



This RFID reader is an excellent choice for vehicle applications, on smart shelves or displays and in any installation requiring RFID remote data exchange.

This fixed four port reader is optimized for full portal installation and provides full power to up to 4 antennas, full network interfaces, Gen 2 DRM management and high speed read rates.

The 216015 RFID reader employs an INTEL® ATOM™ processor to offer exceptional performance.

The reader can operate in several different regions and meets regulatory environments (North America, Europe, Australia, China, Korea, Japan, Singapore and Taiwan). Additionally, GPRS data transmission is optionally available

These features, together with its compact and versatile form factor, make this RFID reader an excellent choice for vehicle applications, on smart shelves or displays and in any installation requiring RFID remote data exchange.

Features

- ✓ Multi-Regional Support:
 - ETSI EN 302 208
 - FCC part 15
 - Australia, China, Korea, Japan, Singapore, Taiwan
- ✓ Integrated GPRS modem (optional)
- ✓ EPC C1 G2, ISO 18000-6C Compliant
- ✓ USB 2.0 High Speed Host Port.
- ✓ Internal MicroSD slot
- ✓ Ideal for:
 - Vehicle access control systems
 - Pick and put away applications
 - Industrial control
 - RFID tunnels
 - Portal applications
 - Point of sales devices





Technical Specifications

Operating Frequency	902÷928 MHz (FCC part 15) 865.700÷867.500 (ETSI EN 302 208) Australia, China, Korea, Japan, Singapore, Taiwan
Output Power	Up to 32 dBm (~1.6W) conducted
Antenna Connector	4 TNC Reverse Polarity
Antenna Connector	Manchester, Biphase, PSK
Frequency Tolerance	Gen 2 Dense Reader Mode Management Data rate up to 400 Kbits/s
Channel Occupancy	In accordance with both ETSI EN 302 208 and FCC part 15
Standard Compliance	EPC C1 G2/ISO 18000-6C
Digital I/O	4 inputs, TTL levels (DB15); 4 outputs, TTL levels (DB15)
Ports	RS232 Serial Communication (DB9); USB 2.0 High Speed Host Port; Ethernet 10/100BASE-T (RJ45)
Wireless Communication	GSM/GPRS (SMA) (optional) WiFi (optional via USB host)
Internal Interfaces	Micro SD slot SIM card housing (optional)
Dimensions	(W)275 x (L)155 x (H)39 mm3 (10.8 x 6.1 x 1.5 inch3)
Supply Voltage Range	9÷36 Vdc (30W)
Operating Temperature	-20 °C to 55 °C
Weight	1.3 kg



GAO RFID Inc.

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Celebrating Over 15 Year of Innovation

Product Overview

Fixed 4 Port Reader (216015)



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GAORFID.com

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GAOComm.com

GAOInstruments.com

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