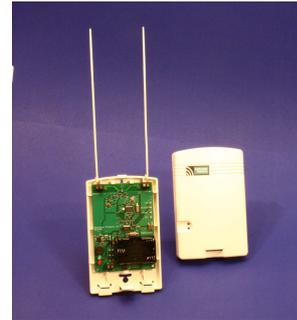




Wireless
Security
Solutions



RE224GH GE-to-Honeywell Wireless Translator

Features

- Listens to GE protocol wireless devices: DWS, PIR, Fob, Panic.
- Transmits Honeywell protocol wireless.
- No sensor enrollment required.
- All alarm, supervisory and trouble signals are passed through.
- Main device has its own unique ID for supervisories, complete reporting of main device tamper, external power supply fault and low battery.
- Dual antennas for both Receive and Transmit diversity for reliable range.
- Back-up battery protects during loss of external power.

Key Instructions

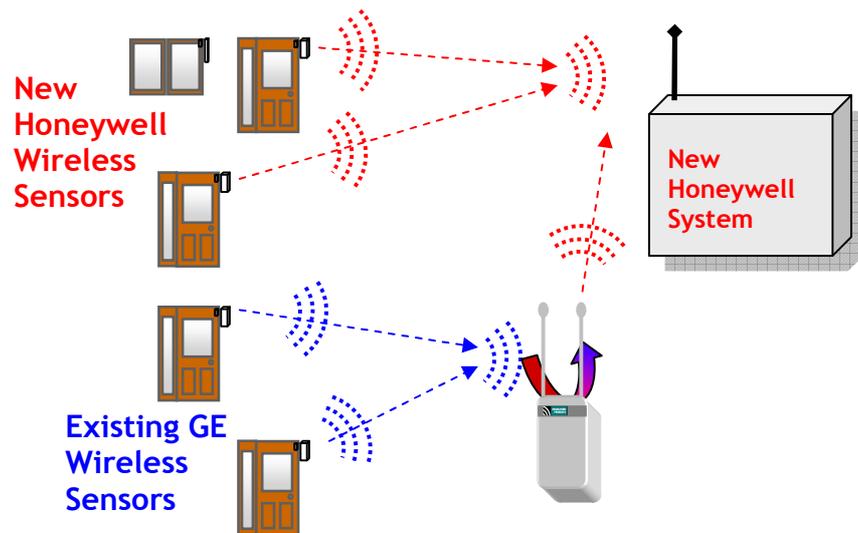
- External supply: 9-18V AC or DC, recommend 30+ mA.
- 3 AAA Alkaline batteries are for backup in case of external supply failure.
- Enrolling:
 - Main device may be learned into the panel by tripping the tamper. Main device does not need to be enrolled in the panel for the repeating function to work.
 - GE sensors may be enrolled into Honeywell system using the tripping enrollment mode. They are not enrolled in the Translator.

We may want to have known IDs that they can plug into the panel.

Operation

- Translator hears existing GE protocol sensors and repeats information in Honeywell protocol to control panel. Generally, sensors send 8 identical “packets” of information. The Translator ensures that a complete set of 8 packets are repeated to the control panel.
- Translator Main Zone wireless transmission (unique ID):
 - Tamper, when cover opened OR loss of AC. Also sends restore.
 - Low battery, when low or removed batteries. Also sends restore.
 - Supervisory sent every hour.

- LED Operation
 - Green LED
 - On if AC power present.
 - Blinks on receipt of GE-compatible packets.
 - Red LED
 - On if device low battery (unless there's no AC power).
 - Blinks on transmit of Honeywell-compatible packets.
- Application Diagram
 - Because the Translator has two antennas, for both receive and transmit diversity, it will generally have better range than all sensors, and many panels (particularly those with internal antennas).
 - Place the Translator generally in the center of the all the existing sensors it needs to hear. It will have no problem reaching the control panel.

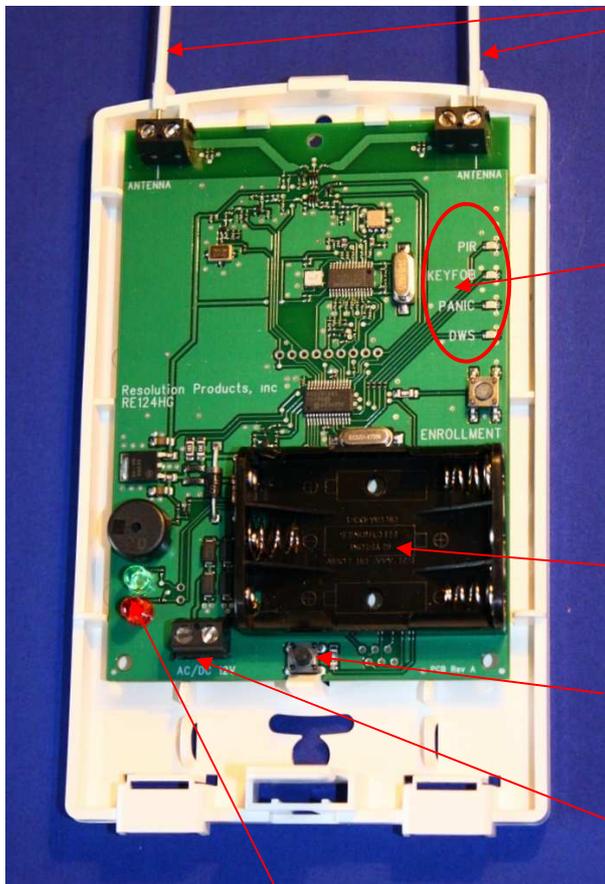


Specifications

GE Device Types:	Hears and translates DWS, PIR, Fob, Panic.
Backup batteries:	Three AAA Alkaline.
External supply:	9-18V AC or DC, uses 15mA nominally.
AC Fail Conditions:	AC gone. Restores on AC restore.
Device Low Battery:	Low battery detected within 30 seconds. Restores on device tamper OR on AC restore.
Back-up Battery Life on AC Fail:	72 hours.
Housing dimensions:	4x6x1 inches

Specifications subject to change without notice.

Internal Picture



2 Antennas for:
Dual Diversity Receive and
Dual Diversity Transmit
Note: Antennas mounted
on outer terminals

Unused:
Device Type Indicator LEDs
and Enrollment button

Battery bucket for 3 AAA alkalines

Tamper Switch & spring

Power Terminals

Indicator LEDs & buzzer

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 operation at installation.

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 the Resolution Engineering, Inc. could void the user's authority to operate this equipment.

FCC ID: U5X-RE224GH [pending]

IC Notice

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

IC: 8310A-RE224GH [pending]