



The UHF Gen 2 RFID reader is ideal for use in industrial applications including warehousing, parking, distribution and shop floor where high read rate is required.

This portable Gen 2 RFID reader/writer is ideal for use in industrial applications including warehousing, parking, distribution and shop floor where high read rate is required. It has two inputs and four outputs and can be used with 1 to 4 linear or circular polarized antennas. This high performance RFID reader supports multi-directional reading and has a maximum read distance of 8m and a maximum write distance of 4m. Four female TNC antenna connections are provided. The reader/writer also has RS232 and 10/100 Ethernet interfaces for communication and includes six LEDs for status indication. This UHF RFID reader is shipped with software that offers extensive control over antenna behavior and its digital I/O channels.

Applications

- | | |
|---------------|----------------|
| ✓ Warehousing | ✓ Distribution |
| ✓ Parking | ✓ Shop floor |





Technical Specifications

Display	6 LED's
Power requirements	9V DC
Communications Interface	RS232, 10/100 Ethernet. Digital I/O
Frequency	860 to 960MHz
Power	10mW to 1W conducted (30dBm)
Read Write Distance	Read 0m to 8m, write 0m to 4m
Technical Certificates	ISO 18000-6B, ISO 18000-6C
Antenna Connections	4 ports
Dimensions	310mm (L) × 210mm (W) × 40mm (H)
Weight	About 2.0kg
Housing	Aluminum
Operating Temperature	-20°C to 80°C
Storage Temperature	-40°C to 85°C
Humidity	5% to 95% relative
Multi-Detection	Yes
Antenna Compatibility	Linear or Circular polarized antenna
Antenna Connection	4 Female TNC connections
Transponder Compatibility	EPC UHF Gen 2, supports ISO 18000-6B and ISO 18000-6C
Certificates	CE, FCC, CCC





GAO RFID Inc.

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Product Overview

UHF Gen 2 RFID Reader/Writer (216011)



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