

The active RFID personnel tag is intended for use in all personnel security and access applications such as dynamic mustering and health and safety compliance, or on non-metal assets.

The active RFID personnel tag is intended for use in all personnel security and access applications such as dynamic mustering and health and safety compliance, or on non-metal assets. It is primarily for indoor use and can incorporate a motion sensor giving immediate alerts on movement. It offers different user-configurable rates for its status (regular) transmissions. The tag can also incorporate certain access control card chips (customer supplied) allowing dual use on both active RFID and legacy access control systems and a standard ID badge can be fitted to the reverse. Its collision avoidance algorithm can reduce loss of data caused by simultaneous transmission from multiple tags. In addition, it has a long lifespan of 3 years when transmitting at the standard or greater interval.



Key Features

- ✓ Ultra long-range transmitter
- ✓ Beacon tag transmitting a unique ID & data at pre-set intervals
- ✓ Can be configured to hold standard 26-bit Wiegand numbering
- ✓ Low battery warning
- ✓ Anti-tamper alert
- ✓ Adjustable movement alert
- ✓ Collision avoidance algorithm
- ✓ Passive RFID technologies including HID and UHF GEN2
- ✓ Available in grey or white housing
- ✓ Ultra low power consumption provides exceptional battery life
- ✓ Sealed to IP64 standards
- ✓ Incorporates dip-slot for convenient wearing and flexibility of use

Applications

- ✓ Personnel tracking
- ✓ Indoor use
- ✓ Windshield use
- ✓ Asset tracking
- ✓ Outdoor use

Technical Specifications

Environmental	
Operation Temperature	-30 °C to 60 °C
Storage Temperature	-40 °C to 70 °C
Humidity	5% to 90% (non-condensing)
Physical	
Size	85 x 54 x 6.5 mm
Weight	24 g
Color	Grey
Material	ABS (ultrasonically sealed) IP64
Radio Frequency	
Transmit Frequency	433.92 MHz
Power Output (avg.)	77 dBμ V/m @ 3m
Range	1 to 100+ meters (actual range is determined by the choice of reader & antenna used to detect the tag and the environment it is used in)
Electrical	
Power	Internally powered by lithium battery
Accessories (All sold in packs of 10)	
TATGP	Tag attachment kit
TA-TGP-AT	Tamper alerting tag attachment kit



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