



Demanding More from Wireless Sensing



MODEL

**EV3-ATE**

#### DESCRIPTION

### Asset Transponder for Equipment

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This asset transponder features a small form factor and demonstrates excellent performance when attached to metal or electronic/IT assets. It benefits from all of the features of its sister-product the Asset Transponder including database and query support, increased range, and better performance when attached to a metal surface, though the ATE boasts much smaller form factor. This product can be mounted with a screw, Velcro, or an adhesive backing allowing tracking of smaller assets at an extended distance.

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With the EV3 family of products, it has never been easier and more cost-effective to dramatically increase visibility of assets in-transit through a complex supply-chain, monitor security breaches, and provide a more reliable and timely supply network.

The EV3-Series of hardware products is designed to provide dramatically improved functionality at a much more attractive price point than was attainable by previous conventional Active RFID design approaches. With the judicious use of Integrated Sensor and ASIC technologies, improved sensing and other value-added capabilities have been included across the family of products, while still improving the size, power consumption, and end-user cost of our hardware products. Consequently, any supply-chain management network built on these devices will enjoy an improved ROI along with significantly enhanced functionality, visibility, and security control. Additionally, products in the EV3 family are fully compliant and interoperable within the ISO 18000-7 standard and DoD RFID Equipment Guidelines.



| Model                 | Asset Transponder EV3-ATNRB                              |
|-----------------------|--|
| RFID Protocol         | ISO 18000-7:2009 + DoD 18000-7 RFID equipment guidelines |
| Frequency             | 433.92 MHz   |
| Range                 | 300 feet unobstructed when mounted to a metal surface    |
| Antenna               | Omni-directional internal                                |
| Power                 | Internal battery, primary lithium                        |
| Battery Life          | 4 years at 2 collections/day (replaceable)               |
| Weight                | 1.6 oz (45.4 g)  |
| Dimensions            | 3.3" L x 1.1" W x 1.05" H<br>8.3 cm x 2.8 cm x 2.7 cm    |
| Operating Temperature | -30 C to +70 C   |
| Storage Temperature   | -40 C to +70 C   |
| Dust and Moisture     | IP 64 (dust and water spray proof)                       |
| Memory                | 2 Kbytes   |
| Beeper                | Audible beeper for tag location                          |
| Compliance            | FCC Part 15.240 and Part 15.231<br>IC certified RSS-210  |
| Low Battery Indicator | From interrogator  |



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### About Evigia

Evigia is the industry leader in the development and deployment of integrated sensor and ASIC technologies to dramatically improve the functionality and cost of wireless and sensing products. The third-generation EV3 platform delivers smaller size, higher energy efficiency and lower cost products which allow significant improvement in the performance and cost of wireless sensing networks. Products in the EV3 family are fully compliant and interoperable within ISO 18000-7 systems.