1616 CERAMIC TAG

A small size ceramic UHF Tag used on metal

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.
- Metal pallet management.
- Tool management.
- Gun management.

CHARACTERISTICS：

Compliance	EPC Class1 Gen2; ISO18000-6C
Frequency	902-928MHz , 865~868MHz　(Can customize frequency)
Chip	Alien H3
Memory	EPC 96bits　　User 512bits
Read/write	Yes (EPC and User)
Data Storage	50 years
Warranty	One year
Material	ceramic
Dimension	16mm Dia, 2mm T
Storage Temperature	-40℃~ +120 ℃
Operating Temperature	-25℃~ +85℃
Storage humidity	5%～85%
Delivery format	Single
Installation Method	3M300LSE tape
Weight	~ 0.5g
Package	Bubble bag and carton
Color	Black
Power Supply	Passive
Drop Test	1.5 meters high, 100 drop test passed
Alcohol test	95% alcohol test passed
Gasoline test	Passed
High & low temperature shock test	-40 ℃ ~ +85℃, 100 cycles,30 days
Temperature cycle test	-40 ℃ ~ +85℃, 100 cycles,30 days
RoHS	Compatible
Read distance on metal surface	Up to 2.5meters (With Impinj R100, 30dbm, 4dbi) Up to 0.6 meters(With ATID AT880 handheld reader)
RF performance consistency test	100% tested by Voyantic Tagformace
Options	pre-encoding, Barcode laser, logo