

Commander's Digital Assistant



The company that listens to the warfighter and delivers.



The **Commander's Digital Assistant (CDA)** is a rugged lightweight portable tablet computer designed to provide situational awareness and satellite communications capabilities for the dismounted or mounted Platoon Leader. It can be provided with an embedded commercial GPS module. An internal L-Band Transceiver Module is also available.

The system is equipped with high performance Windows XP ® based open system software architecture but is also capable of supporting Linux.

The state-of-the-art VIA Eden ULV processor running at 1GHz and providing up to 1GB of on board DDR2 RAM at extremely low power. The system features a video processor with up to 128MB of shared video RAM.

A 6.4" diagonal LCD with integrated touch panel provides the system human interface. The display is 640 x 480 pixels with up to 262K colors, is sunlight readable, and dimmable to less than 1.5 nits for night vision compatibility. Additionally, the system is equipped with control buttons and a miniature mouse for cursor positioning and selection.

System storage is housed in a removable canister and is capable of supporting up to 64GB SSD. The system also hardware encryption and can be zeroized in less than 30msec.

The **CDA** is equipped with 2 configurable RS232/422 ports, 2 USB Ports, Ethernet 10/100 Base T, external VGA output, dual Type I/II PCMCIA adapter slots, a fill connector and GPS antenna connection.

The **CDA** is equipped with an internal battery, and charger, capable of providing up to 4 hours of hold up power (when fully charged).

The system comes equipped with a tethered stylus that can be stored in an external holder when the unit is not in use.

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Specifications

FEATURES

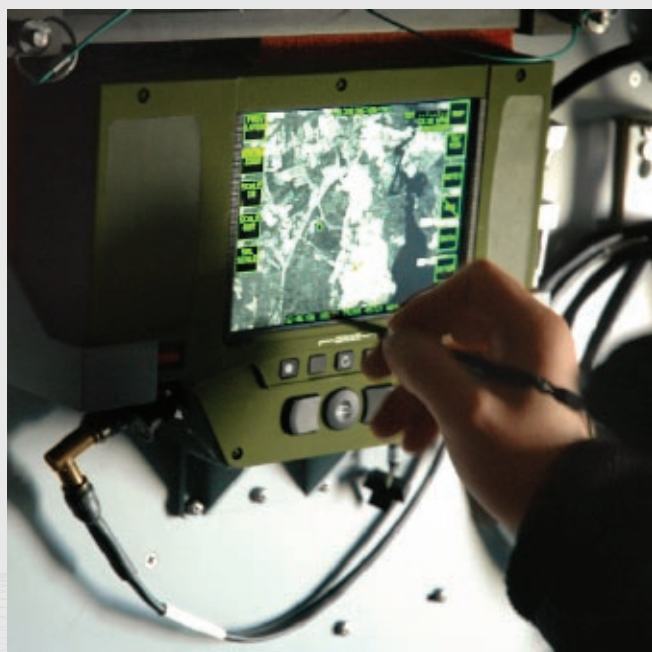
Mechanical	Olive Drab, Alluminum Alloy case
Weight	Approximately 5.4 lbs. with Internal Battery
Dimensions	7.12" X 10.25" X 2.25"
Display	6.4" AMLCD 640x480, 262K colors 450 nits Transflective, Sunlight readable to less than 1.5 nits for NVG compatibility
CPU	1GHz VIA Eden ULV with power and thermal management
Memory	1GB DDR2, 128 MB Shared Video RAM
Storage	Removable Solid State Drive canister up to 64GB, 192bit Triple DES Encryption of all data, Ability to instantly "Zeroize"
Power	+15VDC input power
System I/O	USB x 2, 10/100 Base T Ethernet, RS-232 / 422 x 2, External VGA, Internal Dual Slot Type I, II PCMCIA adapter
OS	Microsoft® Windows™ XP Professional, LINUX (optional)
Battery	Up to 4 hours Hold-up Battery, Integrated battery charger
User Features	Resistive touch screen, Software keyboard, Control buttons, Tethered stylus, Integral micro mouse
Options	Capable of supporting an embedded GPS module, Supports embedded L-Band Transceiver Module

ENVIRONMENTAL

Temperature	-10°C to + 49°C (operating), -40°C to +49°C (operating with heaters), -40°C to +71°C (non-operating)
Humidity	5 x 48 hour cycles
Altitude	40,000 ft
Shock	15G 11ms, ½ sine wave, 3 axes (operating), 30G 6ms, ½ sine wave, 3 axes (non-operating)
Vibration	2 GRMS 20-500Hz, 3 axes
Dust & Sand	With screen protected



CDA: Bottom right side, inputs



CDA: Aboard the V-22 Osprey

For more information on our rugged products, please visit:

www.securecomm.com

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 **Secure**
Rugged Portable Systems

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