

Long Range RFID Asset and Vehicle Tag



T-8000

1st Choice T-8000 Long Range Vehicle Tags easily identify Automobiles, Trucks, Buses and towed Trailers for Gate Access Control at Military Bases, Airports, Gated Communities, Hospitals, Trucking and Bus Terminals, Mines, Single Family Homes, and all kinds of Commercial Facilities. When combined with T-9000 Personnel Badges, you can functionally link Drivers to Vehicles, Trucks and Cars to Trailers, Portable Construction Equipment to Trailers, and Trucks and Employees. For real "high security" applications, Tags can be covertly hidden in or on a vehicle as they do not have to be "seen" by the Long Range "passive" R-2000 Readers to be correctly identified. T-8000 Vehicle Tags can also be mounted directly to windshields with "metallic glass", if required.

The transmitted tag data includes Customer Site Code, Wiegand Facility Code, Wiegand Tag ID, Tag Age, "MotionDetect" Alarms and "TamperDetect Alarm. For protection against environmental conditions, all 1st Choice Vehicle / Asset Tags are ultrasonically sealed in a molded plastic case.

Features:

- * Easily attaches to all surfaces, including metal
- * Vehicle Tags can be monitored at 300+ mph
- * Dynamic Tag Tracking
- * Up to 7 years battery life
- * High impact UV stabilized PVC case ultrasonically welded and sealed
- * Adjustable Read Range:
1' - 600' with Standard Antennas
3,000' with Special Antennas
- * Optional Tamper Alarm and Motion Sensing Capability
- * Secure Encrypted Transmission between Tags and Readers
- * Tag Transmissions include battery life indicators
- * Tag transmits Serial ASCII data and 26 bit Wiegand coding for Access Control Systems

1st Choice T-8000 Tags are ideal for Real-Time Asset Loss Prevention and Real-Time Inventory for high value assets such as Laptops, Video Projectors, Computers, Hospital Equipment, Flat Screen TVs, etc. When used with R-2000 "passive" Readers, entire Buildings, Facilities or Campuses can be monitored for zone RTLS accuracy. All T-8000 Asset Tags are "metal compensated" and therefore ideally suited for mounting on metal assets or plastic assets containing a high metallic content. Mounting devices for T-8000 Tags depend on the type of application. For most assets, the standard mounting device is special VHB double-sided adhesive tape and the T-8000 has the option of built-in Tamper and Motion Switches for real-time alarms if the Tag is moved and/or removed from an asset.



Long Range RFID Applications

- * Transportation
- * Mining
- * Emergency Evacuation
- * Supply Chain
- * Petrochemical
- * Healthcare
- * Manufacturing
- * Gated Communities
- * Education

Tag Specifications

TX Frequency.....433.92 Mhz
 ERP.....< 300 Micro Watts
 Operational Temperature - 40° to +140° F
 Size..... 2.3" x 1.5" x 0.5 "
 Weight..... 0.7 oz
 Battery..... Internal Lithium
 Material.....UV Stabilized PVC

* This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules.

For More Information Contact:



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