

# Tacticomp™ 1.5

Tactical Soldier System

7 Brigade Combat Teams Fielded



# Tacticomp™ 1.5

SNC C4N's Tacticomp 1.5 Soldier System is a ruggedized wireless and GPS-enabled handheld computer designed specifically to be used by the dismounted Warfighter at the tactical edge. The Tacticomp 1.5 operates as a component of SNC C4N's TACTI-NET, a wireless mesh network, and provides critical Command, Control, Communications and Information functionality to soldiers, team leaders, and commanders engaged in the fight. Tacticomp 1.5 includes: wideband wireless communications, GPS, video components, peripheral accessories, and software to allow either complete autonomous operation or connectivity to a wide variety of sensors. Tacticomp 1.5 gives the soldier the ability to send and receive his own Blue SA position reports as well as Red SA reports. The Tacticomp 1.5 enables a variety of broadband applications, including sending and receiving live video from a variety of sources, SA, mapping, Chat, and VoIP.



Combat Controller

For further inquires, please call 510.446.8400 ext 0

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Processor:	32-bit Intel® XScale™ CPU (400 MHz)	Optional Accessories:	25 Wh Standard Li-Ion Battery Pack, 50 Wh Extended Life Li-Ion Battery Pack, Padded Carrying Case holds Tacticomp, Spare Battery Packs and extra Stylus
O/S:	Windows® CE.net™ (4.2)	Size/ Weight:	7. 75" x 3.25" x 2"; 22.6 oz. without battery, Standard Li-Ion Battery: 9 oz. Heavy Duty Li-Ion Battery Pack: 14.3 oz.
Memory: Working SDRAM: Storage SDRAM:	96 MB Flash ROM 128 MB 64MB (Battery Backed up)	Battery/Run-time:	Standard Li-Ion Battery Pack, 6-12 hours, Heavy Duty Li-Ion Battery Pack, 12-18 hours
Graphics:	2-D Accelerator for high-speed image manipulation. Video rate: 15-30 frames/sec.	Case:	Composite Housing/Access Port, TPR Overmold
Display:	QVGA, 65K Color Transflective TFT LCD Display, 3.5" Diagonal LED Backlit, Manual Brightness Control, Color Mapping for NVG use (8-bit mode) (Optional VGA CRT Output)	LCD Protection:	Hardened Polycarbonate Lens, sealed and isolated from LCD Display for greater protection against high impact
Wireless:	Ad hoc, Spread Spectrum, Self-forming and Self-healing Mesh Network Transceiver. (Optional: 802.11b)	Seals:	O-ring seals on Case, Lens, Doors and Battery, Fast Access, O-ring sealed Door
USB:	1 USB mini-A host port, 1 USB mini-B device port. (Optional 2nd USB host port)	Data Security:	Recessed and door-protected "Zeroize" Switch initiates passive zeroization  FIPS 140-2 approved 256-bit AES Network and Data-at-Rest (DAR) Encryption
GPS:	12- channel C/A GPS receiver. Built-in active GPS antenna	Connector Protection:	Removable Elastomeric Cap for dust, mud and moisture protection
User Input:	1 High Resolution Inductive Sensor Stylus and 1 spare Stylus, 4 user buttons, 4 directional and 1 "Enter" Buttons, 2 Screen Brightness Buttons, Power On/Off Button, Recessed "Zeroize" Button	Anti-Tamper Design:	Double 90° tongue-and-groove case design, with anti-tamper fasteners
Power:	Standard Battery Pack: Waterproof, Quik-change 50 Whr, Li-Ion Battery Packs - monitors temperature and voltage dynamically to output remaining capacity percentage on LCD display. 110/220VAC Automatic Switching Power Supply and Charger	Environmental Specs:	Storage Temperature: -26 to +160° F Operating Temperature: -22 to +160° F Non-operating Humidity Range: 5% to 100% Operating Humidity Range: 5% to 100%
Battery Protection:	Over-charge, over-discharge, over-current, over-temperature protection		
Battery Eliminator:	Replaces Battery Packs, plugs into the AC/DC Adapter (eliminating need for batteries in prolonged stationary usage)		
Connectivity:	Optional Tactical Modem for connectivity to Tactical Radios		