



This reader is an excellent value for a wide range of applications such as access control systems, parking systems and outdoor applications.

This compact mid-range reader features multiple interfaces including Wiegand, magnetic stripe and RS232 serial ASCII output making it easy to enable RFID as an upgrade to existing installations. The RFID reader runs on any DC regulated voltage from 5 V to 12.5 V DC retaining a good read range even 5 volts. It is an excellent tool for a wide range of applications such as access control systems, parking systems and outdoor applications.



Key Features

- ✓ Externally programmable interface
- ✓ Wide voltage range
- ✓ Good read range
- ✓ Weather resistant
- ✓ Compact size

Specifications

Display	Status LED's
Power Requirements	5 V to 12.5 V regulated DC at 65 mA
Interface	Wiegand 26 bit, RS232, Mag-stripe
Baud Rate	9600 bps N, 8, 1
Data Structure	64 bit Manchester coding
Frequency	125 kHz ASK
Read Distance	30 cm with ISO cards
Transponders Supported	EM4001/EM4002 compatible
Technical Certificates	CE, FCC
Dimensions	10.3 cm x 6.3 cm x 2 cm
Weight	50 g
Housing	ABS
Operating Temperature	-10 °C to 60 °C
Storage Temperature	-20 °C to 70 °C
Humidity	10% to 90% relative



GAO RFID Inc.

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Celebrating Over 15 Year of Innovation

Product Overview

125 kHz Mid-Range Reader (211006)



GAO Group

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