



This full featured mouse-sized RFID reader/writer is capable of connecting to any standard USB port for data transmission and for power supply.

This small yet, full featured mouse-sized RFID reader/writer is designed for the desk-top and is available for both UHF and HF RFID frequencies. (See USB Enabled UHF RFID Reader/Writer model 10216008 for the ultra high frequency version).

Common uses for the USB RFID reader are verification and programming of RFID tags and labels, personnel identification and access control to computers or terminals, Point-of-Sales (POS) applications or use with similar data entry instruments, and many other applications for supply chain, retail, or logistics.

The easy-to-use, Plug and Play, mouse-like RFID reader is encased in a plastic and connects to any standard USB port for data transmission and for power supply. Simple LED indicators immediately verify the status of the RFID transponder that is within its read range of approximately 3cm. The portable, light-weight unit ships with a 1.5m USB cable and demo software and sample tags that will have the user up and running without delay.





Applications

- ✓ Personnel Identification
- ✓ Point-of- Scales (POS) Applications
- ✓ Retail
- ✓ Access Control to computers or terminals
- ✓ Supply Chain
- ✓ Logistics

Features

- ✓ Mouse size reader for convenient use
- ✓ Ultra light and easy to carry around
- ✓ Simple installation(“plug and play”)
- ✓ Powered by USB
- ✓ Dual mode HF (13.5MHz) and HF (125KHz) simultaneously
- ✓ Offers a clock synchronization enabling application with several reader/antennas in close proximity
- ✓ Designed for continuous operation in feeding stations, scales or sorting gates
- ✓ Powers one or two large antennas
- ✓ Reads all FDX-B and HDX RFID tags while achieving a very good reading range in accordance with ISO 118784/5





Technical Specifications

Power Supply	Powered by USB	
Current consumption	Max. 150mA (operation)	
Operating frequency	13.56MHz, 125KHz	
Radiated transmit power	≤200Mw	
Read/write distance	Up to 70mm; dependent on type/size of tag	
Transponder protocols	HF:ISO 156931-class unique number, 1-code™, 1-Code SLI, my-D, my-D secure, ISO 14443A, fare®, ISO 14443B unique number, LF: proxEntry®, HITAG2, EM4002/4102, Temic chip technologies	
Interface	USB	
Conformities	Human exposure	EN50364
	EMC	EN 301 489
	Air interface(EU)	EN300 330
	Air interface(US)	FCC Part 15
Housing	Polycarbonate	
Protecting class	IP30	
Operation temperature	5°C to 55°C	
Storage temperature	-20°C to 70°C	
Humidity	5% to 95%	
Dimension(mm)	80mm × 57mm × 19mm	
Weight	Approx.43g (without USB cable)	





GAO RFID Inc.

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Product Overview

USB Enabled HF RFID Reader/Writer (223015)



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