# 852011 ON METAL TAG

A cost effective UHF Tag used on metal surfaces

It can work stably and reliably on metal surface and off metal surface, which is widely used in indoor and outdoor asset management.

### **ADVANTAGES:**

- Work stably on metal surface amd off metal surface
- 100% memory writing tested.
- Both material and design have been tested for reliability.
- 100% function tested by Voyantec Tagformace.

### **MAIN FEATURES:**

- Can customize size for customers.
- Logo can be printed on the surface of tag.
- Can be lasered with barcode
- Resistant to acid-base, waterproof
- Convenient for installation.

## **APPLICATIONS:**

- Storage management.
- IT equipment management.
- Metal containers management.
- Metal equipment management.
- Personnel patrol management.
- Fixed asset management.



#### **CHARACTERISTICS:**

Compliance       EPC Class1 Gen2; ISO18000-6C         Frequency       902-928MHz , 865~868MHz (Can customize frequency)         Chip       Impinj M4QT ( Or Impinj R6 chip )         Memory       EPC 128bits User 496bits         Read/write       Yes (EPC and User)         Data Storage       50 years         Warranty       One year         Material       FR4         Dimension       85mm L x 20mm W x 11mm H (3.346in x 0.787 in x 0.443in)         Storage Temperature       -25 °C~ +70 °C         Operating Temperature       -25 °C~ +70 °C         Storage humidity       5%~95%         Delivery format       Single         Installation Method       Screw, rivet, glue, or 3M300LSE tape         Weight       ~ 10g         Package       Bubble bag and carton         Color       Grey         Power Supply       Passive         Drop Test       1 meters high, 200 drop test passed         Alcohol test       95% alcohol test passed         Gasoline test       Passed         High & low temperature shock test       -40 °C ~ +70°C, 7 cycles, total 48 hours	CHARACTERISTICS:	
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shock test	High & low temperature	-40 $^{\circ}$ C $^{\sim}$ +70 $^{\circ}$ C, 7 cycles, total 48 hours
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Temperature cycle test $-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$ , 7 times cycle time testing,	Temperature cycle test	-40 $^{\circ}\mathrm{C}$ $^{\circ}$ +70 $^{\circ}\mathrm{C}$ , 7 times cycle time testing,
48 hours total		48 hours total
RoHS Compatible	RoHS	Compatible
Read distance on metal Up to 6 meters (EIRP=4W)	Read distance on metal	Up to 6 meters (EIRP=4W)
surface Up to 4 meters ( With ATID AT880 handhe	surface	Up to 4 meters ( With ATID AT880 handheld
reader)		reader)
RF performance 100% tested by Voyantic Tagformace	RF performance	100% tested by Voyantic Tagformace
consistency test	consistency test	
Options pre-encoding, Barcode laser, logo	Options	pre-encoding, Barcode laser, logo



