



## Low Profile Sensor Transponder EV3-LPST

This product shares many of the high performance characteristics found in its sister product, EV3-ST. But, in addition to being fully ISO18000-7 interoperable with the rest of the EV3 family of products, this EV3-LPST boasts as ultra low profile, low power consumption, large memory storage, and an internally encased battery.

This device operates in a master/slave configuration with an interrogator. In all cases, the interrogator acts as the master unit initiating commands from the transponder. Once, the device has been successfully woken up, it will respond to data transmission from the interrogator by sending packets of data.

### OPERATION OF THE TRANSPONDER

This Device has a non-replaceable battery and is ready for operation.

### MOUNTING OF THE TRANSPONDER

This device can be mounted using to a desired location using appropriate methods, such as magnet, Velcro strips, screws or other means;

### SPECIFICATIONS

RFID Protocol	ISO 18000-7:2008
Frequency	433.92MHz
Power	Internal battery, primary lithium
Battery Life	>6 years at 2 collections per day
Range	feet unobstructed
Dimensions	
Weight	
Operating Temperature	-30°C to +70°C
Dust / Moist	IP 64
Beeper	Audible beeper for tag location and status indication
Memory	256 Kbytes
Compliance	FCC, HERO



This device complies with part 15 of the FCC Rules and with RSS-210 of Industry Canada. Operation is subject to the following two conditions: (1) this device must not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: 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. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

WARNING: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.