

Handheld Terminal “Recon”

The Handheld Terminal Recon delivers maximum performance and reliability in a lightweight and extremely rugged design. The waterproof PDA exceeds military specifications for drop, dust, vibration and both high and low temperature operation. The handheld Recon works wherever and whenever you need it.

The PowerBoot Module integrates a 3800mAh battery pack, allowing 12-30 hours of operating time. The standard communication is provided with the integrated RS232 and USB interfaces. As options, the Recon handheld terminal is also available with Bluetooth and / or WLAN interface.

The two CompactFlash slots supports multiple accessories such as RFID readers, barcode scanners, GPRS, etc.. The additional devices can be protected with a specially available O-Ring sealed extension caps (2 sizes available).

The Recon features the high-performance 200Mhz or 400MHz XScale processor, a colour display with front light, 64MB of RAM and 128 / 256MB of non-volatile Flash storage to protect data from resets or even complete power loss. The operating systems Windows Mobile 2005 is easily upgradeable and gives unmatched performance.



RFID versions embedded in extension cap:



ISO Standard:	Frequency:	Supported transponders:	Order Code:
ISO14443AB	13,56MHz	NXP Mifare, Desfire ISO14443AB tags	-AB
ISO15693	13,56MHz	NFC I-Code SLI, TI Tag-it HF-I ISO15693 tags	-15693
125kHz	125kHz	EM4100, EM4105, EM4550 NXP Hitag 1,2, S Sokymat Q5, Atmel Temic5567	-125
ISO 18000-6	860-960MHz	ISO18000-6B ISO18000-6C (Gen 2)	-UHF

Product specification:

Product:	RECON Mobile Terminal
Dimensions:	165 x 95 x 45 mm
Weight:	453 g including rechargeable battery
Processor/memory:	Intel PXA 255 Xscale CPU, 64MB high- speed SDRAM 200Mhz or 400Mhz
Disk:	Onboard non-volatile Flash 128MB (200Mhz) or 256MB (400Mhz)
Operatine system:	Microsoft Windows Mobile 2005
LCD display:	240 x 320 pixel (1/4 VGA) colour TFT with LED front light
Keyboard:	10 Keys on screen qwerty softkeyboard
Battery:	3800mAh NiMH rechargeable pack, allowing for 12-30h operating time depending on usage. Power supply 5V
Interfaces:	1 x RS-232 serial 1 x USB 2 x CF-Card slots (one type I and one type II slot)
Environments tested:	Operating: -30°C to 65°C Storage: -40°C to 70°C Drop: MIL-STD-810F, Method 516.5, Procedure IV 26 drops from 1.22 m 6 additional drops at -20°C 6 additional drops at 60°C Sand & Dust: IP67, MIL-STD-810F, Method 510.4, Procedures I & II Water: MIL-STD-810F, Method 512.4, Procedure IP67. Humidity: MIL-STD-810F, Method 507.4 Altitude: MIL-STD-810F, Method 500.4, Procedures I, II at 15.000ft at +23° Vibration: MIL-STD-810F, Method 514.5 Procedures I, Figures 17 and 18
Options / accessories:	- Bluetooth - WLAN - GPRS (CF-Card) - RFID Reader - Barcode Reader - 12V vehicle charger - Cradle - Protection holster
Order number:	R-HH-RECON200-xx (200MHz) R-HH-RECON400-xx (400MHz)