Stand Alone RFID Systems
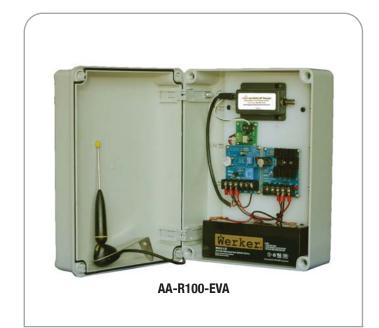## Law Enforcement Access Control for Gated Communities

AAID™ Long Range, Hands-Free, Stand Alone RFID reader systems are designed to provide fast and secure gate access control at gated communities for police and law enforcement, as well as fire, rescue, and private security vehicles.

The AA-R100-EVA reader system includes an adjustable range (20' - 150') Vehicle ID reader, timer relay output kit, weatherproof enclosure, power supply with battery back-up, and a remote Omni-Directional antenna.

The Timer Relay Output Kit can be set up to only open the entrance gate or to open the entrance and exit gates simultaneously.

Optional access controllers are available to keep track of and record all law enforcement and emergency vehicle activities.

Remote Omni-Directional antennas can be discreetly hidden to blend in with the aesthetics of the facility landscape.

AA-R100-EVA

Main Features

- Compatible with all automatic gate operators at gated communities
- "Plug and Play" Omni-Directional and Directional antennas are available
- Optional Wiegand, serial or ethernet LAN protocols
- Small, lightweight, with low power draw and full battery back-up
- AutoLocate™ dynamic tag tracking
- Adjustable tag read range (20' - 150') with standard antennas
- Secure encrypted transmission between tags and readers

Additional Application Solutions with RFID

transportation

gated communities

emergency evacuation

petrochemical

healthcare

manufacturing

mining

supply chain

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Specifications

READER
Rx Frequency
433.92 MHz

Power
12.5 VDC - 14.5 VDC @ 300mA

Operational Temperature
-40 °F to +158 °F

Storage Temperature
-40 °F to +158 °F

Humidity
5% to 90% (non-condensing)

AA-R100-EVA System
Size
12in x 9in x 5in

Weight
5 lbs.

Color
Light Grey

OPTIONAL WIEGAND INTERFACE
Size
110mm x 60mm x 25mm

Weight
Approximately 113 gms

Color
Light Grey

Parts and Ordering Information

AAID Law Enforcement Access Control System Kit	
AA-R100-EVA	Long Range, Stand Alone RFID law enforcement access control system for gated communities
Contact sales to discuss antenna options	

Typical Gated Community with AA-R100-EVA system installed

AutoAccess tags and readers provide an accurate, real-time and dynamic means to detect, track, control and monitor assets, vehicles, and personnel. This technology can be applied to operations and processes in all types of industries.

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