



**GAO RFID Inc.**

**A Member of GAO Group**

*Celebrating Over 15 Year of Innovation*

*Product Overview*

**The Jett – Rugged Handheld RFID Reader/Mobile Computer  
(243004)**

***This Rugged handheld mobile computer features a high frequency (13.5MHz) RFID reader and is an ideal solution for any number of vertical markets – asset tracking and inventory management, event attendance or personnel access control, fleet maintenance in the warehouse or on the hospital floor.***

More than just an ordinary RFID tag reader, this rugged handheld can read and write tag IDs and data blocks as well as protect the data on compatible transponders for privacy and security purposes using advanced encryption and authentication techniques.

The mobile computer operates under the powerful Microsoft® Windows® CE. NET 4.2 OS running on an Intel® XScale® processor. The HF RFID reader/write module supports ISO 1443A, ISO1443B and ISO15693 tags.



This unit further boasts two unique and innovative features of great benefit to the user. Its exceptional antenna allows for the reading of tags, in practically, any orientation overcoming problems associated with tag orientation such can be found in supply chain applications. As well, the unit contains a brilliant hardware/software scheme. “Software Defined Radio” (SDR) architecture, which future-proofs the RFID reader allowing support for future tags and protocols via a software upgrade while maintain existing hardware. This represents a great potential cost saving,

This mobile reader is also fully customizable including options for case color, protective bumpers, keypad, logo tag, serial tag and cables. Furthermore, the reader’s fully accessible Compact Flash (CF) slot provides further customization supporting a wide variety of CF-enabled peripheral devices.



## Features

- ✓ Microsoft® Windows® CE. NET 4.2 operating system
- ✓ Marve II® XScale® processor 200MHz (400MHz optional)
- ✓ 13.56MHz RFID enabled
- ✓ 64MB SDRRAM (30MB+ used for OS)
- ✓ 512MB compact FLASH built-in (expandable to 4GB)
- ✓ Lithium battery-backed real-time clock
- ✓ 320 × 240 QVGA-TFT color display
- ✓ IP65
- ✓ 1 year warrant
- ✓ Temperature greater than 55°C dramatically reduces shelf life of battery
- ✓ Fast charge will not start below 0°C





**Technical Specifications**

Certification	IP65 ingress protection (independent lab tested) FCC part 15.225 (15C), Reg. # RYJJETTERFID PLUS industry Canada RSS-210 6.2.2 (e), 2001 CE ETSI EN 300 330-2, 2001; EN55022, 1998, (CISPR22) Class A; EN55024, 1988; ETSI EN 301489-1, 2002; ETSI EN 301489-3, 2002 RoHS compliant
Keypad	45-key keypad standard (15-key and 30-key available); custom keypad and graphics available
Interface	RS232 serial port
Power	Nickel metal hydride rechargeable batteries 1650mAh, 7.2V AA Alkaline batteries (6 Recharge/Line power: 11 to 18V, DC, 1.5A 8 hours typical operating time (actual time may vary based on a variety of conditions
Operating temperature	-20°C to 50°C
Storage temperature	-20°C to 70°C (no batteries installed)
Charging temperature	0°C to 40°C
Humidity	5% to 95% (non-condensing)
Height	250mm
Width (display area)	120.7mm
Width (keypad area)	46.5mm
Display size (active area)	2.82in. x 2.11in.
Weight	652g without battery 822g with rechargeable battery 794g with Alka line battery





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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](mailto:sales@GAORFID.com)