

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

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.

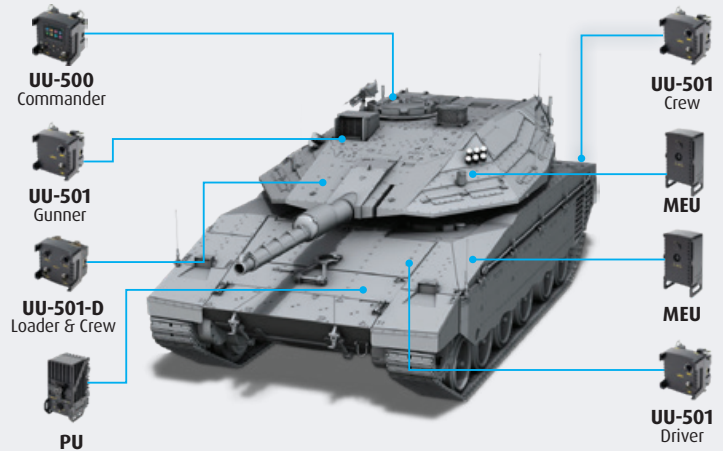
Member of E-LynX™ SDR Family

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 configuration.
- Crew Member Unit (UU-501/501-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



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-501/501-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-501-D Dimensions (HxWxD)	120x120x94mm
UU-500/ UU-501/ UU-501-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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