

ADU01 Diagnostic system

The RETIA diagnostic system is designed to collect diagnostic information from the vehicle's vetronic systems and from the technological and electronic superstructure of the vehicle for their processing, display and storage, allowing control of selected vehicle systems.



MAIN FEATURES

- Collection of information from vehicle chassis systems (engine, brakes, gearbox ...)
- Collection of information from the technological and electronic superstructure of the vehicle (fire control system, leveling system, power management ...)
- Integration of vehicle sensors and other devices (camera system, CO2 detector, detector of war substances ...)
- Control of selected vehicle systems (air-condition, camera system ...)
- Processing information and displaying it on screens (driving and vehicle parameters, map and navigation data, camera images ...)
- Recording of operating parameters and states (error messages, system events ...)
- Possibility of adaptation to user requirements (integration of other interfaces, customization of SW ...)

USAGE

- Any kind of ground technology

REFERENCE

- Army of the Czech Republic - armored vehicle TITUS

MAIN PARAMETERS

Dimensions	370 mm x 350 mm x 95 mm
Weight	9,3 kg
Power supply	+24 V (+18 V ÷ +32 V)
Power consumption	max. 40 W
Interfaces	Metallic Ethernet (10/100/1000Base-T) CAN DVI, HDMI GPS antenna other digital and analog interfaces
Operational temperature range	-32 °C ÷ +49 °C
Storage temperature range	-33 °C ÷ +63 °C
EMC/EMI	MIL-STD-461F
Shock and vibration	MIL-STD-810G
Ingress protection	IP54 (with connected connectors)