



This reader is intended for use in applications such as warehousing, product distribution, shop floors, container tracking and baggage handling. It is ideal in industrial applications where high read rate is required such as portals or loading dock doorways.

This ultra high frequency RFID reader operates in a frequency range of 860MHz to 960MHz. It features full antenna behavior control, an optional I/O control module. This RFID reader provides unparalleled flexibility in supporting multiple RFID tag protocols and multi-regional regulatory compliance. It has a maximum reading distance of 7m and a maximum writing distance of 4m. It supports multi-detection and complies with ETSI, ISO 18000-6B and ISO 18000-6C standards. The reader communicates with a PC through a RS232 interface or 10/100 Ethernet digital I/O interface. Additionally, this Gen 2 RFID reader is waterproof and dustproof to withstand harsh environments.

Features

- ✓ Optional global bandwidth 860MHz to 960MHz
- ✓ Optional US bandwidth 902MHz to 928MHz
- ✓ Built in listening port antenna optional, WiFi 802.11 optional
- ✓ Optional digital I/O module controller





Technical Specifications

Display	4 LED's
Power requirements	12 to 24VDC, 60W 2.5A maximum
Communications interface	RS232, 10/100 Ethernet digital I/O
Frequency	860MHz to 868MHz (UHF-Ultra High Frequency)
Power	10Mw, 1W conducted (30dBm)
Read /write distance	Read 0m to 7m, write 0m to 4m
Technical certificates	ETSI, ISO 18000-6B, ISO 18000-6C
Antenna connections	4 + 1 listening port
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% relative
Multi-detection	Yes
Max read quantity	400+ tags/sec
Antenna compatibility	Linear or circular polarized antenna
Antenna connection	RP SMA
Transponder compatibility	EPC Class 1 Gen 1, EPC UHF Gen 2





GAO RFID Inc.

A Member of GAO Group

Celebrating Over 15 Year of Innovation

Product Overview

Ultra-High Frequency Gen 2 RFID Reader (275001)



GAO Group

Celebrating Over 15 Years of Innovation

GAORFID.com

GAOTek.com

GAORFIDAssetTracking.com

GAOComm.com

GAOInstruments.com

GAOFiberOptics.com

GAOEmbedded.com

GAOResearch.com

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