

***This active RFID tag has a tamper resistant mechanism causing it to send an alert if an attempt is made to remove the tag.***

This 433 MHz active anti-tamper RFID tag features a compact size, long read distance, low power consumption, high anti-interference, and is dust and water proof. It also has RSSI field detection function and long lifespan. It offers reliable RF signal and communication distance even in unfriendly RF environments. The tag provides a read range of up to 150 m and is well suited for use in personnel identification and location, asset tracking, process monitoring and vehicle management.



### **Key Features**

- ✓ Long read distance
- ✓ Expandable memory
- ✓ Anti-tamper and anti-collision
- ✓ Low power consumption and long lifespan
- ✓ RSSI field detection function
- ✓ Low power warning

### **Applications**

- ✓ Personnel identification and location
- ✓ Asset tracking
- ✓ Vehicle management
- ✓ Logistics

## Technical Specifications

Operating Frequency	433 MHz
Read Distance	Maximum 150 m in open air
Memory Capacity	128 byte, Expandable
Battery Lifespan	> 5 years (one RF transmission per second), low power warning
Power Down Retention Period	More than 10 years
ID Number	32 bit
Modulation	2-FSK
Communication Baud Rate	250 kbps
Package	ABS
Dimension	86 mm × 55 mm × 4 mm (L×W×H)
Operation Temperature	-20 °C to 60 °C
Storage Temperature	-40 °C to 80 °C

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