

LDR-8520P UHF RFID Anti-metal Tag

A long-life rfid tag for indoor and outdoor metal surfaces



This product can be widely used in indoor and outdoor asset management and inspection management. It can achieve good radio frequency performance when installed on metal and non-metal surfaces. The product performance is stable and reliable. It is the best among similar products.

Main advantages:

Air agreement	EPC Class1 Gen2; ISO18000-6C
working frequency	902-928MHz (European standard is available for the same size, and the frequency can be customized according to the application)
Chip type	Impinj M4QT、R6
Chip storage	M4QT : EPC 128bits, 512bits
Read and write performance	Readable and writable (customers can write content repeatedly into the chip)
Data preservation	50 years
Warranty	1 year
Main material	ABS
Product Size	85x20x11mm
Positioning hole size	The diameter of the positioning hole for product fixation is 4.03mm, and the center spacing of the positioning hole is 76.5mm
Operating temperature	-25℃~ +70℃
Storage temperature	-40℃~ +70℃
Storage humidity	5%~95%
Installation method	Screws, rivets, super glue, double-sided adhesive; (not standard, optional)
product weight	10g/piece

package	Carton
Surface color	Gray-black (surface color can be customized for more than 10,000 pieces)
Drop test	Passed 200 times drop test at 1 meter height
Alcohol test	Passed the 95% alcohol test
Gasoline test	No. 92 gasoline wipe passed
Acid and alkali resistance	Can withstand acid and alkali conditions PH=5~10
High and low temperature alternating test	-40℃ ~ +70℃ 7 high and low temperature alternating cycles, a total of 2 consecutive days passed the test
RoHS	Passed, the material passed SGS certification
IP rating	IP65
Fixed reader (on metal)	More than 6 meters (4W EIRP, using Alien9900 fixed reader, if other readers, the reading distance may be different)
Handheld reader (on metal)	Above 4.0 meters (the reading distance of the Alien9011 handheld reader in an open outdoor environment, if other handhelds are used, the reading distance may be different)
Polarization mode	Linear polarization
RF performance consistency test	100% tested and passed (tested by Voyantic Tagformace tester from Europe and Finland)
Optional	Pre-written, laser marking, silk-screen LOGO or text, plane printing pattern or variable information

Main advantages:

- ✓ It has good radio frequency performance when installed on metal surface and non-metal surface;
- ✓ 100% tested by the label conformance testing system imported from Europe;
- ✓ 100% pass memory write test;
- ✓ Material and design have been tested for reliability;
- ✓ Verified and used by well-known domestic and international customers;

Main feature:

- ✓ Label paper with or printed content can be pasted on the surface of the product;

- ✓ Exquisite silk screen printing on the label surface;
- ✓ The surface can be marked with laser;
- ✓ The reading distance of the product is far;
- ✓ The product installation method is flexible and convenient;
- ✓ Resistant to weak acid and weak alkali, waterproof;

Applications:

- ✓ Storage rack and locomotive management;
- ✓ IT facility chassis management;
- ✓ Management of large and medium metal containers;
- ✓ Management of power boxes and power facilities;
- ✓ Management of indoor and outdoor office equipment and facilities with metal casing;
- ✓ Cement building wall or column management (built-in);
- ✓ Personnel inspection management;
- ✓ Management of public facilities such as street lights and traffic light poles;
- ✓ Management of large and medium-sized fluid valves or pipelines;

