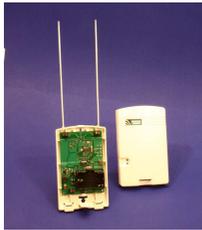




Wireless
Security
Solutions



RE324HD Honeywell®-to-DSC® Wireless Translator™

Features

- Listens to Honeywell protocol wireless devices.
- Transmits DSC protocol wireless.
- Enrolls up to 63 devices.
- Unique wireless ESN for each zone, plus 1 for main device.
- All sensor alarm, supervisory and trouble signals are passed through.
- Dual antennas for both Receive and Transmit diversity for reliable range.
- Back-up battery operation.
- Complete supervision of tampers, external power supply fault and low battery.

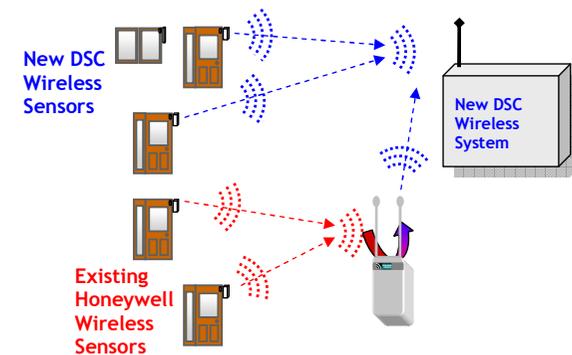
Key Instructions

- External supply: 12V DC at least 50 mA.
 - 3 AAA Alkaline batteries give 72 hours backup if external supply fails.
INSTALL BATTERIES ONLY WHEN EXTERNAL SUPPLY IS READY TO CONNECT.
 - Enrolling:
 - Sensor enrollment into Translator:
 1. Press Enroll switch repeatedly until Device Type LED matches the type of device you're enrolling. ENROLLING AS WRONG DEVICE TYPE CAN CAUSE IMPROPER OPERATION.
 2. Activate particular Honeywell sensor as follows:
 - PIR: Tamper - ENROLL PIRs FIRST
 - Panic: Button
 - Key Fob: Lower Right
 - DWS: Tamper
 3. Automatic responses:
 - Green LED blinks indicating receipt of Honeywell-compatible packets.
 - Translator beeps indicating each enrollment into Translator.
 - Red LED blinks indicating transmit of DSC-compatible packet to panel.
 - The Translator transmits packets to the panel as soon as it learns a new sensor. **So the panel, if it's in enroll mode, will recognize the DSC-compatible packets. The DSC panel then requires affirmation to accept the sensor.**
- NOTE: The ESNs that the DSC panel sees do not look anything like the xxx-yyy IDs on the Honeywell sensors.

- Main Translator device enrolled into panel by tamper switch on the board.
- Deleting sensors enrolled in Translator:
 - Delete all sensors:
 1. Press enroll button repeatedly until all Device Type LEDs are off.
 2. Press and hold enroll key for 5 seconds until beep.
 - Delete one Device Type:
 1. Press enroll button repeatedly until target Device Type LED is lit.
 2. Press and hold enroll key for 5 seconds until beep.

Operation

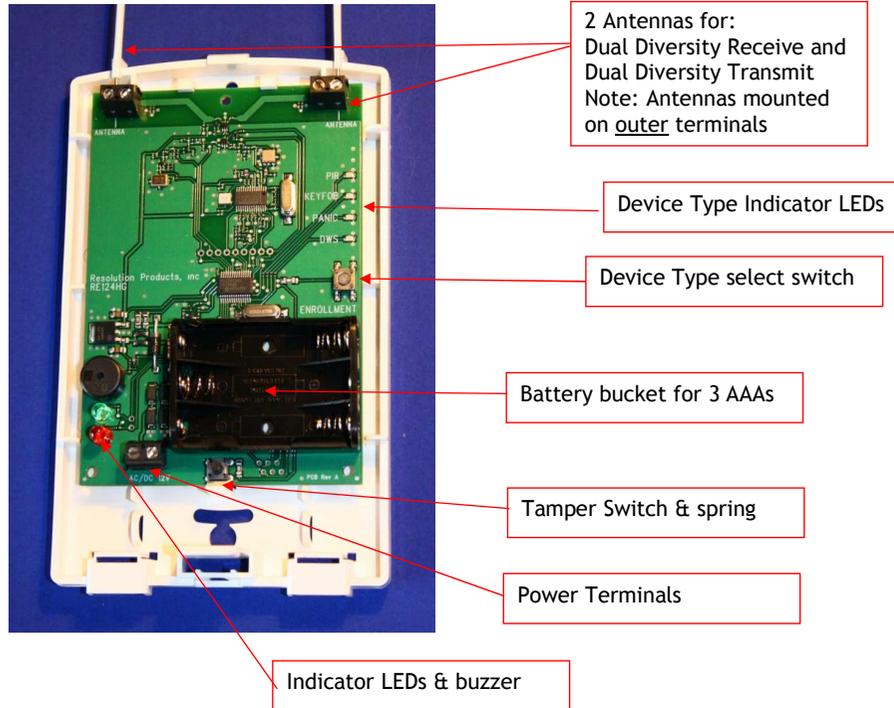
- Existing Honeywell protocol sensors transmit as usual. Translator passes information on to control panel as if they were DSC transmitters.
 - Honeywell fob buttons: OFF / ON / Left / Right, translate to DSC fob functions: OFF / AWAY / HOME / Panic
- Translator Module Zone wireless transmission (unique ID):
Tamper, when cover opened. Also sends restore.
Low battery, when low battery. Also sends restore.
Supervisory every hour. Supervisory stopped if 12V DC power absent.
Translator Module does not send any alarm signals about itself.
- LED Operation
 - Green LED
 - On if 12V DC power present.
 - Blinks on receipt of Honeywell-compatible packets.
 - Red LED
 - On if device low battery (unless there's no 12V DC power).
 - Blinks on transmit of GE-compatible packets.
- Application Diagram



Specifications

Receiver and Transmitter: Listens to SAW and crystal transmitters. Talks to SAW and crystal receivers.
Backup batteries: Three AAA Alkaline.
External supply: 12V DC, at least 50mA.
Current draw with supply: 4mA, normal operation.
Power Fail Conditions: 12V DC gone. Translator device ID supervisories (including low battery reports) are stopped during 12V DC loss.
Back-up Battery Life on 12V DC Fail: 72 hours (cumulative).
Device Low Battery: When approximately 48 hours remain in back-up.
Housing dimensions: 4x6x1 inches

Specifications subject to change without notice.



Notices

“GE”, “Honeywell”, and “DSC” are trademarks owned by General Electric Company, Honeywell International Inc., and Tyco Safety Products Canada LTD, respectively.

Resolution Products, Inc. products will function with one of either GE, DSC or Honeywell systems. However, no Resolution product is produced by, endorsed by, nor is officially associated with GE, Honeywell or DSC. Resolution recommends verifying proper enrollment and operation, per control panel installation instructions, at installation.

Do not use Translator for life safety devices, such as smoke or CO sensors.

Warranty

Resolution Products, Inc. will replace products that are defective in their first year.

FCC Notice

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

This device may not cause harmful interference.
This device must accept any interference that may be received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by Resolution Products, Inc. could void the user's authority to operate this equipment.

FCC ID: U5X-RE324

IC Notice

This product meets the applicable Industry Canada technical specifications/Le présent matériel est conforme aux spécifications techniques applicables d'Industrie Canada. 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.

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that permitted for successful communication.

IC: 8310A-RE324

Patents

Patent Pending.