

***This high and low frequency has dual read technology for reading a variety of RFID tags.***

This high and low frequency RFID reader applies dual read technology allowing it to read a wide variety of RFID tags. It reads the unique serial number which can have prefix or suffix. This reader is used for many applications including for access control by scanning a user's RFID enabled card for system authorization.

This dual frequency RFID reader supports multi-detection and offers a high baud rate from 2400 bps to 19200 bps. It reads a variety of RFID cards compliant with ISO 14443A Mifare MF, Ultralite, DESfire. The compact LF or HF RFID reader communicates with a PC via RS232 interface and is powered by 5 V DC 150 mA adaptor for continuous operation.



## Technical Specifications

Frequency	125 KHz or 13.56 MHz
Power requirements	5 V DC 150 mA
Communications Interface	RS232
Baud rate	2400 to 19200 bps N, 8, 1
Read Distance	Contact with cradle required
Technical Certificates	CE, FCC
Dimensions (mm)	L 120 X W 86 X H 42
Weight	150 g
Operating Temperature	-0 °C to 50 °C
Storage Temperature	-10 °C to 60 °C
Humidity	10 to 90% relative
Multi-Detection	Yes
Antenna Compatibility	Built in
Antenna Connection	Non required
Transponder Compatibility	EM compatible 64 bits, ASK Manchester, ISO 14443 A Mifare MF1 1 K & 4 K, Ultralite, DESfire Read Only



**GAO Group**

[GAORFID.com](http://GAORFID.com)

[GAOTek.com](http://GAOTek.com)

[GAOResearch.com](http://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

[sales@GAORFID.com](mailto:sales@GAORFID.com)