





## 5010 ON METAL TAG





A classic UHF Tag used on metal surfaces

It does a stable and reliable UHF on metal tag, which is widely used in indoor and outdoor asset management.







### ADVANTAGES:

-  Be of good RF performance.
-  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 and photo can be printed on the surface of tag.
-  Can be lasered with barcode and serial number.
-  Flexible and convenient 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	NXP UCODE 8
Memory	EPC 128bits
Read/write	Yes
Data Storage	50 years
Warranty	One year
Material	FR4
Dimension	50mm L x 10mm W x 3mm H
Storage Temperature	-40 ℃ ~ +110℃
Operating Temperature	-25 ℃ ~ +70 ℃
Storage humidity	5% ~ 95%
Delivery format	Single
Installation Method	Screw, rivet, glue, or 3M300LSE tape (standard)
Weight	~ 10g
Package	Bubble bag and carton
Color	Black
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 ℃ ~ +70℃, 7 cycles, total 48 hours
Temperature cycle test	-40℃~+70℃, 7 times cycle time testing, 48 hours total
RoHS	Compatible
Read distance on metal surface	Up to 3 meters (EIRP=4W Alien9900 fixed reader) Up to 1.8 meters ( With Alien9011 handheld reader)
RF performance consistency test	100% tested by Voyantic Tagformace
Options	Surface laser, surface LOGO screen printing, pre-encoding, surface pattern processing, surface painting, surface printing.