



This active RFID reader is encapsulated with an ABS case and survives in harsh industrial conditions.

This active reader operates at the frequency of 433MHz. It supports data uploading on a real time basis or data buffering for later retrieval and reads tags at distances up to 8m. Its gain is adjustable from high to low gain mode via the software. In stand-alone mode, the RSSI (received signal strength indication) is set dynamically to control the read range of the reader. Working in conjunction with GAO's RFID tags, it allows users to choose to monitor multiple tags or single tag.

Key features

- ✓ The reader's gain can be adjusted from high to low gain mode dynamically via software
- ✓ The reader is completely plug and play
- ✓ The reader complies with all the USB 1.1 standards. Meaning it can interface to any USB hub etc
- ✓ In stand-alone mode the RSSI setting can be set dynamically via software. Which controls the read-range of the reader
- ✓ The user receives a working DLL to interface to the reader. This then simplifies interfacing on software level to hardware, which makes the reader very transparent



Technical Specifications

Frequency	433MHz
Typical reception range	8 meters (24feet)
Type of material	Fire resistant ABS
Size	81mm x 57mm x 20mm (oval enclosure)
Weight	Approx. 72gms
Color	Ice blue (Clariant 04-600 1%)
Operating temperature	-10°C to 60°C
Storage temperature	-20°C to 70°C





GAO RFID Inc.

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Product Overview

Active RFID Reader with USB Compatibility (214014)



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