

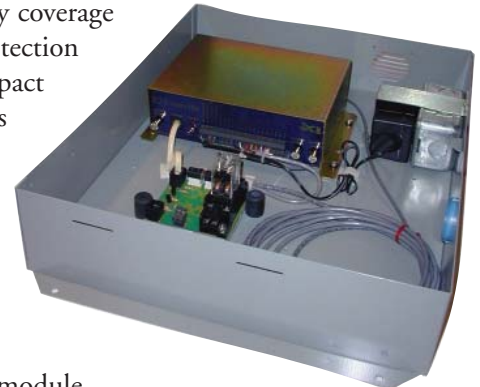
Elevator System

The Elevator system controls the operation of a facility's elevators. Instead of lobby coverage on every floor, the Elevator system travels with each elevator car, containing the detection field within that car. As a result, an alarm condition within one elevator will not impact the operation of other elevators in the bank. In addition, nuisance alarms from patients passing through the elevator lobby are eliminated.

The Elevator system initiates an 11-second pre-alarm when a tag is detected when the door is open. If a staff member enters a bypass code on the keypad mounted within the elevator control panel before the pre-alarm has ended, the elevator will go into bypass mode, which will allow normal operation. Otherwise, the system will go into full alarm, holding the elevator doors open until the tag is removed from the car.

Each Elevator System includes two antennas, an access keypad for bypass, an audio module, and an Elevator Controller interface.

Note: Depending on local building codes, a qualified elevator technician must either install the Elevator system or be present at the installation. Please check your local codes before attempting to install and Elevator System.



Elevator System Specifications (part no. SR3L01E)	
Input Frequency	433.92 MHz
Output Frequency	307 kHz
Input Voltage	110 VAC 20 W
Additional Inputs/Outputs	RS-485 and Wiegand Data: Transponder ID output Door Status: Elevator door status System Override: Shutdown system for fire or other alarm Elevator Disable: To disable elevator input
Relay Output (1)	Form C dry contact
Dimensions	Keypad: 4.5" x 2.75" x 2.5" (11.4 x 6.9 x 6.4 cm) Sound Module: 5.5" x 2.235" x 2.125" (13.9 x 5.7 x 5.4 cm) Antennas: 18" x 4" x 3.25" (46 x 10 x 8.3 cm) Cabinet: 18.5" x 15.25" x 4.0" (47 x 38.7 x 10.2 cm)

Features

- Special firmware optimized for elevator applications. When a tag is within detection range and the elevator doors are open, no alarm is generated for a few seconds to give staff time to enter a bypass code
- Detection area contained to the specific elevator. An alarm at one elevator will not affect the others
- Heavy-duty metal case protects against electro-magnetic interference
- Fire alarm override input prevents elevator door from being blocked open in the event of fire

