



This low frequency, fixed reader is well suited for continuously operation in harsh environments such as feeding stations, animal scales and sorting gates.

This RFID reader is compliant with ISO11784/5 standard and communicates with computer through RS232 or RS485 interface. Its patented auto-tuning function and diagnosis modules enable on-site set-up and diagnosis for noise problems, which makes it unique and outstanding among the readers in this class. The reader also supplies a synchronous clock enabling applications where several readers or antennae are used in close proximity. This fixed RFID reader has a durable case with an IP54 protection rating, and its integrated LEDs and function key provide for ease of operation. The reader also supplies a clock synchronization enabling applications where several readers or antennae are used in close proximity.



Key Features

- ✓ Optional synchronous clock
- ✓ Performs well even in the worst conditions
- ✓ Transponders with widespread H4102 chip can be read (optional)
- ✓ Able to read all FDX-B and HDX RFID transponders
- ✓ On-site set-up and diagnosis for noise problems



Main Specifications

Frequency	134.2 kHz
Transponder Types	HDX compatible (ISO 11784/5)
	FDX-B compatible (ISO 11784/5)
	H4002 compatible (optional)
Read Range (with antenna 312001)	Up to 80 cm with HDX transponder of Ø 30 mm Up to 60 cm with FDX-B transponder of Ø 30 mm
Interfaces	RS232 or RS485
Power Supply	12 V DC, 400 mA, linear
Temperature Range	0 °C to 60 °C
Dimensions	175 mm x 135 mm x 90 mm (L x W x H)
Weight	Approximately 500 g





GAO RFID Inc.

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Celebrating Over 15 Year of Innovation

Product Overview

134.2 kHz Stationary RFID Reader (212002)



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