



# CAMELEON EOD

Lightweight EOD UGV



***Compact  
Lightweight and  
affordable 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
- . Motion : 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

### 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 helmet

#### EOD Manipulator Arm

- . 6 fonction 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 strenght
- . Sensors : Gripper colour camera (x40)  
: Turret with colour night/day camera (x4)  
: Disruptor camera & lighting input  
: Chemical or radiological sensor input  
: Telemeter laser input

#### Mission Modules<sup>(1)</sup>

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

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

#### Options & Accessories

- . Optical Fiber Reel
- . Pan & Tilt Video Camera
- . X-Ray & Disruptor Support
- . Laser Telemeter



Manipulator arm



FO cable



Pan & Tilt camera



Laser telemeter + Disruptor

#### Piloting aid (EOD configuration)

- . Pre-defined manipulator arm movements

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