EQUIPMENT

NERVA®
LG

MULTI-PURPOSE MINI ROBOT FOR RECONNAISSANCE
AND SUPPORT TO OPERATIONS

CREATING NEW REFERENCES IN DEFENSE

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KIT CONTENT

1x NERVA® LG Robot
1x Handheld controller
2x Robot batteries
1x Robot charger
1x Controller battery

1x Controller charger
1x Antenna kit
1x User Manual
1x Rugged case

1ST RESPONDER CAPABILITIES

- Ultra-robust, shock resistant, waterproof
- Can be used by dismounted personal or any vehicle
- Can be easily operated from any standard equipment
- Extremely short training time, a few minutes
- Standard version overcomes up to 10cm height
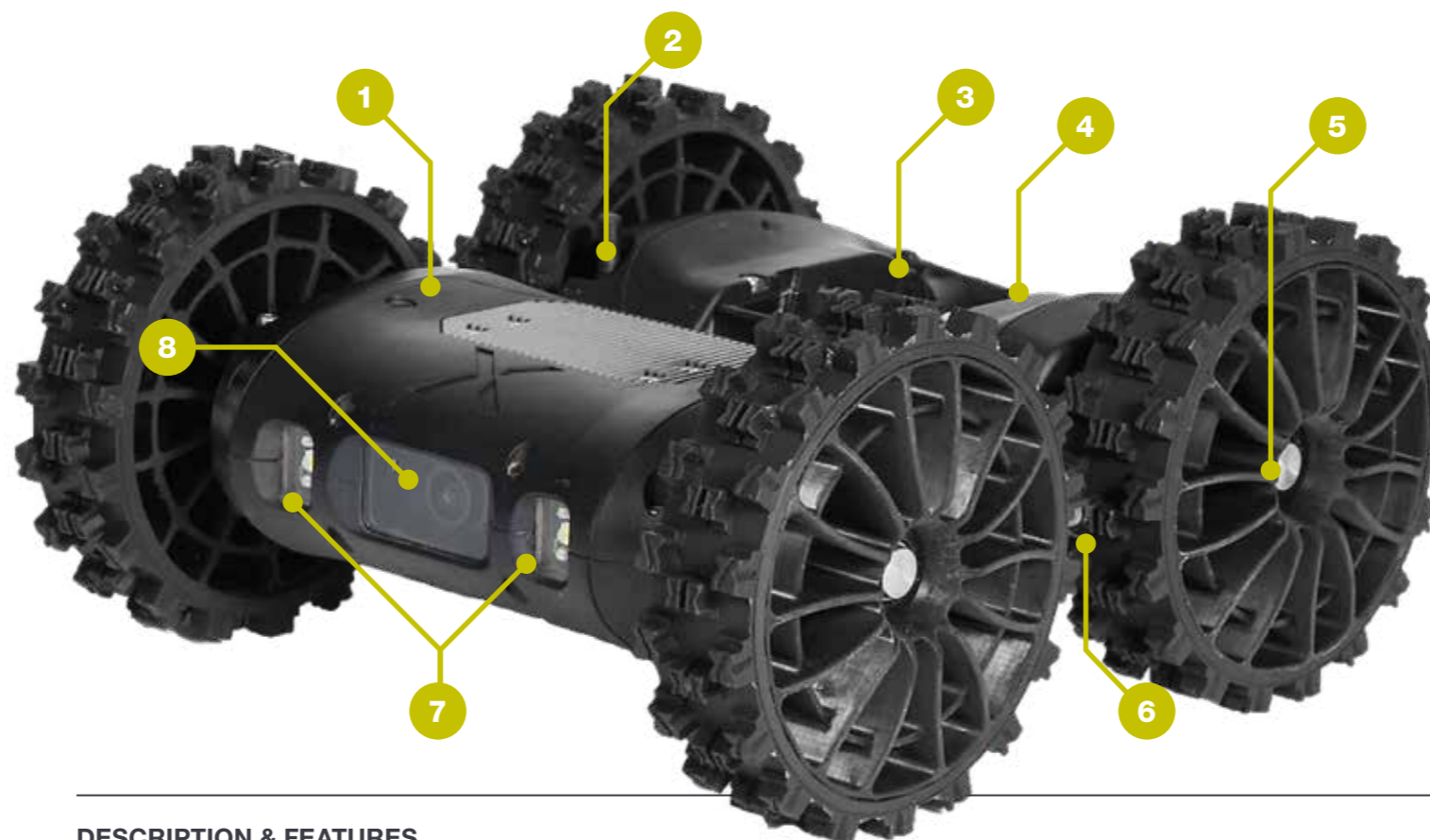- Geo-referenced snapshots + Video recording with automatic 30s pre-record

VERSATILITY & DYNAMICS IN OPERATION

Nerva® LG can be integrated into combat systems, it's a robust and reliable mobile platform, intuitive and very easy to use. NERVA® LG can be used for remote observation, detection, destruction (IED), manipulation, jamming, triggering (trip wires), ect.

MOST UNIQUE MOBILE PLARFORM

It is particularly well-suited for reconnaissance and opening up of potentially dangerous areas (IED or CBRN threats) easy to deploy, launchable and with a high-speed capability, it fits to the tempo of operations.

It can be reconfigured within a few seconds on the field, with no special tools (Wheels/Tracks, Payload, Batteries), it always provides the best capabilities in the most varied contexts of intervention. 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.

1-CLICK SYSTEM
NO TOOL REQUIRED

1-Click Payload

1-Click Wheel

1-Click Battery

DESCRIPTION & FEATURES

1 **1-CLICK BATTERY:**
Changing the battery can be done easily in 1-click, no tool required.

2 **LONG RANGE COFDM:**
More than 1000m in Line Of Sight (LOS), more than 500m in dense forests, more than several 100m in urban areas.

3 **1-CLICK MODULES:**
Mechanical and electrical interfaces to operate a large panel of additional standards or dedicated payloads. No tool required.

4 **SEMI-AUTONOMOUS:**
Semi-autonomous capabilities: waypoints navigation.

5 **1-CLICK WHEEL:**
1-Click system, no tool required: several types of wheels/tracks available: standard, sandy terrain, etc.

6 **360° FIELD OF VIEW:**
One standard camera on left, right and rear sides, 320x240 high sensitivity resolution (PAL), 100° horizontal FOV, 75° vertical.

7 **WHITE & IR LIGHTS:**
Integrated high power days lights (front camera) and high-power IR lights (front camera).

8 **FRONT HD CAMERA:**
1280x720 pixels area, 110° instantaneous horizontal FOV, 60° instantaneous vertical FOV, virtual Pan&Tilt with no moving part, day light and IR sensibility.

OTHER COLORS
CUSTOM ON REQUEST

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NERVA® LG | MODULARITY FOR MULTI MISSION REQUIREMENT

Whether you need Observation & Detection, Localization & Mapping, Action & Intervention, NERVA® LG can help you complete your mission with the highest flexibility. Swap your NERVA payload in five seconds, the NERVA® will automatically detect it and communicate with it appropriately.

Thermal imaging	Radiologic sensor	PTZ camera	Disruptor mount
Chemical sensor	Dropping charge	2D-mapping	Smoke generator
Vehicle inspection	Gunshot detection	Generic support	Non lethal weapon
Two-way intercom	360° IR illumination	µ-camera	Other wheels
External battery	Tracks kit	Battery & Charger	Optical fiber
Special antennas	We adapt your equipment		

Your Agent

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