



DRAP

The company that listens to the warfighter and delivers.



The **Distributed Scalable AccessNet Rugged AccessPoint (DRAP)** is a ruggedized Voice Over IP (VOIP) communication access point. Using headphones and the integrated microphone, users can speak with other users over an Ethernet network. Multiple DRAPs can be quickly deployed to create an ad hoc VOIP communication network in tactical environments. Other information like text messages can be sent between each **DRAP**.

The **DRAP** features an Intel® Pentium™ M processor operating at 1GHz, up to 1GB of RAM, and various combinations of compact flash and Solid State Drive (SSD) storage. It runs Microsoft® Windows™ XP, XP Embedded, or LINUX. It is equipped with a bright 6.4" transfective LCD and resistive touchscreen. This allows easy configuration of VOIP applications as well as easy interaction with the operating system.

The **DRAP** features dual audio channels configurable for headset or handset use and also features a sealed internal speaker driven by a 6W digital amplifier that enables incoming calls and announcements to be heard even in high background noise level environments.

The **DRAP** is fully ruggedized to MIL-STD-810 and MIL-STD-461 specifications. It operates over a wide temperature range and is resistant to vibration, salt fog, blowing rain, and EMI. A non-ruggedized commercial specification version is also available for environments that do not require full ruggedization.

DRAP

Specifications

FEATURES

Mechanical	Aluminum Alloy / Black
Weight	10 lbs
Dimensions	10.50" x 7.75" x 4.62"
Display	6.4" AMLCD 640x480, 262K colors 450 nits Transreflective, Sunlight readable to less than 1.5 nits for NVG compatibility
CPU	1GHz Embedded VIA Eden™ ULV
Memory	Up to 1GB of DDR2
Storage	32 GB Solid State Drive; Compact Flash 2GB
Voltage	100-240VAC 50/60Hz
System I/O	Dual Headset Dual Footswitch USB 2.0 10/100 Ethernet
Graphics	VIA CX700 integrated graphic accelerator
Audio	AC97 2.0 compatible Audio

ENVIRONMENTAL

Temperature	-20°C to +60°C (operating)
Humidity	Salt-Fog, Blowing Rain
Altitude	15,000 ft
Shock	15G 11ms, ½ sine wave, 3 axes (operating), 30G 6ms, ½ sine wave, 3 axes (non-operating)
Vibration	Munson Road
Sand	Blowing Sand with screen protected
EMI	MIL-STD-461E (tailored)



USB, Ethernet, Power and operator footswitch connectors are located on the rear of the unit below the passive heatsink.



Two external headsets can be connector through ports on the front of the DRAP.

For more information on our rugged products, please visit:

www.securecomm.com

All logos in this document are the registered trademark's of their respective companies. Copyright© Secure Communication Systems, Inc. 2010

 **Secure**
Rugged Portable Systems

1740 E. Wilshire Avenue,
Santa Ana, CA 92705
Phone: +1 714-547-1174
Fax: +1 714-547-1343
sales@securecomm.com
www.securecomm.com