

The UHF RFID tag is ISO18000-6C EPC Class 1 Gen 2 compliant and is well suited for tracking IT assets, tools and other metal products.

This UHF Gen 2 RFID tag features an ultra-small form factor and is specially designed for tracking metal items. It provides a read range of up to 3.6 m on metal application and 1.8 m in metal reader dependent.



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 (LxWxH)	10x5x3 mm
Weight	1.4 g
Avg. read range on metal, 4W EIRP	3.6 m
Avg. read range in metal, 4W EIRP	1.8 m

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