



RE220-LS Wireless Security Sensor and Zwave Repeater

Features:

- Listens to other Lifeshield wireless devices and sensors, and re-transmits them to the main control panel.
- Extends range of system.
- No enrollment required to start repeating sensor signals.
- Received ID's are passed on unchanged to the security panel. All sensor alarms, supervisory, and trouble signals are passed through.
- Repeater has its own unique ID for supervisory, complete reporting of main device tamper, external power supply fault and low battery if desired.
- Dual antennas for both Receive and Transmit diversity for increased range.
- Back-up battery protects during loss of external power.
- After simple inclusion into an existing Zwave network, will act as active listening repeater Zwave device on the network filling in range gaps between other distant devices.

Key Instructions:

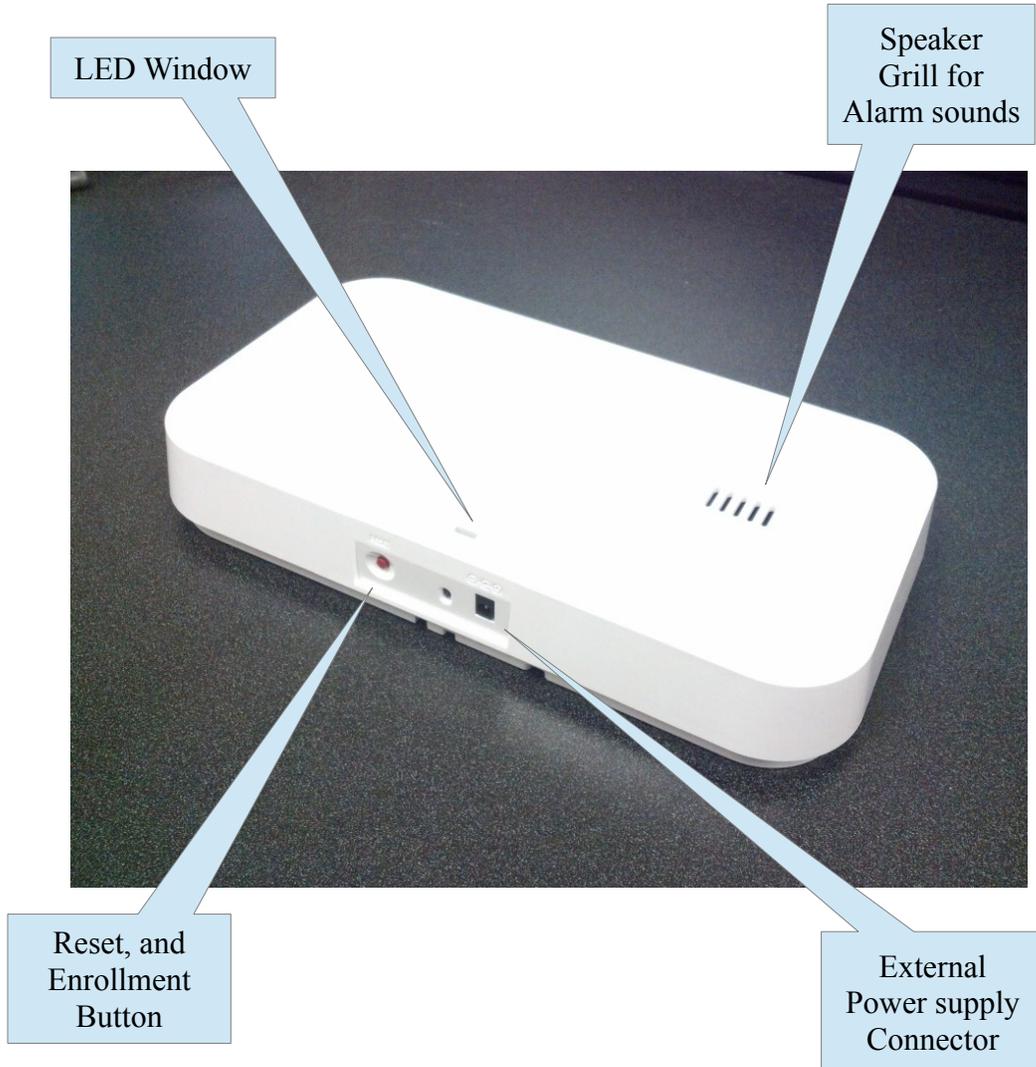
- Attached external supply.
- Install internal battery backup.
- Enroll sensors into panel as normal, the repeater should be transparent to other devices.
- Optionally enroll repeater into security panel:
 - Put security panel into enrollment mode, then press the red reset button on the repeater. This will put the repeater into enrollment mode to report back supervisory, battery information and tamper conditions.
- To repeat zwave signals, repeater must be enrolled into local network.
 - Put zwave into enrollment mode on the security panel, then press the red reset button on the repeater. This will also put the zwave repeater into enrollment mode to be included onto the local network.

LED Operation:

- Blue LED indicates power
- Green LED flashes to indicate a security sensor signal was received
- Red LED flashed to indicate that signals are being sent out (repeated)

Specifications:

- External power supply: 5VDC. If using different supply, 100mA minimum required.
- Battery backup: 2600mAh Li-ion 3.7V 18650 rechargeable battery
- Dimensions and weight: 9 x 5 x 1.375", 13.2oz
- Internal antennas
- Zwave chip: Zensys ZM5202



Notices:

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

FCC ID: U5X-RE220-LS
Model: RE220-LS