

LAND DEFENSE ROBOTIC SOLUTIONS



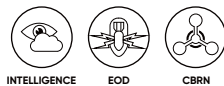
exail

ADVANCED ROBOTICS FOR OPERATIONS SAFETY

UNMANNED GROUND VEHICLES

Multi-mission robots

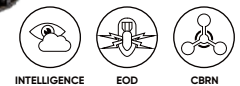
Exail provides a wide range of reliable and robust UGVs dedicated to Intelligence, EOD/IEOD and CBRN applications. Offering high maneuverability and stability through the toughest obstacles (mud, snow, sand, dirt, etc.), Exail's UGVs can be deployed within the most challenging environments. Their modular architecture and remote capabilities make them the perfect platforms to conduct a wide range of missions with the utmost flexibility and security.



Cameleon LG

Backpackable UGV with robotic arm capabilities

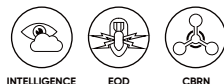
The Cameleon LG is a lightweight and compact UGV easily deployable in the context of a rapid intervention. Offering 20 cm obstacle clearance capabilities, it is equipped with a manipulator robotic arm able to be fitted with various tools, making it a highly versatile UGV adaptable to a wide range of missions.



Iguana

UGV with robotic arm and high obstacle clearance capabilities

The Iguana is a two-man portable UGV for specialized intervention. Its robotic arm, that can be fitted with a comprehensive set of tools (X-RAY systems, disrupters, lasers, etc.), offers multi-mission capabilities. Highly maneuverable and narrow, it benefits from high obstacle clearance capabilities (up to 80 cm) and can operate in highly confined spaces.



Cameleon MK3

Portable UGV with robotic arm capabilities

The Cameleon MK3 is a lightweight multi-mission UGV for specialized intervention. With its advanced manipulator robotic arm and comprehensive tools capacity, it can conduct a wide range of missions. Easy to deploy by a single person or from a standard vehicle, it is highly maneuverable and offers obstacle clearance capabilities up to 25 cm.



Mission-ready training

Operational readiness through specialized training

To ensure optimal use of our robotic solutions, a full range of training programs is available – covering robot operation, maintenance, and operational demining techniques. These hands-on, mission-focused trainings are designed to equip teams with the skills and knowledge needed to perform effectively in real-world conditions.

	Cameleon LG	Cameleon MK3	Iguana
Obstacle clearance	20 cm	25 cm	80 cm
Weight	22 kg	50 kg	75 kg
Manipulator robotic arm	5 axis	6 axis	6 axis
Vertical x horizontal reach	0.9 m x 0.5 m	1.5 m x 1.2 m	2.2 m x 1.2 m
Lifting capacity	3 kg @ 0.55 m, 5 kg @ 0.1 m	5 kg @ 1.2 m, 15 kg @ 0.3 m	Up to 40 kg
Disruptor mounts	1	2	2
X-ray Sensors		Yes	Yes
Localization and mapping modules	Yes		
Dropping charges	Yes	Yes	Yes
EOD tools	Yes	Yes	Yes
Explosimeter		Yes	Yes
Sample collection device		Yes	Yes
Multiple CBRN Sensors	Yes	Yes	Yes

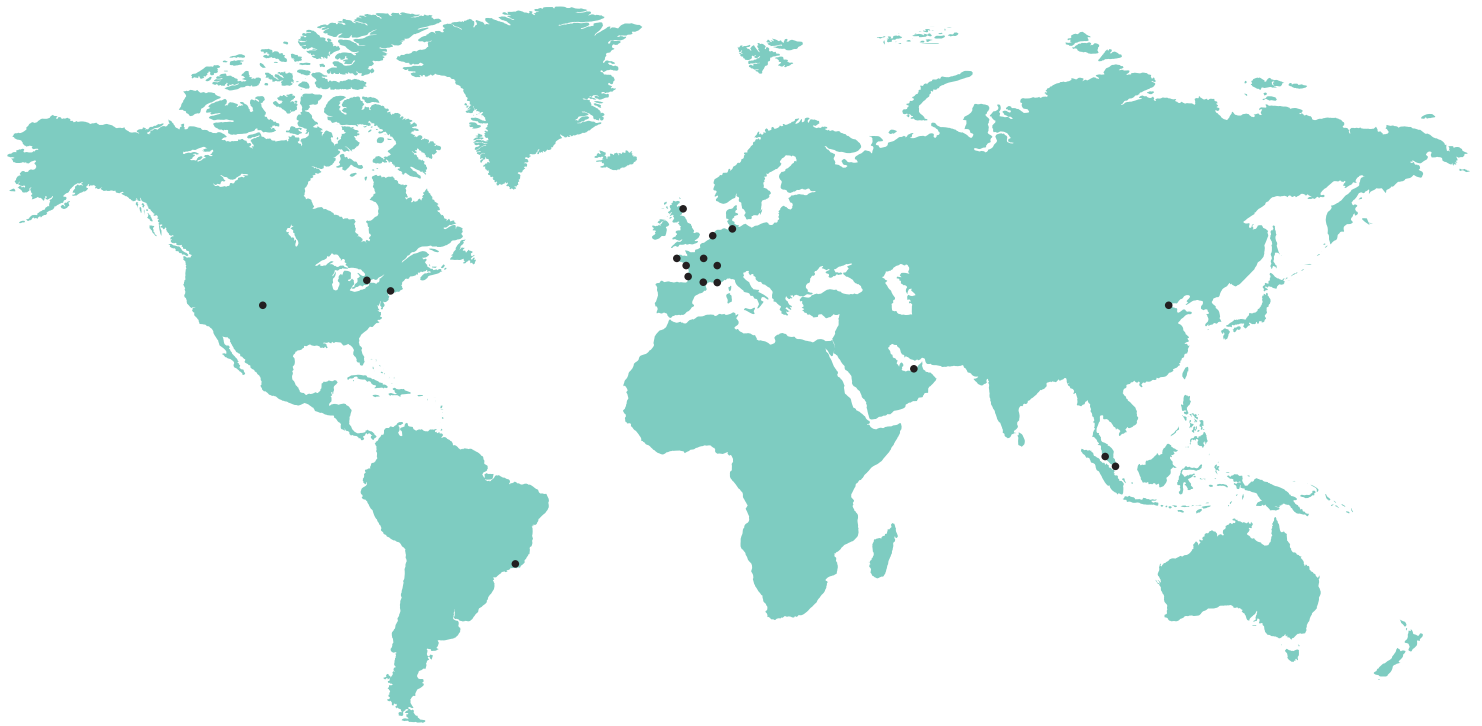


TELEOPERATION SYSTEMS FOR LARGE UNMANNED GROUND VEHICLES

Exail's advanced teleoperation systems allow operators to convert existing manned defense vehicles into unmanned teleoperated vehicles to remotely control them from a secured area. Our teleoperation systems provide intuitive situational awareness and easy control of all the vehicle functionalities.



our global footprint



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