



This 13.56 MHz RFID handheld reader / writer can be used for information management, information collection, or data transfer. It is Ideal for field service, direct store delivery, retail, warehouse and manufacturing applications.

This 13.56MHz PDA based RFID reader/writer is designed for industrial and outdoor environments. It is ideal for field service, direct store delivery, retail, warehouse and manufacturing applications. Users can use the product as a handheld device for information management, information collection, or data transfer. The '140' is built to IP54 industry standards and can withstand harsh environments. This device uses Intel® PXA255 Processor. It is a highly integrated unit which includes high performance of low-power Intel® XScale™ micro architecture. The 140 Rugged PDA includes an LCD touch screen, 22 key interface, audio control (output), SD slot, IC card slot, contactless HF RFID, GPRS (900/1800/1900MHz) , Bluetooth and USB connectivity.





Main Specifications

CPU	Intel X SCALE 255 chip; Main frequency 400 MHz
Flash	64 M
SDRAM	128 M
LCD Pixel Format	320 X 240
LCD Screen Size	2.8 Inch with backlight
LCD Color Display	16 bits, support 65535 colors
GPRS Function	Support GPRS Voice and Data transfer
GPRS Base Band	900/1800/1900 (OPTIONAL)
Bluetooth Function	Bluetooth 1.1 standard
Operating System	WinCE 5.0
Antenna Compatibility	Built in
Antenna Connection	Not required
Frequency	13.56 MHz
Reading Distance	8 cm maximum, tags dependent
SD Slot	SD CARD and SDIO function
Transponder Compatibility	ISO 15693; ISO 14443 A/B
Untouched IC	ISO/IEC 7816-1/2/3 standard
Audio Function	Integrated AC 97 MC and speaker
PSAM Card	Two PSAM Cards supported
USB Function	USB 1.1
Serial Port	Full Function Uart
Key PAD	22 Keys available
Power Management	Dual- Battery System, The exterior battery ~ 1800 mAH The interior battery ~ 300 mAH
Power Supply	5 V charger
Environmental Sealing	IP54 Standard. Anti-shock / Dustproof
Operating Temperature	-20 °C to 50 °C
Storage Temperature	-25 °C to 60 °C
Humidity	10 % to 70 %
Size (Length/Width/Height)	140 mm x 75 mm x 30 mm
Weight	380 g



GAO RFID Inc.

A Member of GAO Group

Celebrating Over 15 Year of Innovation

Product Overview

13.56 MHz RFID Handheld Reader / Writer, 140 Rugged PDA

(243002)



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