

This ultra high frequency RFID tag operates over a frequency range of 902 MHz to 928 MHz and is compliant with ISO 18000-6C EPC Class 1 Gen 2 protocol.

This RFID tag operates over a frequency range of 902 MHz to 928 MHz and is compliant with ISO 18000-6C EPC Class 1 Gen 2 protocol. It features a compact size, light weight and large memory capacity. It allows for the reading of up to 400 tags per second for 96 bit EPC number. The durable tag is certified to IP68 rating which allows stable performance even in harsh environments.



Applications

✓ IT asset tracking

✓ Tool tracking

Technical Specifications

Protocol	EPC C1G2 (ISO18000-6C)
Operating Frequency	902 MHz to 928 MHz (US); 866 MHz to 868 MHz (EU)
IC Type	Alien H3
Memory	512 bit user memory; 64 bit TID; 96 bit EPC
Read Rate	400 tags per second for 96 bit EPC number
Write Cycles	100000 at 25 °C
Data Retention	50 years
Operation Temperature	-40 °C to 85 °C
Application Temperature	-40 °C to 150 °C
IP Rate	IP 68
Attachment	Adhesive
Size (L × W × H)	5 × 5 × 3 mm
Weight	0.4 g
Avg. read range on metal, 4W EIRP	2.0 m
Avg. read range in metal, 4W EIRP	1.0 m

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