

***This advanced handheld UHF RFID data collection terminal delivers excellent read range and high accuracy on single/multiple tags.***

This advanced handheld UHF RFID data collection terminal provides a variety of data collection methods and is able to fully meet demands for wireless data acquisition. It is targeted for medium to long range RFID data collection applications and is suited for use in very demanding applications and environments.

The mobile reader features simple deployment, multi-modal data capture, multiple wireless communication methods, and a high powered platform together with rugged and reliable design. It is compliant with ISO18000-6B/6C protocols. Its omni-directional scanning capability allows it to deliver excellent read range with high accuracy.



This multi-functional data collection terminal also provides 1D and 2D barcode scanning and is able to scan even scratched, dirty and poorly printed barcodes in both indoor and outdoor warehouse and distribution environments. It utilizes Marvell Intel XScale PXA3XX processor operating at 806 MHz providing best-in-class application performance. The reader runs under Windows CE or Mobile operating systems providing a flexible development platform. More than 2 GB flash and up to 32 GB user accessible micro SD memory space are provided to enable robust performance for database and other processing intensive applications.

**Key Features**

- ✓ Delivers excellent read range and high accuracy on single/multiple tags
- ✓ Multi-modal data capture
- ✓ Built-in RFID module has excellent read performance
- ✓ Omni-directional scanning performance
- ✓ 1D and 2D barcode scanning capability; scans scratched, dirty and poorly printed barcodes in indoor and outdoor warehouse and distribution environments
- ✓ 5.0 megapixel color camera
- ✓ Multiple wireless communication

- methods including
  - GPRS/GSM/EDGE/EVDO/Zigbee,
  - WIFI and GPS
- ✓ High-powered platform
- ✓ Marvell Intel XScale PXA3XX@ 806 MHz
- ✓ Microsoft's Windows CE or Mobile operating system
- ✓ 3.5 inch color VGA TFT touch screen display; excellent touch sensitivity
- ✓ Rugged and reliable design; IP64 sealing completely protects against dust and splashing liquids

**Technical Specifications**

Performance Characteristics	
CPU	Marvell Intel® XScale™ PXA3XX 806 Mhz
Operating System	Microsoft® Windows CE 5.0 or Microsoft Windows Mobile 6.1
RAM	128 MB
128MB	256 MB
User's Memory Space (Optional)	2 GB (Standard)
Physical Characteristics	
Keyboard	28-Key (Standard); P+R material; LED backlight
Display	3.5 in. with backlight, TFT Touch Window LCD, sunlight readable; 65536 color, 240(W) × 320(L) (QVGA)
Dimensions LxWxH (mm)	158 × 84 × 39
Weight	380 g (Includes hand tether, touch pen and battery)
Expansion	Micro SD Card / 32 GB SDHC compatible
Notification	Voice, Vibration, Charging indicator, Scanning indicator, Battery cover test indicator
Power	
Main battery	Removable, rechargeable 3.7 volt Lithium Ion 2700 mAh

	battery pack
Back-up battery	Non detachable 3.7 V/40 mAh Li-ion charging battery
<b>Working Environments</b>	
Operating Temp.	-20 °C to 50 °C
Storage Temp.	40 °C to 60 °C (includes battery) -40 °C to +70 °C (do not includes battery)
Humidity	5% to 95% non condensing (Condensation Resistant Configurations Available)
Sealing	IP64
Drop Spec	Multiple drops to concrete: 4 ft./1.2 m across the operating temperature range
Wireless Data Communication	WLAN (WIFI) ; WWAN (GPRS / EVDO); WPAN (Bluetooth)

**GAO Group**

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