



9525 RFID TAG

A commonly used RFID tag for on metal or off metal applications

This product is widely used in indoor and outdoor asset management. It's performance is stable and reliable, and it's of the better quality than similar products of other brands.

CHARACTERISTICS:

Compliance	EPC Class1 Gen2, ISO18000-6C
Frequency	902MHz-928MHz or 865MHz- 868MHz
Chip	NXP Ucode 9
Memory	EPC 96-bit, User 0-bit
Read and write	Yes
Data storage	50 years
Warranty	1 year
Material	ABS (Indoor application) /or strong weather-resistant polymer material (indoor or outdoor application)
Color	Light blue
Size	95mm x 25mm x 5mm (3.740 x 0.984 x 0.196 in)
Positioning hole size	Positioning hole diameter 4.04mm, positioning hole center distance 86mm
Operating Temperature	-25℃ ~ +70℃ (-77°F ~ +158°F)
Storage Temperature	-30℃ ~ +70℃ (-86°F ~ +158°F)
Humidity	5% ~ 95%
Installation	Screws, rivets, super glue, 3M300LSE tape (optional)
Weight	About 13.5 grams
Package	Carton
Drop Test	Passed 200 drop tests at a height of 1 meter
Alcohol test	Passed the 95% alcohol concentration test
Gasoline test	Passed 92 gasoline wipe
Temperature cycle test	-30℃ ~ +80℃ (-86°F ~ +158°F), 7 cycles testing, 48 hours in total
RoHS	The material has been certified by SGS
IP Level	IP67
Read distance (fixed type reader)	On metal: up to 10m (4W EIRP, using Alien9900 fixed reader, other readers may have different reading distances)
Read distance (handheld reader)	On metal: up to 5m (using Alien9011 handheld reader in open outdoor space. If other handheld devices are used, the reading distance may be different)
Polarization	Liner
RF performance consistency test	100% tested and passed the Voyantic Tagformance test
Optional	Laser codes on surface, surface LOGO silk screen printing, pre-encoding

ADVANTAGES:

Long reading range:

It can be installed on metal and non-metal surfaces and has excellent RF performance.

Excellent product consistency performance:

100% tested and passed the Voyantic Tagformance test, it is of better quality than similar products.

Good product bandwidth:

The product bandwidth is higher than similar products. The product's performance consistency can still be maintained after long-term use.

APPLICATIONS:

Storage racks and locomotive management.
Large and medium-sized metal container management.
Power boxes and power facilities management.
Indoor and outdoor equipment and facilities management with metal casings.
Public facilities management such as street lights and traffic light poles.
Large and medium-sized fluid valves or pipeline management.