

# NERVA<sup>®</sup> LG

**MULTI-PURPOSE MINI-ROBOT FOR  
RECONNAISSANCE AND SUPPORT  
TO OPERATIONS**

## **Versatility and Dynamics in Operations**

- ◆ Can be integrated into Combat Systems
- ◆ Robust and Reliable
- ◆ Easy to use

**nexTER**  
R O B O T I C S



# NERVA<sup>®</sup> LG

## VERSATILITY AND DYNAMICS IN OPERATIONS

It is particularly well-suited for reconnaissance and opening up of potentially dangerous areas (IED or CBRN threats)

Easy to deploy, throwable and with a high speed capability, it fits to the tempo of operations.

It can be reconfigured in a few seconds on the field, with no special tools (Wheels/Tracks, Payload, Batteries), it always provides the capabilities best suited to the context.

It can be deployed and used by mounted or dismounted personnel, using a control station with advanced ergonomic capabilities.

It also forms a natural extension for operational vehicles.

### TACTICAL USE

<b>Wheels/Batteries/Payloads replaceable in «1-click»</b>	
<b>Indoor/Outdoor use</b>	
<b>Throwable and reversible (up/down)</b>	
<b>Can be operated in mounted and dismounted operations</b>	
<b>Speed</b>	15 km/h
<b>Weight</b>	4 kg
<b>Endurance</b>	2 hours
<b>Charging time</b>	< 1 hour
<b>Perception of the environment</b>	360° image (HD + light at front); audio feedback
<b>Robustness (shocks/vibrations, temperature)</b>	MIL-STD-810
<b>Waterproofness</b>	IP65 (IP67 on request)
<b>Remote control system</b>	- Rugged PC - Smartphones - Tablets - «Field» ergonomics
<b>Remote control assistance</b>	Semi-autonomous capabilities

### LOGISTICS AND CONFIGURATION

<b>Secured transport kit for vehicles</b>
<b>Transport kit for dismounted soldier</b>
<b>Charging kit for vehicle and solar panel</b>
<b>Payloads/Batteries replaceable in «1-click»</b>

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### LIST OF PAYLOADS (CU)

**Payloads can be dedicated or based on standard equipment from third manufacturers**

*Extract from payload catalogue :*

<b>Single camera with 360° panoramic vision (including lighting)</b>	Local Situation Awareness (LSA), reconnaissance under vehicle, etc.
<b>Uncooled IR Camera</b>	Thermal vision
<b>Pusher actuator</b>	Mechanical action on suspicious objects
<b>Audio intercom</b>	Predefined sounds + operator voice
<b>Anti-IED tool kit</b>	In progress
<b>Smoke generator</b>	Position marker or anti-intruder action
<b>CBRN detectors</b>	Standard equipment

**Opening to hold standard payloads (Picatinny rail, electrical energy, Ethernet, etc.)**

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