



## SafeMobile Passenger Tracking System

### SafeRFID™ System

SafeMobile offers a proprietarily developed and complete RFID System ideally suited for a variety of applications and environments. SafeRFID provides enhanced security and passenger tracking information while delivering the convenience, affordability and reliability of proximity technology.

The SafeRFID System includes the SafeRFID Tags and the SafeRFID Reader, both technologies proprietary to SafeMobile. The SafeRFID reader and tags make passenger tracking more accurate, more versatile, and most importantly, offer enhanced reliability through its TDMA capability. The special design of the SafeRFID System allows for directional reading of the SafeRFID Tags by the SafeRFID Reader, in such a way that a large number of tags can be read without causing any conflicts from simultaneous transmissions. The SafeRFID Tags allow the system to be effective in "RF challenged" environments like metal and precipitous conditions.

#### FEATURES

##### *Reliable Technology*

Offers extremely consistent and accurate read range, unaffected by body shielding or variable environmental conditions, even when mounted on vehicles.

##### *Transparent to Daily Operations*

The SafeRFID Tag carried by the passenger is so accurate consistent and burdensless to the operations process that the loading times onto the vehicle remain seamless.

##### *Durability*

Strong, flexible, and resistant to cracking or breaking.

##### *Mounting*

The SafeRFID Reader is installed directly above the vehicle stairs by being secured with four screws and a mounting bracket.

##### *Easily Interfaced*

The SafeRFID Reader's output can be easily interfaced with the SafeMobile Asset Management Systems offering customers both significant vehicle and passenger tracking information.



## SafeRFID Tag

The SafeRFID Tag acts passively if outside the SafeRFID Reader's range and becomes active within the reader's range. This feature successfully eliminates the possibility of reading tags outside the tracking scope.



- Dimensions: 2.6"L x 1.9"L x 0.7"H
- Data Link: 900 MHz ISM Band
- Supply voltage: 2 x AA Batteries

The tag is capable of storing large amounts of information and is enhanced with an internal power source with easily replaceable batteries.

## SafeRFID Reader

The SafeRFID Reader delivers outstanding and consistent performance with intelligent programming technology obtained through directional reading of the SafeRFID Tag.

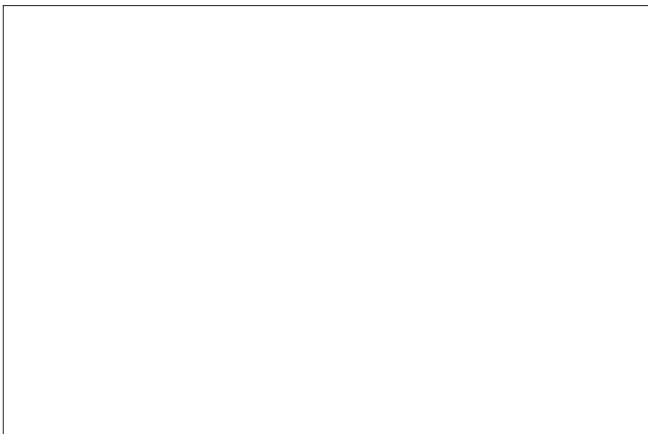
The SafeRFID Reader detects the SafeRFID Tags directionally, from multiple angles within a range of 78 inches, therefore eliminating the need of physically scanning the tag up close to the reader (i.e. HID's RFID technology requires scanning of the tag 3-5 inches away from the reader).

The SafeRFID Reader is also enhanced with sound capability to confirm when the SafeRFID Tag was read successfully.

- Supply voltage: 12 -15 V dc
- Beacon frequency: 125 KHz
- Data link: 900 MHz ISM Band
- 2 x opto-isolated inputs
- 2 x RS 232 serial outputs
- VT 100 console for programming



Local Authorized Reseller



### Key Features

- ☞ Directional RFID reading
- ☞ TDMA capability
- ☞ Proprietarily developed passive and active RFID device