



This UHF Gen 2 RFID reader is designed for use in warehousing, distribution, shop floor, harsh manufacturing or processing environments and outdoors.

The ultra high frequency Gen 2 RFID reader includes 8 antenna ports in which 4 for reading and 4 for listening. It is compliant with EPC Gen 2/ISO 18000-6C and has Ethernet remote configuration, power adjustment, net/Java API supported making it perfect for multi-antenna applications in a wide variety of environments. The UHF RFID reader is designed for use in warehousing, distribution, shop floor, harsh manufacturing or processing environments and outdoors.

Key Features

- ✓ 4 status indication LEDs: power, Tx, Rx output1,2
- ✓ Up to 30m read/write distance
- ✓ Multi-detection
- ✓ Fully Gen 2 tag compatible
- ✓ Communication interface: Ethernet TCP-IP, DHCP, HTTPs
- ✓ Technical certificates: CE, FCC/EPC Gen 2, ISO/IEC 18000-6C
- ✓ Waterproof and dustproof





GAO RFID Inc.

A Member of GAO Group

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Product Overview

UHF Gen 2 RFID Reader (216001)

Specifications

Frequency	902 to 928MHz
Technical certificates	CE, FCC/EPC Gen2 Certification, ISO/IEC 18000-6C
Antenna compatibility	6dBi circular polarization
Antenna connection	8 Bi-static antenna ports Tx/Rx separate for reading points; N-type female coaxial
Power requirement	PoE (Power over Ethernet), 8V
Power	30dBm, 4W EIRP
IP rating	IP55
Housing	Stainless steel and aluminum
Read/write distance	Up to 30m (dependant)
Transponder compatibility	EPC Class 1 Gen 1, EPC UHF Gen 2
Operating temperature	-20°C to 50°C
Storage temperature	-40°C to 70°C
Humidity	0 to 99% relative
Dimensions	287mm × 252mm × 56.5mm
Weight	Approx. 3.155kg

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