

Lynx II Translator



The company that listens to the warfighter and delivers.



The Lynx II is designed for wearable eyes-free, hands-free use

Speech-to-Speech Translation for the Mobile Ground Soldier

The **Lynx II Translator** is a ruggedized, modular system which was specifically designed and built to satisfy the demanding requirements of Two-Way Speech-to-Speech (2WSTS) Translation software during field use. This system features a lightweight CPU module, a wearable Speaker/Microphone, and an external battery. It is an extremely flexible platform that allows the soldier to remain situationally aware while communicating across a language barrier in real world field conditions.

FEATURES

High Powered Ruggedized Speaker/Microphone Module:

The **Lynx II** provides unmatched speech-to-speech translation accuracy, easy of use and functionality. This is accomplished by using a six element, far-field phased array microphone with "follow the speaker" technology. This gives reliable speech recognition in real-world environments out to a safety stand off range of 5-10 feet from the user. A powerful flat panel speaker driven by a 15 watt digital amplifier is integrated into this module so the warfighter can be heard. The Speaker/Microphone module is rated IP54 when in use for increased reliability.

Ruggedized, Lightweight Design: The **Lynx II** is designed to be worn by a soldier and operated in an eyes-free, hands-free mode. It is ruggedized to meet the demands for tactical military use and features a low-power CPU for extended battery life.

Ground Soldier System (GSS) Compatibility: The **Lynx II** is fully compatible with the GSS through use of the Personal Area Network (PAN) specification and use of GSS batteries. Additional accessories can also be added to the **Lynx II** solution, including: Headsets, PAN USB to VGA Displays, HMMWV Adapters, and an external docking station can be connected to allow adding an external monitor, mouse and keyboard increasing its flexibility.

2WSTS Software Vendor Neutrality: The **Lynx II** platform supports full eyes free versions of 2WSTS translation software—from any vendor thus enabling the user to choose the best software for his specific application.

The **Lynx II** is scheduled to be available for delivery in January 2010 with 2WSTS software in Iraqi Arabic.

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Peripherals can be easily added to the Lynx II's modular configuration



The fanless, fully sealed IP54 compliant CPU box houses a state-of-the-art computer board and low-power Intel® Atom™ processor



The 6 element phased array far field microphone can "follow the speaker" in order to pick up clear, accurate speech for translation

Specifications

CPU

CPU	1.6 GHz Intel® Atom™ Z530 with HyperThreading
Memory	2GB DDR2, 32 - 128 MB Shared Video RAM
Storage	64GB Solid State Drive with 256bit AES Encryption
System I/O	PAN x 2 - 3.5Amps USB 2.0 - Type A Available via USB Docking Station: <ul style="list-style-type: none">- VGA Video- 10/100 Ethernet- USB 2.0 x 4- Microphone In- Audio Line Out
Battery	Internal Standby: 14Wh External: LI-80 80Wh LI-145 145Wh
Battery Life	Nominal Profile Use 24hrs+ Internal standby battery 1hr+
Standby States	Instant on S3 (3-4 sec recovery)
Carry Method	Wearable with Body Holster
Mechanical	Aluminum Alloy case
Weight	<2 lbs
Dimensions	7" x 4.4" x 1.1"
IP Rating	IP54 when in use

SPEAKER / MICROPHONE

Microphone	6 Element Phased Array Far Field
Dedicated Audio Output Device	High Power Flat Panel Speaker
Amplifier	Integrated 15W Class D
Low Power Mode	Allows standalone use with any computer with a USB port
External Buttons	Dual "A" "B" Buttons
Connector	PAN (USB)
Material	ABS; ABS-Sealed (Speaker Diaphragm)
Weight	12 Oz
IP Rating	IP54 when in use

For more information on our rugged products, please visit:

www.securecomm.com

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 **Secure**
Rugged Portable Systems

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