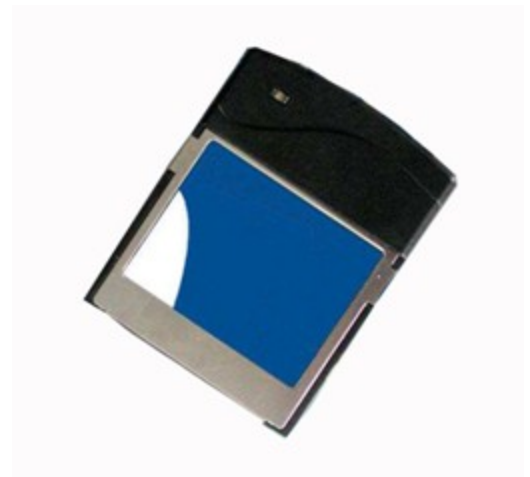




This long distance UHF RFID interrogator features remarkable performance in identification, track and trace, and localization of assets or people.

This UHF RFID interrogator compact flash (CF) card operates at a standard frequency of 868MHz for Europe or 915MHz for North America. It uses an anti-collision algorithm to accurately transmit and receive information to and from numerous RFID tags at a maximum distance of 300 feet. The interrogator has remarkable performance in identification, track and trace, and localization of assets or people. It provides for seamless data acquisition when used in a laptop, handheld PDA or mobile computer. It is furnished with built-in software which enables data processing, firmware update and tag communications. The advanced RFID card downloads or uploads data at a fast rate of 115.2 Kbits/s typically. It also provides reliable identification of fast-moving objects at an identification rate of 100tags/s and is able to identify 2,000 tags simultaneously.



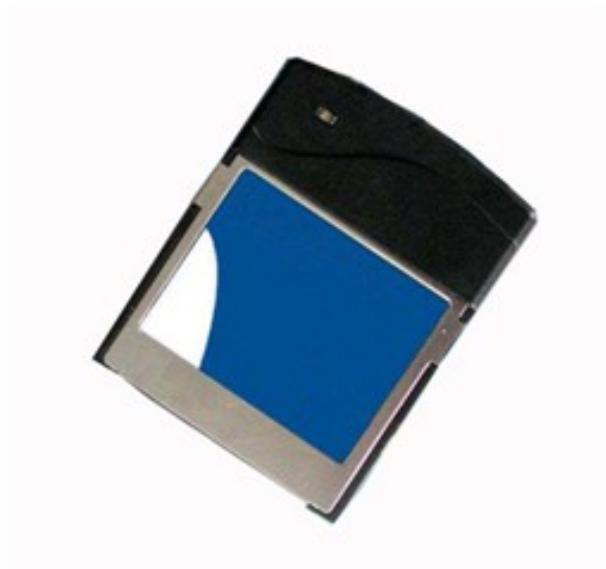
Key Features

- ✓ Software adjustable communication range, up to 100m (300ft)
- ✓ Provides reliable identification of fast-moving objects
- ✓ 100tags/s identification rate
- ✓ Simultaneously identifies 2,000 tags
- ✓ Provides drivers for different operating systems ensuring flexible and hardware independent use
- ✓ Integrates easily into existing handheld or mobile computers
- ✓ 1 bi-color LED status indicator



Technical Specifications

Frequency	868MHz (EU) or 915MHz (NA) ISM band
Certification	EN 300 220 (EU), FCC part 15 (US); industry Canada
Data rate	115.2kbit/s
Output power	-20dBm to 8dBm, digitally adjustable
Sensitivity	-85dBm (high sens), -55dBm (low sens), digitally adjustable
Operating system	Drivers for different operating systems (Windows CE/Win9X, NT, 2000, XP and Linux)
Read rate (ID only)	100tags/s
Read rate (128bit data)	35tags/s
Parallel interface	CF Type 1
Input power	Dual 3.3V and 5V
Power consumption	≤ 250mW (50mA)
Standards/safety	CE, EN 300 220
Operating temperature	-20°C to 60°C
Storage temperature	-40°C to 80°C
Humidity	90% non-condensing
Dimensions	55mm × 43mm × 3.3/6mm
Weight	15g





GAO RFID Inc.

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Product Overview

UHF RFID Interrogator CF Card (227002)



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GAOTek.com

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