



CAMELEON EOD

Lightweight EOD UGV



**Compact
Lightweight
Modular EOD Robot**

- EOD/IEDD detection & neutralization
- Bomb disposal
- Render safe
- CBRNe detection
- Dangerous duty operations

CAMELEON EOD

Lightweight EOD UGV

General Characteristics

Mobile Base

- Power : 30 V Li-Ion Battery
- Endurance : 4 h (typical)
- Max Speed : 6 km/h
- Size in mm : 670 (L) x 500 (W) x 190 (H)
- Platform Weight : 27 kg
- Drive : 2 tracks + 2 front flippers
- Obstacle Clearance : up to 25 cm
- Payload Capability : up to 25 kg
- External Interface : 2 slots for mission modules
- Sensor : CIR sensor input

EOD Manipulator Arm

- 6 function electrical arm
- Weight : 15 kg
- Horizontal Reach : 1.2 m
- Vertical Reach : 1.5 m
- Lifting Capability : 5 kg (tucked arm)
: 3 kg (extended arm)
- Gripper : 360° rotation
: 90° aperture
: 15 daN strength
- Sensors : Gripper colour camera (x4)
: Turret with colour day/night camera (x4)
: Disruptor camera & lighting input
: Chemical or radiological sensor input
: Telemeter laser input

Options & Accessories

- Fibre Optic Reel
- Pan & Tilt Video Camera
- X-Ray & Disruptor Support
- Laser Telemeter

Piloting Aid (EOD configuration)

- Pre-defined manipulator arm movements

Operational Characteristics

Working Range

- Radio : up to 500 m
- FO Cable : up to 200 m

Command & Control Unit

- Tablet PC
- 10.4" touch screen
- 2 joysticks
- Firing command safety
- Microphone & speaker headset

Mission Modules⁽¹⁾

- Indoor localisation and mapping
- Smoke dispenser
- Tear gas launcher
- Telescopic observation video camera
- Day & night detection and surveillance
- Radiological & chemical measurement
- CBRNe module : Sample collector, C/R sensor, PTZ camera
- Dropping charge

(1): Up to 2 modules can be used instead of manipulator arm



Manipulator Arm



FO Cable



Pan & Tilt Camera



Laser Telemeter + Disruptor