

Wander prevention

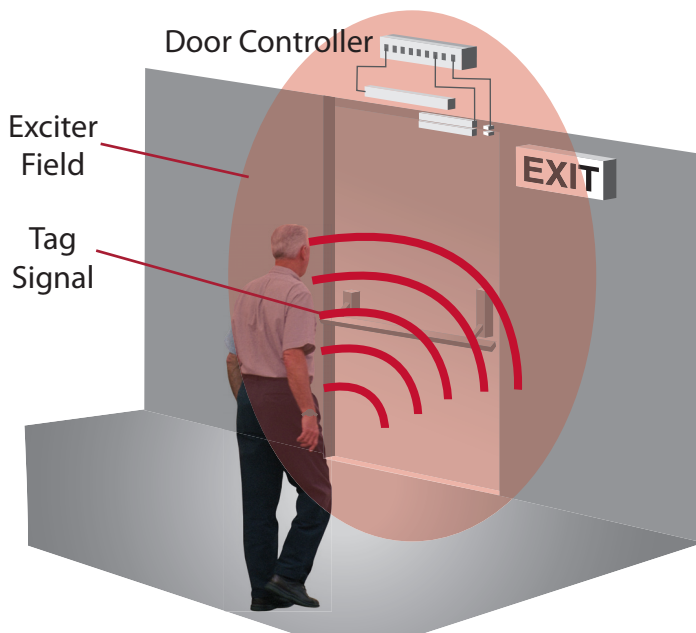
The RoamAlert® system provides effective wander prevention that is easy to implement, and easy for your staff to use. And it's proven itself at thousands of facilities over a period spanning more than 20 years.

The smallest and lightest resident tag

The RoamAlert tag is an advanced radio frequency device that is the smallest and lightest resident tag on the market today, weighing less than a third of an ounce. Worn by each resident requiring protection on either the wrist or ankle, the tag emits a unique ID number so that each resident can be individually identified. It is waterproof, hypoallergenic and can be transferred from one person to the next. For perimeter wander prevention applications, the RoamAlert tag carries a three year warranty.



Reliable and discreet door protection



The RoamAlert system provides highly reliable door protection. Each key exit from your facility is monitored by a door controller that projects an adjustable and tightly defined field around the exit. When a tag enters this field, it sends its unique signal to the door controller. If the door is open, a Wander Alarm is immediately generated; if the door is closed, the door controller can activate an optional magnetic door lock to hold the door securely shut, and generate a Loiter Alarm if the resident does not move away from the door within 55 seconds.

The door controller can be integrated with existing access control systems so that staff can escort a monitored resident through the exit. In addition, two on-board relays enable the RoamAlert system to activate a range of other devices, such as strobes and sounders.

The door controller is usually installed out-of-view above a drop-ceiling, helping you to maintain a home-like environment for your facility.

False-alarm free operation

Unlike many other wander management products, the RoamAlert system is not prone to false alarms due to interference from electric or electronic equipment, other RF devices or natural events like lightning.

There are three levels of protection to ensure that false alarms do not occur. First, the system operates in a frequency dedicated to low-power medical devices, reducing the chances of interference. In addition, tags only transmit when they are in the exciter field around the door, so stray signals are never generated by tags. Finally, the method by which the RoamAlert tag and the door controller talk to each other ensures that random bursts of radio waves will not generate false alarms.

Specialized protection for elevators

For facilities with multiple floors, protecting elevators can be a particular challenge. If the wander system is installed on the outside of the elevator, a monitored resident who is near to any open elevator door will cause all elevators to lock down. The RoamAlert system overcomes this problem with its UL-listed elevator system, which is installed *inside* the elevator car. An alarm occurs only if the resident actually enters the cab, and won't affect the operation of the other elevators in the bank.

The elevator system makes it easy for staff to escort a resident. No alarm is generated for a few moments after the resident enters the cab to give the staff member time to enter a bypass code on the keypad inside the elevator.



Key components

- Wrist Tag (AR3TA02-00W) — Includes three-year warranty
- Pocket Tag Reader (AR3TR02-POC) — For testing tag battery life
- Door Controllers — Include exciter antenna (for exits up to 20 ft. wide), bypass keypad, door contacts, 24 V/1.5 A power adapter
 - RoamAlert Door Controller (SR3ID03) — Compatible with the RoamAlert software
 - ECO Door Controller (SR3RZ02) — Not for use with the RoamAlert software
- RoamAlert Elevator System (SR3L03E) — Includes 2 exciter antennas, receive antenna, controller in housing, keypad, 24 V/1.5 A power adapter. Requires RS-485 Repeater (AR2NR01-485) for systems using the RoamAlert software.
- Vinyl Strap w/ Metal Snap (10 pack) (801A2701) — Spare straps for Wrist Tag
- Tag Rack (AGETR01-000) — Stores up to 42 tags

Accessories

- Select Sound Module (AGESM01-016) — Provides additional audible alarms at a remote location
- Tag ID Display (AR3DU01-000) — Displays tag ID number at the door
- ANN-6L 6-Zone Annunciator (AGEAN01-060) — Displays alarms (no ID information) for up to six Door Controllers
- RS-485 Repeater (AR2NR01-485) — For use with the RoamAlert Elevator System (SR3L03E) to ensure noise from the elevator shaft is not propagated along the RoamAlert network, or for networks longer than 4000 ft.
- Exciter Antenna (AR2SE01-0PK) — Second antenna for openings over 20 ft. wide
- SRA Attenuator (AR3AT01-000) — Reduces the size of the exciter field to enable very precise field definition, and avoid unwanted detection. Ideal for doors with high resident traffic nearby
- Central Power Supply (AGECP02-024) — Powers up to eight Door Controllers or other network devices
- Access Keypad Kit (AR3KY01-030) — Second keypad for exits that require bypass on both sides of the door
- Wiegand Interface (AR3WI01-000) — Integrates your card access system with RoamAlert to allow bypass using a standard Wiegand access or proximity card