



The four-Port long range reader is designed for use in logistics, ticketing and access control, pharmaceuticals and intelligent traffic systems.

This UHF four-port long range reader is compliant with ISO 18000-6B and ISO 18000-6C protocols and has a maximum read distance of 8cm. This UHF reader has two triggering inputs and two relay outputs and also offers LED status indicators for antenna, communication, power and RF. It supports three tag identification modes which are auto, external and software command. Operating frequency can be set through software to either Frequency Hopping Spread Spectrum (FHSS) or fixed frequency.



Key Features

- ✓ Four antenna ports for added flexibility
- ✓ Multi-protocol support: ISO 18000-6B and ISO 18000-6C (EPC Gen 2)
- ✓ Excellent anti-interference with FHSS
- ✓ Multi-reader synchronization
- ✓ Several communication interfaces available
- ✓ Can be customize



Technical Specifications

Frequency	860 MHz to 960 MHz	
RF Protocol	ISO 18000-6B, EPC Class 1, EPC Class 1 Gen 2	
Antenna Ports	4 antenna ports, SMA connector	
Power Smoothness	<0.5 dB	
RF Power Range	20 dBm to 30 dBm, software adjustable	
Tag Identification Mode	Auto, external and software command	
Read/Write Time	No more than 5 ms per 8 bytes when reading; 25 ms per 4 bytes when writing	
Read/Write Distance	Up to 8 m read; write distance is 70 % of read distance (antenna dependant)	
Communication Interface	Type A	RS232, RS485, Wiegand26/34
	Type B	RS232, RS485, Wiegand26/34, USB
	Type E	RS232, Wiegand26/34, Ethernet
	Type W	RS232, Wiegand26/34, WiFi
Power Supply	DC 5 V	
Power Consumption	≤5 W	
Dimensions	200 mm × 190 mm × 46 mm	
Weight	0.92 kg	
Operating Temperature	-45 °C to 75 °C (-49 °F to 167 °F)	
Storage Temperature	-50 °C to 85 °C (-58 °F to 185 °F)	
Status Indication	Buzzer, LED, antenna indicator light, communication indicator light, power indicator light, read indicator light and RF indicator light	



GAO RFID Inc.

A Member of GAO Group

Celebrating Over 15 Year of Innovation

Product Overview

Four-Port Long Range Reader

(216014)



GAO Group

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

sales@GAORFID.com