E-LynX™ VIC
Tactical vehicular intercom system

- ▶ **Decentralized system architecture:** Enhances flexibility and reliability

- ▶ **Compact design:** Optimized for combat platforms

- ▶ **Seamless integration:** Easy to install and easy to use

- ▶ **IP connectivity and VoIP services:** Ensures modern communication capabilities

- ▶ **Digital audio processing:** Includes Voice Activity Detection (VAD) and Active Noise Reduction (ANR)

- ▶ **Voice groups support:** Designed for use with Software Defined Radios (SDR)

- ▶ **Customizable operation modes:** Configurable programs for various missions

Elbit Systems™
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E-LynX™ VIC

Modular Scalable Design

Combat-proven lightweight, compact, and easy-to-install devices with innovative mission capabilities for various platforms and operational scenarios, including dismounted missions.

Universal Connectivity

Decentralized IP-based architecture ensures compatibility with both legacy analog and modern IP-based radios, as well as standardized voice systems.
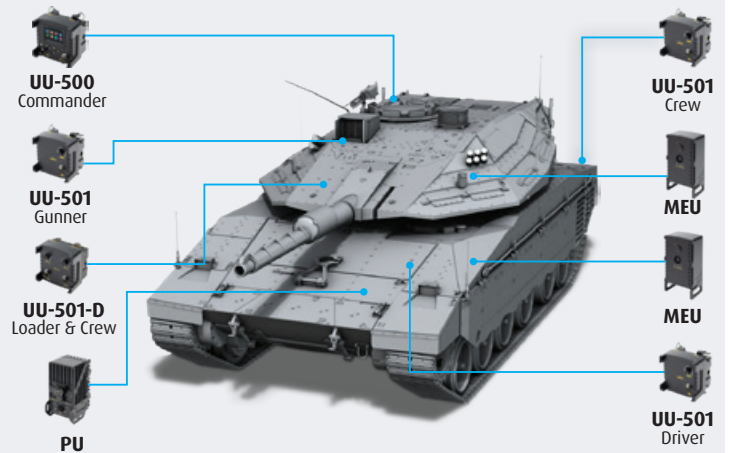
Member of E-LynX™ SDR Family

Enhances battlefield effectiveness, a true force multiplier providing a decisive advantage on the modern battlefield.

Crew Station Components

Advanced User Unit (UU-500)
Tailored for commanders and signalers, allowing full control over the system and E-LynX™ radio configuation.

Crew Member Unit (UU-501/UU-501-D)
Serves crew members allowing ultra-simple blind-operation user experience.

Power Unit (PU)
Power supply including protection against power surges and backup in case of power failures.

Modem Extension Unit (MEU)
Extends intercom connection up to 1km to a dismounted remote case and inter-vehicle convertibility via slip ring.

Remote Case
Enables full control of all communication capabilities and devices connected to the E-LynX™ VIC system.

Typical E-LynX™ VIC Setup

UU-500 Commander
UU-501 Gunner
UU-501-D Loader & Crew
PU
UU-501 Crew
MEU
MEU
UU-501 Driver

Technical Specifications

General	
Advanced User Unit (UU-500) Operation	HMI with icon-based operation via 2.8" graphic color display, keypad and knobs
Crew Member Unit (UU-501/UU-501-D) Operation	Program selector and volume control
Services	Simultaneous voice (analog and external VoIP), IP data Multiple voice groups in a single net Multiple VLAN support
Interfaces	Ethernet, RS-232, analog audio, alerts

Power	
Power Unit (PU), Power input	Supporting 20-33V
Backup Battery	Rechargeable Li-ion battery options
Standard	MIL-STD-1275E

Physical	
UU-500/ UU-501/ UU-500-D Dimensions (HxWxD)	120x120x94mm
UU-500/ UU-501/ UU-500-D Weight	1.3kg
PU Dimensions (HxWxD)	179x95x112mm
PU Weight (without battery)	1.35kg
MEU Dimensions (HxWxD)	190x106x67mm
MEU Weight	1.15kg

Qualifications	
Environmental	MIL-STD-810G
EMC	MIL-STD-461G

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