



This Gen 2 RFID reader is ideal in industrial applications where high read rates are required such as portals or loading dock doorways.

This Ultra-High frequency Gen 2 RFID reader features full antenna behavior control, an optional I/O control module and a full spectrum analyzer. It supports multi-detection and complies with ETSI, ISO 18000-6B and ISO 18000-6C standards and communicates with a PC through a RS232 interface or 10/100 Ethernet digital I/O interface. This reader is intended for use in applications such as warehousing, product distribution, shop floors, container tracking and baggage handling. Additionally, it is waterproof and dustproof and withstands harsh environments.

Applications

- ✓ Warehousing
- ✓ Shop floor
- ✓ Container tracking
- ✓ Distribution
- ✓ Baggage handling





Technical Specifications

Frequency	860MHz to 868MHz
Display	4 LED's
Multi-Detection	Yes
Power requirements	12 VCD to 24 VCD, 60W 2.5A maximum
Communications interface	RS232, 10/100 Ethernet digital I/O
Power	10mW to 1W conducted (30dBm)
Max read quantity	400+ tags/sec
Read write distance	Read 0M to 7M, write 0M to 4M
Transponder compatibility	EPC class 1 Gen1, EPC UHF Gen 2
Technical certificates	ISO 18000-6B, ISO 18000-6C
Antenna connections	4+1 listening port
Antenna compatibility	Linear or circular polarized antenna
Dimensions	L 300mm x W 220mm x H 56mm
Weight	3.0kg
Housing	Aluminum
Operating temperature	-20°C to 55°C
Storage temperature	-40°C to 85°C
Humidity	5% to 95%
Additional information	Optional global bandwidth 860MHz to 960MHz 236003G optional US bandwidth 902MHz to 928MHz 236003 built in listening port antenna optional, WiFi 802.11 optional, optional digital I/O module controller



GAO RFID Inc.

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Product Overview

Ultra-High Frequency 865 MHz Gen 2 RFID Reader (275001)



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Toll Free (USA & Canada)

1-877-585-9555

All Other Areas

416-292-0038

Dial Ext.601 for Sales
Ext.602 for Other Inquiries

China: 86-519-80691090
86-519-80691089

sales@GAORFID.com