

Interlogix (formerly GE) SDX-135Z Smoke Sensor: Enroll by pressing and releasing the test button quickly.

- **Panic Buttons (Napco panics not supported)** - Press and hold the panic button until the panel beeps confirming enrollment.
- **Key Fobs** - Press and hold the **LOCK/AWAY** button until the panel beeps confirming enrollment.
- **Tilt Sensors** - Ensure the garage door is closed. Remove the sensor cover to tamper the device. With the cover removed, open the garage door, then close the garage door and re-install the cover.
- **Door/Window Sensors** - Cycle the contact three times (Open-Closed-Open or Closed-Open-Closed), allowing several seconds between each change.
- **Glass Break/Shock** - Tamper the sensor
- **Motion Sensors (PIR)** - Tamper the sensor
- **Environmental Sensors (Flood, Freeze, Heat, etc.)** - Cycle the tamper switch three times allowing 8 seconds between each change.

Note: Input index and alarm type must be verified, and modified if needed, using the Installer App or dealer portal.

- **CO Sensors** - Press and hold the test button until the sensor beeps twice, continue holding for one second, then release and wait 30 seconds. If the sensor does not enroll, try holding the test button longer before releasing.

DSC CO Sensor Enrollment Note: If a DSC CO sensor does not enroll using the test button, wait 30 seconds, then try enrolling by tampering the sensor.

Sensor Testing



Check the **Replace-By-Date** of all Smoke and CO sensors.
If expired, the sensor must be replaced with a new sensor.

Pro Tip: Sensor batteries should be replaced now to reduce future service calls

1. Verify all settings for each sensor using the Installer App or dealer portal.
 - Device Type
 - Siren Type
 - Alarm Type
 - Entry/Exit Delay Type
 - Active Arming Levels
 - Additional Options (Reporting Delay, Bypass Allowed, Chime, Follower, etc)
2. **Test All Smoke and CO sensors by pressing the test button and verifying the panel goes into the correct alarm type or indicates the correct alarm test type.**
3. Test all remaining sensors and peripherals to verify proper operation.

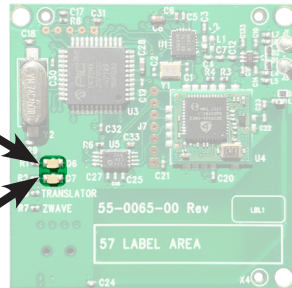
Z-Wave Tips

- Ensure both **Home Automation** and **Interactive Services** are enabled for the account.
- Z-Wave devices can be added by Clicking the "+" icon on the **Devices** tab of the mobile app or Touchpad.
- Additional information, setup tips, and use instructions can be found in the [Alula Z-Wave User Guide](#) (47-0061-00).

LED Indications

GREEN LED	INDICATION
ON	Connect+ has AC power
OFF	Connect+ does not have AC power
FLASHING	Sensor packet received

RED LED	INDICATION
OFF	Normal State
FLASHING	Z-Wave Message Received from Panel



Specifications

Physical	
Board Dimensions	1.9 x 1.9 x 0.06 inches (49 x 49 x 1.5 mm)
Weight	0.4 ounces (11.3 grams)
Current Draw	61 mA (Nominal)
Environmental	
Operating Temperature	32°F to 120°F (0°C to 48.8°C)
Maximum Humidity	85% non-condensing relative humidity
Certification	
RE934ZT	FCC, IC

Specifications subject to change without notice

IC NOTICE

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference, and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux cnr d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) L'appareil ne doit pas produire de brouillage, et
- (2) L'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

IC: 8310A-RE934ZT

FCC NOTICE

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference that may be received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by Alula could void the user's authority to operate this equipment.

FCC ID: USX-RE934ZT

TRADEMARKS

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