

Applications

Our Extend-a-Read product is based on 433 MHz active (battery powered) anti-collision (read many simultaneously) Tags and a single Reader with whip Antenna thus not necessitating any further external components unless a range greater than 10' is required. Tags simply emit a data signal every 1.8 to 2.2 seconds. The Reader simply receives the Tag data transmission.

1. Hands Free Personnel Identification, Asset Tracking

Placing a Tag on your asset or employee allows you to track, locate, identify the last known location or set off an alarm.



2. Automatic Vehicle Identification

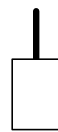
- Gated Community Access
- Fleet Tracking
- Employee Parking Access
- Private Parking Facilities
- Sand, Concrete & Gravel Yards
- Weigh and Identify Payloads



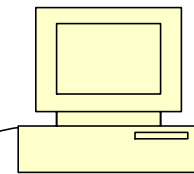
Tag on Truck



433 MHz



Reader



Your Controller

10' Range standard, 50' - 300' with external directional Antennas

Tags

Model EXT1 Personnel Tag

Dimensions: 3.375" x 2.125" x 0.25"

Weight: 2 ounces

Color: White

Housing: Sealed ABS

Model EXT2 Vehicle Tag

Dimensions: 3" x 2" x 1"

Weight: 4 ounces

Color: Black

Housing: Provides for metal spacing



Memory: Read only, 16 hex bytes to include 4 bytes unique assigned customer header

Temperature: -40° F to 185° F Operating

Frequency: 433 MHz

Life: 3 years standard at 1 data pulse per every 1.8 to 2.2 seconds

Range: minimum 10' guaranteed when using whip Antenna on Reader

Additional range may be realized dependent upon the environment being installed into 50' - 300' with external Antennas, further testing is being done at the time of this writing

The Reader

Dimensions: 4.75" sq. x 3.125"

Weight: 13 ounces 370 grams

Temperature: -40° F to 185° F

Power: +8 to +14 VDC @ 350 mA. (max.)
100 mA (typ.)

Protocols: RS232 Model EXR1
RS485 Model EXR2
Wiegand Model EXR3

Optional power jack mounted in Reader housing for use with AC power supply. Optional 9 pin d-sub connector for RS232 version.



<u>Part Number</u>	<u>Description</u>
720-04-01	AC Power Supply w/quick connect jack



egomexico
EXPERTOS EN RFID Y EPC