

Everything you need to read and write UHF RFID tags – including the tags



If you are considering using RFID tags to help improve asset tracking and management in your business here is a simple affordable starter kit to help you along the learning curve. The package includes a bench top UHF RFID reader/writer, tag read/write software and a pack of 10 assorted tags.

The reader antenna is built in to the unit and has a very short read range in order to avoid interference from other nearby tags or readers. It will interact with tags in any horizontal orientation. The accompanying Codegate software is designed to read or write one tag at a time, giving all available tag details and accessible stored data. A keyboard injector app is also included to configure the reader operate in a similar way to a bar code scanner by passing tag data to the keyboard buffer so that it will transfer directly to the active application. Access to the reader SDK is also provided to allow developers to integrate their own applications.

Full Specification

Protocol	ISO18000-6B,ISO18000-6C (EPC GEN2).
Frequency Range	865~868MHz.
Operation Mode	Fixed Frequency or FHSS Software Programmable.
RF Power Output	0~27dBm.
Reading Rate	Software Programmable, Average Reading per 64Bits : <10ms.
Reading Mode	Auto And Touch or Software Programmable.
Reading Range	Reading Tag >0.2m.
Reading Indication	Buzzer and LED.
Antenna	Built-in small round polarization Antenna.
Power Supply	DC +5V (Power Adapter) supplied.
Dimensions	140mm × 110mm × 30mm.
Net weight	0.5 Kg.
Operating Temp	−5°C to +50°C.
Software	Stand alone tag Read / Write application, Keyboard injector application, SDK available on request.
Operating System	Win XP, Vista, Windows 7, Windows 8 and Windows 10.