

**Date/Doc revision:** 19-Apr-2024

**Project Name:** RF Translator



A909LF

#### TECHNICAL SPECIFICATIONS

- **Model:** PRETROFIT
- **Tamper:** Yes
- **LEDs:** x4
- **Button:** x3
- **Wired:** Yes, Support Hardwired Sensors
- **Case Material:** ABS
- **Color:** White
- **External Power Supply:** 12VDC 1A, 100 - 240VAC 50/60Hz, UL Certified
- **Current Draw:** Output 12VDC max., 80mA for Wired Sensors
- **Backup Battery:** x1 - 2000mAh 3.6V Li-ion Battery
- **Backup Battery Life:** Min. 24 Hrs. for Non-powered Zones, Min. 4 Hrs. for Powered Zones
- **Operating Temperature:** 32° to 120.2°F (0° to 49°C)
- **Relative Humidity (Storage):** 85% Max. non-condensing
- **Weather Proofing:** N/A
- **Regulatory:** FCC, IC



#### CONNECTIVITY

- **Transmitter Frequency:** Rx 345MHz, Tx 433MHz
- **Tx Wireless Signal Range:** up to 656 ft, open air, with Security Panel\*
- **Rx Wireless Signal Range:** up to 492.12 ft, open air, with Translator\*
- **Modulation:** OOK
- **Encryption:** Yes, 345MHz (unencrypted) to 433MHz (encrypted)
- **Frequency Hopping:** N/A
- **Supervision:** Yes, ≈ 60 minutes

#### DIMENSIONS

- **Height:** 4.56 In.
- **Width:** 4.52 In.
- **Depth:** 1.02 In.

#### FEATURES

- **LEDs:** Rx Transmission, Tx Transmission, Power, & Configure
- **Button Actions:** Pairing, Sensor Select, & Configure
- **Supported Sensors:** 2GIG, Honeywell, Unencrypted
- **Maximum Enrollments:** 64 Wireless Sensors, 2 Hardwired Sensors
- **Life Safety Devices:** Not Supported

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\* The front of the Translator is facing the panel LCD. The panel is installed at a height of 4.92 ft. The Translator is installed at a height of 3.93 ft.

\*\* The location of the Translator can have a significant effect on range. In open/unobstructed situations, the transmitter range may be greater. In adverse wireless conditions, you may encounter a decrease in range. The RX range is dependent on sensor capabilities.