8020 ON METAL TAG

A popular 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, the quality of this module is superior to similar products of the same size.

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 Ucode8
Memory	EPC 128bits User 496bits
Read/write	Yes (EPC and User)
Data Storage	50 years
Warranty	One year
Material	FR4
Dimension	80 mm L x 20 m W x 3mm H
Storage Temperature	-30 ℃~ +110 ℃
Operating Temperature	-25 ℃~ +85 ℃
Storage humidity	5%～95%
Delivery format	Single
Installation Method	Screw, rivet, glue, or 3M300LSE tape (standard)
Weight	~ 20g
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 ℃ ~ +150℃, 7 cycles, total 48 hours
Temperature cycle test	-40℃～+120℃, 7 times cycle time testing, 48 hours total
RoHS	Compatible
Read distance on metal surface	Up to 5 meters (EIRP=4W Alien9900 fixed reader) Up to 3 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.