

The high performance UHF RFID tag provides a long read range of up to 7 meters on metal and 3.5 meters in metal.

This UHF RFID tag is compliant with EPC class 1 Gen 2 and ISO18000-6C protocols and offers a long read range of up to 7 meters on metal and 3.5 meters in metal reader dependent.



Key Features

- ✓ Compact size, light weight
- ✓ Provides long read range of up to 7 meters on metal and 3.5 meters in metal
- ✓ Provides 400 tags per second read rate for 96-EPC bit number
- ✓ IP68 housing
- ✓ Compliant with EPC class 1 Gen 2 and ISO18000-6C protocols

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 EPC bit 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)	25 × 9 × 3 mm
Weight	3.6 g
Avg. read range on metal, 4W EIRP	7.0 m
Avg. read range in metal, 4W EIRP	3.5 m

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