

## 7020 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	Impinj M4QT ( Can customize tag with different UHF chips)
Memory	EPC 128bits User 496bits
Read/write	Yes (EPC and User)
Data Storage	50 years
Warranty	One year
Material	FR4
Dimension	70mm L x 20mm W x 3.4mm H ( 2.756in x 0.787 in x 0.134 in)
Storage Temperature	-30 °C ~ +110 °C
Operating Temperature	-25 °C ~ +85 °C
Storage humidity	5%~95%
Delivery format	Single
Installation Method	Screw, rivet, glue, or 3M300LSE tape (standard)
Weight	~ 12g
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 °C ~ +150°C, 7 cycles, total 48 hours
Temperature cycle test	-40°C ~ +120°C, 7 times cycle time testing, 48 hours total
RoHS	Compatible
Read distance on metal surface	Up to 3 meters (EIRP=4W) Up to 1.5 meters ( With ATID AT880 handheld reader)
RF performance consistency test	100% tested by Voyantec Tagformace
Options	Surface laser, surface LOGO screen printing, pre-encoding, surface pattern processing, surface painting, surface printing.