TACTER-31A

Rugged, Tactical, and Powerful

Powerful capabilities matched with outstanding versatility.

The Tacter-31A RHC (Ruggedized Handheld Computer) is a versatile, digital messaging terminal designed to serve all combat echelons in the modern digital battlefield. The Tacter-31A's embedded communications use modern protocols, such as MIL-STD 188-220, making the terminal a critical building block for any C4I system. The Tacter-31A supports simultaneous connectivity to two independent tactical radio nets, as well as LANs and other nets.

The Tacter-31A features an internal GPS receiver, giving the handheld terminal vital navigation and mapping capabilities.

The Tacter-31A was selected by the United States Marine Corps as a system of choice for both dismounted and vehicular applications for years to come.

Highlighted Features:
- Pentium III 500MHz CPU
- Internal dual channel tactical modem
- Internal GPS receiver
- Windows NT 4.0
- PC card (PCMCIA) expansion slots
- Internal sound system
- VGA color display
- Touch screen operation
- Folding keyboard
- Internal LAN, SCSI and USB

Internal LAN, SCSI and USB

VGA Color Display

Built-in Mouse, Touch Screen Operation and Folding Keyboard

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TACTER-31A

Features

Processor	Mobile Intel® Pentium® III 500MHz Processor with Intel® Speedstep™ technology, 256KB on-die L2 cache
SDRAM	128 MB standard, expandable to 256 MB
Hard Disk	>20 GB
Operating System	Windows NT 4.0
Audio	ESS Maestro 3 audio controller with internal speaker & Audio I/O
Display	6.4" VGA 640 x 480 TFT Active Matrix Color LCD, S3 Savage Mobility video controller, touchscreen, keyboard contrast /brightness controls, NVG compatible
User Input Interfaces	Passive touchscreen, folding QWERTY keyboard, miniature joystick mouse, external keyboard and/or mouse

Interfaces (Standard)

Com 1 Port	RS-232 (second Com port via MMIO port)
FastIO Port contains	Internal LAN 10/100 base T and SCSI I / II
MMIO Port contains	Com 2, Audio In/Out, External Keyboard/Mouse, USB
External Video Port	Supports up to 1028x768 at 16M colors
Infrared Port	115Kbps
PC Card Slots	2 type II or 1 type III (3.3v or 5v)
Tactical Modem	Internal Dual Channel Communications Controller, Mil-Std-188-220, JVMF, Tacfire, AFAPD, MTS, TCP/IP, X.21, X.25, 2/4 Wireline. **Options:** Tadiran modem, TCIM modem, IDM™ Modem
Power	BA5600 battery, AC/DC vehicle, shipboard, or aircraft power per Mil-Std-1275
GPS	Internal Miniature PLGR Engine (MPE) Military SPS or PPS (JPO Approved). Growth to internal SAASM GPS

Physical Description

Dimensions	Approximately 2.9"x9"x7"
Weight	<7 lb.

Environment & EMI Specifications

Altitude Operational	15,000 ft.
Operating Temperature	-22°F to +131°F
Storage Temperature	-40°F to +158°F
Leakage	1 meter of water

MIL-STD-810E

EMI: MIL-STD-461

Accessories

- Commercial and/or military AC power supplies
- Military DC/DC power converters
- Rechargeable Lithium-ion Batteries
- Battery charger
- Power cables
- Radio cables
- Field carrying case
- GPS antenna and cables
- RS-232 COM cables
- SCSII cable
- LAN and USB adapters
- 2-4 Wireline adapter

* Specifications subject to change without notice 4.14.05

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