



This contactless RFID reader/writer is specially designed for RFID identification with associated data input such as end-user sales information at a POS terminal.

This 13.56MHz RFID reader utilizes advanced MIFARE I contact-less RFID technology to enhance collection of information associated with RFID cardholders. It is commonly used in retail stores, libraries, and any point of sale application. The HF RFID reader offers a read distance of up to 8cm with ISO 14443A compliant transponders. With an IP40 protection rating, this RFID reader/writer is waterproof and dustproof and can be used in harsh environments.



Applications

Retail Store, library, Point of Sale activity, etc

Technical Specifications

Frequency	13.56KHz
Baud rate	19,200bps N, 8,1,1
Memory	2.5 or 4.5 SDR AM
Read distance	Up to 8cm with ISO 14443A compliant transponders
Power requirements	Variable 6 – 12 VDC – 9 VDC, 150mA
Interface	1 RS232 serial ports and 1 RS485 interface, TCP/IP
Keypad	16 Key
Display	LCD display
Housing	ABS
Technical certificates	CE, FCC
Waterproof and dustproof	IP40
Operating temperature	0°C to 60°C
Storage temperature	-20°C to 70°C



Humidity	10% to 90% relative
Antenna compatibility	Built-in
Antenna connection	Non required
Transponder compatibility	ISO 14443 type A
Dimensions	15cm (L) 8cm (W) 8(H)
Weight	30g
Additionally features	Built-in 33.6kbps-eModem remote communication module keyboard data entry





GAO RFID Inc.

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Product Overview

13.56MHz Contactless RFID Reader/Writer (233005)



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GAORFID.com
GAOTek.com
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GAOEmbedded.com
GAOResearch.com

Toll Free (USA & Canada)

1-877-585-9555

All Other Areas

416-292-0038

Dial Ext.601 for Sales
Ext.602 for Other Inquiries

China: 86-519-80691090
86-519-80691089

sales@GAORFID.com