This high frequency RFID reader/writer is ideally suited for such applications as jewelry tracking, laundry management, document tracking and logistic tracking.

This easy to use 13.56 MHz RFID reader/writer reads multiple tags in a long queue. It is compliant with ISO 15693 standard and is finished with heavy-duty metal for durability even in harsh environments. This compact size reader/writer communicates with a computer through an RS232 or RS485 interface for data exchange. It is an ideal solution for jewelery tracking, laundry management, document tracking and logistic tracking.

Key Features

- ✓ Compact size for easy installation
- ✓ Anti-collision
- ✓ One reader supports four antenna
- ✓ Data reading and writing functionality
- ✓ LED signal indicators
- ✓ Heavy-duty proof metal housing
- ✓ Reading distance up to 25 cm

Technical Specifications

Physical Reader/Writer	
Operating Frequency	13.56 MHz ± 7 kHz
Supported Transponders	Tag-it™ HF, I-Code SLI/SL2, ISO15693 Compliant Transponders
Power Supply	12 VDC ± 5% (Noise Ripple: Max 50 mV) / 500 mA
Transmitter Power	Min. 450 mW
Antenna Connection	SMA female
Antenna Impedance	50 ohm ± 10% (At 13.56 MHz)
Antenna SWR	1.1 to 1.2 (at 13.56MHz)
Communication I/F	RS232 and RS485 / 19200,n,8,1
Optical Indicators	3 LED's for status diagnostics
Operating Temperature	-10 °C to 50 °C
Antenna	
Operating Frequency	13.56 MHz
Reading Distance	Up to 25 cm
Antenna Connection	SMA-plug (50 ohm)
Antenna Cable	RG174 / 2M
Antenna Impedance	50 ohm ± 20% (@13.56MHz)
Antenna SWR	1.1 to 1.2 (at 13.56 MHz)
Number of Tags at Same Time	32
Protection Class	IP40
Dimension	345 mm x 240 mm x 20 mm

13.56MHz RFID Reader/Writer with Antenna

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