

LEGUAN RC
Remote-controlled prototype

KNDS



/ System Overview



1. Vehicle Control Module

The core of the remote control system. It processes the camera pictures and remote control signals and is responsible for the movement of the tank.

2. Modified battery compartment

The remote control system is powered directly from the tank's 24V batteries. Therefore, an updated battery lid with an integrated key switch is installed.

3. Periscope insert

Connects and initializes the vehicle to the remote control system.

4. Cameras

Five cameras to support the operator.

5. Antennas

Radio for the remote control and a separate radio for the safety circuit.

/ Technical Data

Weight of the integration kit:	400 kg
Time to integrate:	4 hours
Remote distance with safety radio:	500 m
Max. driving speed:	approx. 15 km/h (limited to first gear)

- Easy driving concept (similar to a game controller)
- Control of the bridge with original Bridge Operating Panel
- Clearly arranged user interface with all necessary vehicle information
- All basic functions of the LEGUAN AVL B are integrated:
 - driving
 - bridge launching
 - retrieving the bridge
- Remote operating time up to 6 hours



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