

## ROV-1207 Metal Resistant Electronic Tag

The classic of small size and low cost metal resistant tag

This product is widely used in indoor asset management, inspection management, and tool management, with small size, easy installation, stable and reliable product performance.

### Main Advantage:

- ✚ Can work stably on metal surface;
- ✚ 100% of the products have been tested by the label consistency testing system imported from Europe;
- ✚ 100% memory write test;
- ✚ Materials and design have been tested for reliability;
- ✚ Extensive verification and use by domestic and international well-known customers;

### Main Feature:

- ✚ Product surface can be painted;
- ✚ Flexible and convenient installation ;
- ✚ After surface paint treatment, it can be used outdoors;

### Applications:

- ✚ Tool management;
- ✚ IT facility chassis management;
- ✚ Metal container management;
- ✚ Indoor and outdoor office equipment and facility management with metal enclosures;
- ✚ Personnel inspection management;
- ✚ Fixed asset management.



Tool Management Physical Picture

### 产品特性:

Air Agreement	EPC Class1 Gen2; ISO18000-6C
Working Frequency	902-928MHz
Chip Type	NXP UCODE 8
Chip Storage	NXP UCODE 8 Chip: EPC 128bits
Read-write Performance	Readable and writable (customers can repeatedly write content into the chip)
Data Storage	50 years
Warranty	1 year
Main Material	FR4
Surface Color	Black
Product Size	12mm*7mm*2mm
Operating Temperature	-25 degree C ~ +85 degree C
Storage Temperature	-30 degree C ~ +110 degree C
Storage Humidity	5%~95%
Installation Method	3M300LSE Double-sided Adhesive (Standard)
Product weight	About 1g/piece
Package	Carton
Drop Test	Passed 200 Drop Tests At 1 Meter Height
Alcohol Test	95% Alcohol Test Passed
Gasoline Test	No. 92 Gasoline Wiped Through
Alternating Test of High and Low Temperature	There were 7 cycles of high and low temperature from 40 °C to + 150 °C, and the test passed for 2 consecutive days
RoHS	Passed, the material passed SGS certification
IP Rating	IP63 (When spray-painted, it can be increased to IP65)
Fixed Reader (on metal)	More than 1 meter (4W EIRP, using Alien9900 fixed reader, if other readers, the reading distance may be different)
Hand-held Reader (on metal)	More than 45cm (Alien9011 handheld reader is used for reading distance in outdoor open spaces, if other handheld reader, the reading distance may be different)
Polarization Mode	Linear Polarization
RF Performance Consistency Testing	100% Tested and Passed (tested with European Finnish Voyantic Tagformance tester)
Optional	Surface Painting Treatment, Pre-writing

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