

This innovative handheld RFID data collection terminal provides excellent data collection functions and wireless communication configurations.

This innovative handheld RFID data collection terminal provides excellent data collection functions and wireless communication configurations. It operates at either low frequency or high frequency. The RFID reader/writer accurately reads ISO15693, ISO18000-3, ISO14443A and ISO14443B compliant tags and is also able to read 1D, 2D and other format barcodes.

This compact handheld data collection terminal is shipped with a 5.0 megapixel fixed color camera and offers a GPS positioning function. It supports multiple wireless communication methods including WIFI, GPRS, EDGE, EVDO, Bluetooth and infrared and allows data exchange through USB1.1 or RS232\485 interfaces. The RFID barcode reader is IP 64 rated and is shock resistant and is able to withstand drop from a height of 1.2 m to concrete.



Technical Specifications

Performance Characteristics	
CPU:	Marvell Intel XScale™ PXA3XX 806Mhz
Operating System	Microsoft Windows CE 5.0
RAM	128MB mDDR
ROM	256MB+2GB
Memory Expansion	Micro SD Card/SDHC compatible
Internal interfaces	Modem×1, USB Host×1, SPI×1, IIC×1, SDIO×1
Physical Characteristics	
Dimensions	158 mm(L) × 84 mm(W) × 39 mm(H)
Weight	380 g
Display	3.5 in. QVGA color display (240 x 320) touch screen with backlight, TFT-LCD
Battery	Li-Ion 2700mAh @ 3.7Vdc
Network Connections	RS232; USB1.1 (host and client)
Keypad	28-key Alpha-Numeric; LED display
Data Capture Options	RFID (HF/13.56MHZ); Compliant standard: ISO15693, ISO18000-3, ISO14443A, ISO14443B 1D laser scanner (Symbol SE955) 2D imager (Honeywell) GPS (SIRFIII)
Data Transfer Options	Wireless LAN: WIFI: IEEE802.11b/g Wireless WAN: compatible GPRS/GSM/CDMA Wireless PAN: Bluetooth: v2.0 + EDR
User Environment	
Drop Specification	4 ft./1.2 m drop to concrete across the operating temperature range
Operating Temp.	-10 °C to 50 °C
Storage Temp.	-20 °C to 60 °C

Sealing	IP64
Humidity	5-95% non-condensing
ESD	+/-15kVDC air discharge, +/-8kv indirect discharge
Peripherals and Accessories	
Cradles	Single-slot USB/RS232 charging cradle with spare battery well
Chargers	Adaptor for universal battery charger
Other Accessories	Charging and Data cables / Touch Pen Hand Strap / Carrying belt Car Adapter / Battery charger Multifunctional bag
Programming environment	Microsoft Windows CE SDK eMbedded Visual C++ 4.0 Visual Studio 2005 (support.NET CF 2.0) Visual Studio 2008 (support.NET CF 3.5)
Approvals	Obtained Telecom Equipment Access to Network License 3C Certified RoHS-compliant version available

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