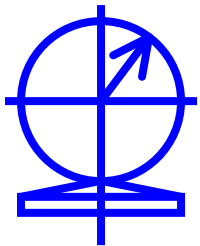


# RF Tags SA – RFID Realized



## *Active RFID System Evaluation Kit*



*An affordable and easy-to-use system packaged in a hardy case which is particularly convenient for the testing or demonstrating of concepts to potential customers or management.*

*It is also a convenient platform for testing and developing software and software concepts. The affordability makes it ideal for training courses, technical colleges, and potential user familiarization.*

*Demo and Application Software available from:*  
[www.rftags.co.za/products/active-tag-demo-kit.php](http://www.rftags.co.za/products/active-tag-demo-kit.php)

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### **Kit Contents**

- ❑ 1 x ATR-USB-01 Active Tag Reader with Internal Antenna
- ❑ 10 x BAT-01 Active Tags with Battery Status Indication (tag size 30 x 35 x 11.5mm).
- ❑ 1 x Memory Stick with Drivers, Documentation and PC Software. The source code for the PC software is included on the Memory Stick in VB, C# and C++.
- ❑ 1 x Plastic Carrying Case.

### **Key Features**

- ✓ Reader uses a single byte Command Structure.
- ✓ Reader retains configuration in Power-Down allowing configuration to be done before installation.
- ✓ Read range selectable between Short Range (up to 5 meters) and Long Range (up to 25 meters).
- ✓ Buzzer and LED indication for Tag Read. The buzzer can be disabled by command.
- ✓ LED indication of data transmission to and from the PC to which the reader is connected.
- ✓ Reader power supplied by the USB connection.
- ✓ Micro, Mini and Demo PC Application software downloadable from the RF Tags web site. Much of the software is free-of-charge.
- ✓ The batteries of the BAT-01 Tags will last between 3 and 10 years depending on the Transmission Repeat Rate programmed into the tags.

### **Support**

- ❖ Free telephonic or e-mail support is available for 30 days after the first support call is logged.
- ❖ Training videos and documentation are available on the RF Tags web site.
- ❖ Training courses available at the RF Tags premises in Pretoria or On-Site. Check the web site for details of training course schedules. For On-Site training, please request a quotation.
- ❖ RF Tags can develop custom software to suite your application.

### **Practical Deployment of Active Tag Systems**

**The Active RFID System Evaluation Kit can be used to implement small RFID systems. Large scale implementations will often require different readers as it is not practical to have a PC with USB connected reader at every read point. As described below, RF Tags has the equipment to REALIZE YOUR RFID APPLICATION.**

- The items supplied with the Evaluation Kit form part of the growing range of Active Tags and Readers available from RF Tags SA.
  - A number of “canned” applications are available from the RF Tags web site and the number of these applications will be added to on a regular basis.
  - Requests for applications to be made available on the web site will be considered on merit and if considered to be of general interest, will be added to the web site whenever possible.
  - Larger systems can be constructed using our LAN and RS485 reader variants. These support either PoE or PoD (Power over Data – a simplified version of PoE available on our RS485 readers).
  - RF Tags has an extensive range of communication options available for connecting the LAN and RS485 readers.
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