

This high performance reader can be ideally used in many applications including logistics, inventory, dock door portals, distribution center and yard management.

This UHF RFID fixed reader is designed with exceptionally high RF sensitivity and extremely high read performance which allows to quick and accurate tracking of large volumes of RFID-tagged cases, pallets and items. This high performance reader is ideally suited for many applications including logistics, inventory, dock door portals, distribution centers and yard management. Featuring an IP53 rating and an extremely durable design, it is built to perform well in the widely variable temperatures of a loading dock or in a large, dusty distribution center.

With its best-in-class processor and expanded memory, the reader comes in a 4-port model, as well as an 8-port model; the latter helps you cover more dock door portals or read points with fewer readers so as to save deployment costs and achieve a lower cost per read point. Each configuration is also able to perform in either monostatic or bistatic mode, giving you complete control to optimize your application. Moreover, all cabling and input/output ports are located on one side of the reader, which also simplifies and reduces the cost of set-up deployment and management.



Key Features

- ✓ Ideal for high volume, high density, high throughput applications
- ✓ Features greater application flexibility and lower deployment costs
- ✓ Provides 4-port and 8-port reader configurations
- ✓ All cabling and input/output ports are on one side, resulting in a compact size that simplifies and reduces the cost of set-up deployment and management.
- ✓ IP53 rating, diecast housing; maximize uptime even in the toughest warehouse or production environments;

Technical Specifications

Physical	
Dimensions	10.75 in. L x 7.25 in. W x 2.0 in. D (27.3 cm L x 18.4 cm W x 5 cm D)
Weight	4.4 lbs ± 0.1 lbs (2.13 kg ± 0.05 kg)
Housing Material	Die-cast Aluminum, meets IP53 standards
Visual Status Indicators	Multi color LEDs: Power, Activity, Status and Applications
RFID	
Max Receive Sensitivity	-84.5 dBm monostatic; -105 dBm bistatic
Air Protocols	ISO 18000-6C (EPC Class 1 Gen 2) ISO 18000-6B
Frequency(UHF Band)	902 MHz to 928 MHz, 865 MHz to 868 MHz, and sub-bands
Power Output	+10dBm to +33dBm
Connectivity	
Communications	10/100 BaseT Ethernet (RJ45); USB Host & Client (Type A & B); Serial (DB9)
General Purpose I/O	4 inputs, 4 outputs, optically isolated(Terminal Block)
Power Supply	+24Vdc
Antenna Ports	275002-4: 4 monostatic or 2 bistatic ports(Reverse Polarity TNC) 275002-8: 8 monostatic or 4 bistatic ports(Reverse Polarity TNC)
Environmental	
Operating Temperature	-4° to +131° F/-20° to +55° C
Storage Temperature	-40° to +158° F/-40° to +70° C
Humidity	5-95% non-condensing
Sealing	IP53

Hardware/OS & F/W Management	
Memory	Flash 128 MB; DRAM 128 MB
Operating System	Linux
Firmware Upgrade	Web-based and remote firmware upgrade capabilities
Management Protocols	RM 1.0.1 (with XML over HTTP/HTTPS and SNMP binding)
Network Services	DHCP, HTTP, HTTPS, SSH, FTP, Telnet, SNMP and NTP, WS Discovery
IP Addressing	Static and Dynamic
Host Interface Protocol	LLRP + RM
API Support	.NET and C
Regulatory Compliance	
Safety	UL 60950-01, UL 2043, IEC 60950-1, EN 60950-1
RF/EMI/EMC	FCC Part 15, RSS 210, EN 302 208, ICES-003Class B, EN 301 489-1/3 For Malaysia: 919-923 MHz
SAR/MPE	CC 47CFR2:OET Bulletin 65; EN 50364
Other	ROHS, WEEE
Geographic Availability	Supported regions based on US and European (ETSI EN 302-208) RFID frequencies

<p>GAO Group</p> <p>GAORFID.com</p> <p>GAOTek.com</p> <p>GAOResearch.com</p>	<p>Toll Free (USA & Canada)</p> <p>1-877-585-9555</p> <p>All Other Areas</p> <p>416-292-0038</p> <p>Dial Ext.601 for Sales Ext.602 for Other Inquiries</p> <p>sales@GAORFID.com</p>
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