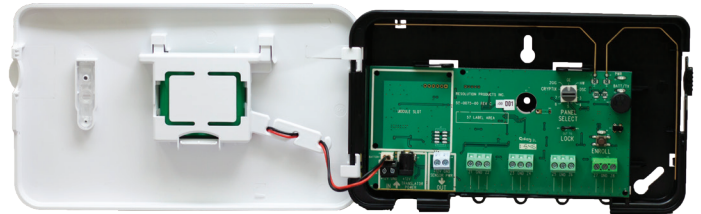
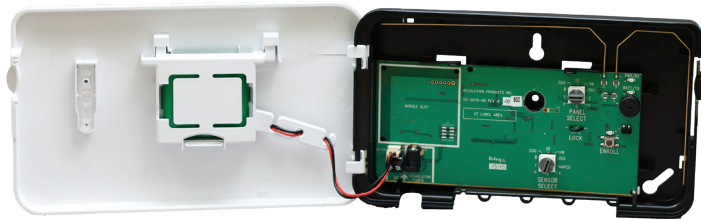


# Translators

Adopt existing sensors to reduce account creation costs.



**Alula's UL-listed translators expedite takeovers of both wireless, and hardwired installs. The battery-backed translators save costs by adopting existing sensors.**



## **Wireless to Wireless Translator** RE524X (Residential) RE524XC (Commercial)

Reclaims wireless intrusion devices into a new wireless panel, enrolling DWSs, PIRs, FOBs, glassbreaks and more. Speeds up takeovers and configures multiple wireless sensor-panel combinations with only two SKUs. The UL-compliant translators include a 12VDC wall transformer and back-up battery. Also functions as a repeater to increase sensor range and reliability.

- Compatible with most sensor brands
- Translates each sensor's alarm, supervisory and trouble signals to the panel
- Dual antennas increase sensor range and reliability
- Separate ID's supervise tamper, power, and low battery

## **Hardwired to Wireless Translator** RE508X (Residential) RE508XC (Commercial)

Converts hardwired intrusion zones to wireless sensors, enabling enrollment to a wireless panel. Universally configurable for multiple sensor-panel combinations using only two SKUs. The UL-compliant translators include a 12VDC wall transformer and back-up battery. Also functions as a repeater to increase sensor range and reliability.

- Compatible with most sensor brands
- 8 Hardwire loops, with end-of-line resistor auto-detect
- Unique wireless ID (or loop) for each zone
- Unique wireless ID for the device itself
- 12VDC available to back-up PIRs, glassbreaks and other 150mA (80 mA for UL) sensors
- Dual antennas increase sensor range and reliability
- Separate ID's supervise tamper, power, and low battery

# TECHNICAL SPECIFICATIONS

RE524X

RE508X

Physical		
Housing Dimensions	8.5 x 5.0 x 1.3 inches	8.5 x 5.0 x 1.3 inches
Weight with Battery	16.0 oz	16.0 oz
Tamper Activation	Cover Opening, Wall Removal	Cover Opening, Wall Removal
Mounting Fasteners	#4 or #6 screws (not included)	#4 or #6 screws (not included)
Environmental		
Operating Temperature	32° to 120°F (0° to 49°C)	32° to 120°F (0° to 49°C)
Storage Temperature	-4° to 86°F (-20° to 30°C), Long-Term	-4° to 86°F (-20° to 30°C), Long-Term
Maximum Humidity	85% relative humidity, non-condensing	85% relative humidity, non-condensing
Power		
12VDC Output	N/A	10.2VDC to 13VDC, 150mA Max (80mA Max for UL installations)
Power Transformer Input Output Part Number	100-240VAC 50/60Hz 0.5A 12VDC 1A RE012-6	100-240VAC 50/60Hz 0.5A 12VDC 1A RE012-6
Battery Backup Specifications Part Number Trickle Charge Fast Charge	24 hours minimum 6VDC 800mAh NiMH RE030 8mA 32mA	N/A 6VDC 800mAh NiMH RE030 8mA 32mA
Wireless Radio		
RF Frequency	319.5MHz, 345MHz, 433.92MHz	319.5MHz, 345MHz, 433.92MHz
Compatibility	Interlogix® (formerly GE®), Honeywell®, DSC®, 2GIG®, Qolsys®, Napco®	Cryptix® (Connect+), Interlogix® (formerly GE®), Honeywell®, DSC®, 2GIG®, Qolsys®
Sensors	Up to 128	N/A
Hardwired Zones		
Supported Types Powered Zones Non-Powered Zones	N/A N/A	4-wire devices only NC (Normal Closed) or NO (Normal Open)
Battery Backup Powered Zones Non-Powered Zones	N/A N/A	4 hours minimum at 80mA 24 hours minimum
Zone End of Line Resistor NC - No Tamper Detect NC - Tamper Detect NO - No Tamper Detect NO - Tamper Detect	N/A N/A N/A N/A	None (short) 750 ohm to 15k ohm None (open) 750 ohm to 15k ohm
Zone Wire Length	N/A	1000 feet max
Zone Wire Gauge	N/A	22 AWG min
Certification		
ETL Listings	RE524X: UL1023, ULC1023 RE508XC: UL1023, ULC1023, UL1610, ULC S304	RE508X: UL1023, ULC1023 RE508XC: UL1023, ULC1023, UL1610, ULC S304
Other	FCC, IC	FCC, IC

Specifications subject to change without notice.



ALULA

