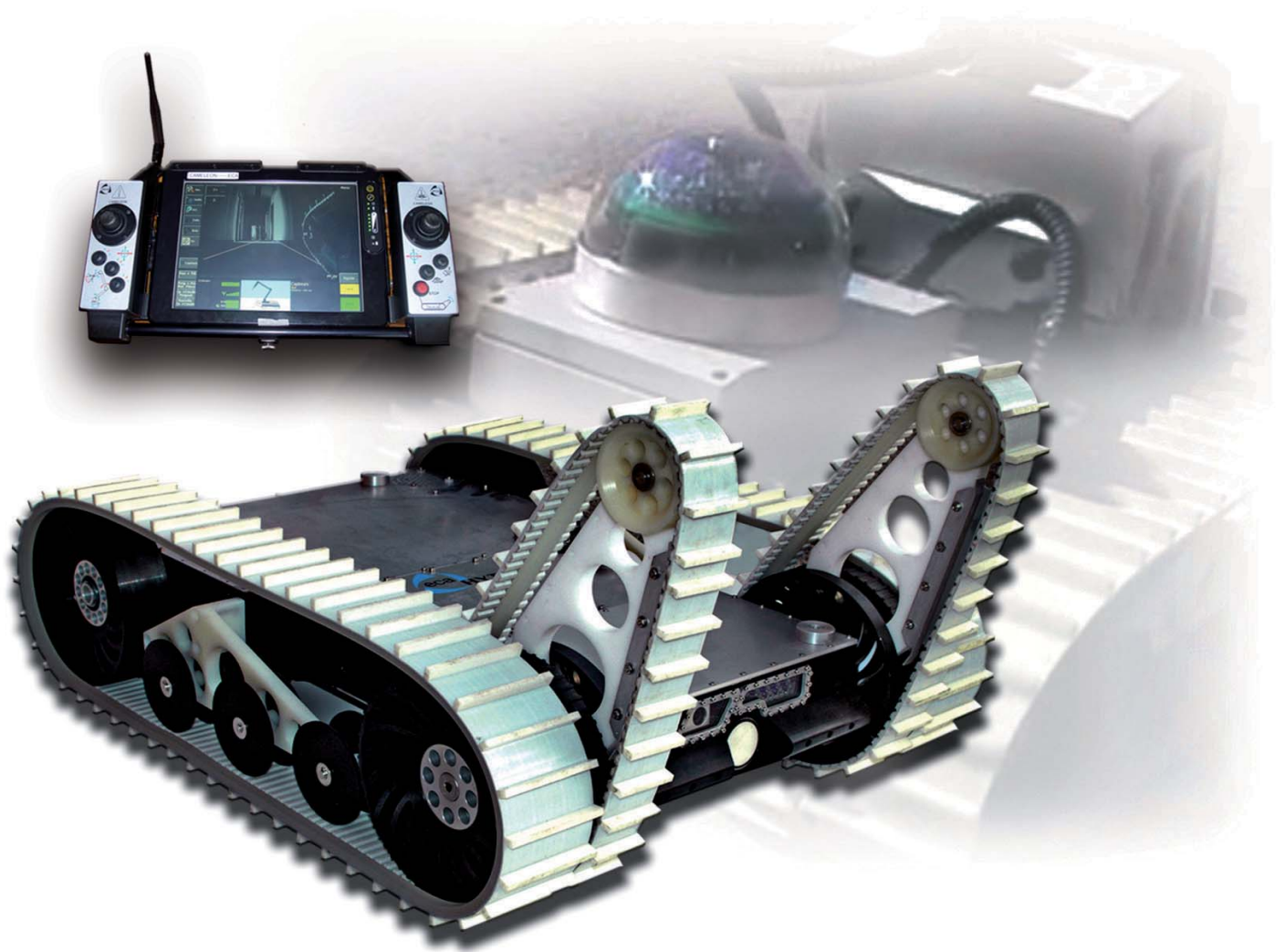




CAMELEON

Lightweight Modular UGV



***One Vehicle,
Various Duties***

- EOD/IEDD
- Situational awareness
- Reconnaissance, surveillance & target acquisition
- NRBC detection and analysis
- Soldier protection

CAMELEON

Lightweight Modular UGV

General characteristics

Mobile base

- . Power : 30 V Li-Ion Battery
- . Endurance : 2.5 h (Typical)
- . Max Speed : 10 km/h
- . Size in mm : 670(L) x 500(W) x 190(H)
- . Platform Weight : 25 kg
- . Motion : 2 tracks + 2 front flippers
- . Obstacle clearance : up to 25 cm
- . Payload capability : up to 20 Kg
- . External Interface : 2 slots for mission modules

Open architecture

Based on a Multi-Agent System (MAS) allowing to plug n'play mission modules.

Mission Modules

- . Indoor localisation and mapping
- . Smoke dispenser
- . Gas & tear launcher
- . Telescopic observation video camera
- . Night and day detection and surveillance
- . Radiological & chemical measurement
- . CBRNe module: Sampling collector, C/R sensor, PTZ camera
- . EOD/IEDD module : Manipulator arm, X-Ray system, disruptor...
- . Dropping charge

Operational characteristics

Working Range

- . Radio : up to 300 m (*)
- . FO Cable : up to 200 m

(*) 100 mW - extension possible on demande

Command & Control Unit

- . Portable PC
- . 10.4" touch screen
- . 2 joysticks
- . Firing command safety
- . Microphone & speaker helmet

Piloting aid

- . Pre-defined manipulator arm movements
- . SLAM cartography
- . Indoor/outdoor localisation
- . Follower/leader module



ECA reserves the right to vary the specifications and details contained in this publication