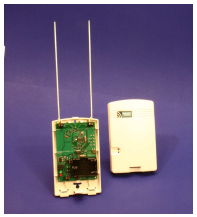
QS-8130-P01 IQ Translator™ TH
2GIG®-and Honeywell®-to-Qolsys Wireless Translator™



Features

- Listens to both 2GIG and Honeywell protocol wireless devices.
- Transmits Qolsys-compatible wireless.
- Enrolls up to 63 devices.
- Unique wireless ID 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.

Key Instructions

- Not for use with life safety devices, such as Smoke or CO sensors.
- Certain Honeywell Door/Window sensors will not translate correctly. See NOTICES.
- External supply: 12V DC at least 50 mA. Power terminals do not care which wire is positive or negative!
- 3 AAA Alkaline batteries give 72 hours backup if external supply fails. INSTALL BATTERIES ONLY WHEN EXTERNAL SUPPLY IS READY TO CONNECT.
- Enrolling:
  - Sensors
    1. Place Panel in Add Sensors mode.
    2. Select the behaviors you want the sensor to have.
    3. Press Translator Enroll switch repeatedly until Device Type LED matches the type of device you're enrolling. ENROLLING AS WRONG DEVICE TYPE CAN CAUSE IMPROPER OPERATION.
    4. Trip the particular 2GIG or Honeywell sensor as follows:
       - PIR: Tamper – ENROLL PIRs FIRST
         No tamper on Honeywell 5800PIR-RES: Insert battery
       - Panic: Button
       - Key Fob: Lower Right
       - DWS: Tamper
    5. Automatic responses:
       - Green LED blinks on receipt of 2GIG & HW packets.
       - Translator beeps on enrollment into Translator.
       - Red LED blinks on transmit of Qolsys packet to panel.
       - The Translator transmits packets to the panel as soon as it learns a new sensor.
       - Panel, if in Add Sensors mode, will generally learn the Trip Sensor signals simultaneously with the Translator.
  - Translator itself (necessary to monitor the Translator's health):
    1. Select Translator Group 13 behavior.
    2. When panel asks to "Trip Sensor", trip the Translator tamper.
  - 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 just 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 2GIG & Honeywell protocol sensors transmit as usual. Translator passes information on to control panel as if they were Qolsys transmitters.

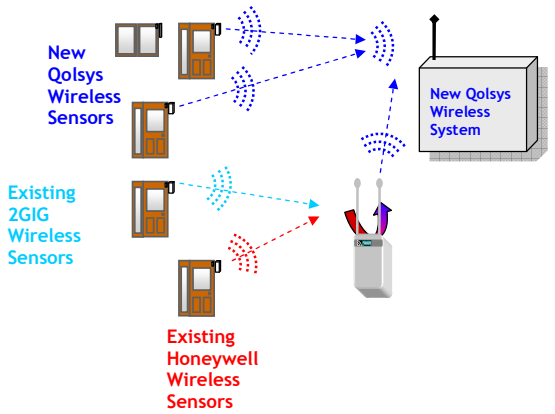
  Here is the Fob behavior…

2GIG Fob Buttons	HNW Fob Buttons	… do these actions on the Qolsys system
Unlock	OFF	Unlock
Away	ON	Lock
Stay	Left	Lights
Away+Disarm	Right	Double button press: Lock & Unlock
Star		no action

- 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 2GIG & Honeywell-compatible packets.
  - Red LED
    - On if device low battery (unless there's no 12V DC power).
    - Blinks on transmit of Qolsys-compatible packets.

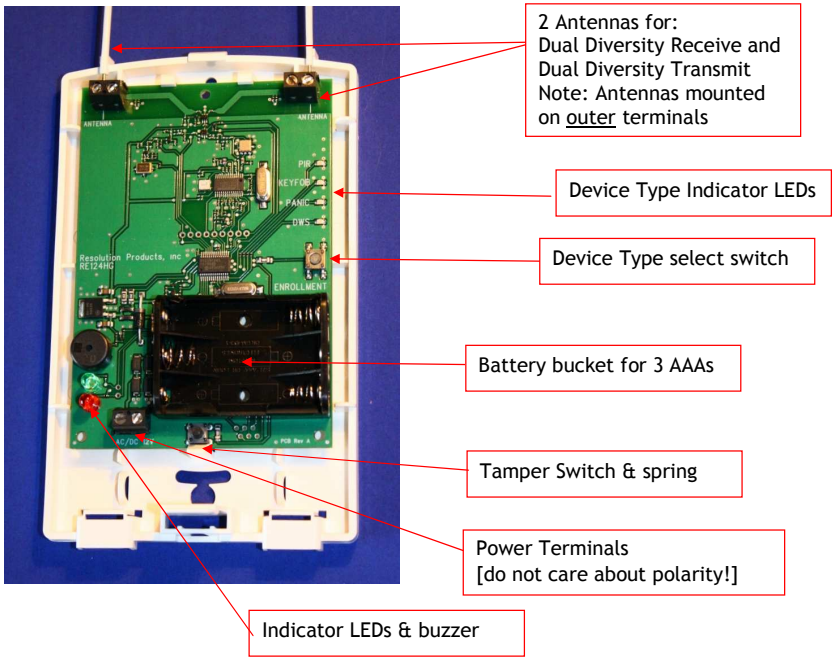
- Application Diagram



Specifications

Backup batteries:	Three AAA Alkaline.
External supply:	8.5 to 13 VDC or 6-9 VAC Standard: Resolution RE012: 12VDC, 50mA. Optional: GE 60-898-ITI, for securing screw Wire connection polarity DOESN'T matter!
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
Design & Manufacture:	Resolution Products, Inc.

Specifications subject to change without notice.



Notices

Not for use with life safety devices, such as Smoke or CO sensors.

"Honeywell", and "2GIG" are trademarks owned by Honeywell International Inc. and 2GIG Technologies Inc., respectively.

"Translator"is a trademark owned by Resolution Products, Inc.

This Translator product will function with Honeywell or 2GIG sensors. However, it is not endorsed by, nor is officially associated with Honeywell or 2GIG.

These Honeywell devices, which operate their primary zone on Loop 1, will not function correctly with the Translator, and should not be attempted to use: 5800 Micra, 5811 Micro, 5814 Micro, 5816 Temp, 5818 Recessed, 5820L Slim; and also devices that do multiple functions on multiple Loops: 5817 Commercial, 5819 Shock, 5870 Asset. These devices may enroll, but will not function correctly.

Warranty
Qolsys will replace products that are defective in their first two years.

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-RE124

IC Notice

This product meets the applicable Industry Canada technical specifications/Le présent materiel est conforme aux specifications 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.

This device has been designed to operate with the antennas listed below, and having a maximum gain of 2 dBi. Antennas not included in this list or having a gain greater than 2 dBi are strictly prohibited for use with this device. The required antenna impedance is 50 ohms.

- Resolution-supplied 8.5" monopole antenna

IC: 8310A-RE124

Patents

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