

Cameleon E MK3

IEDD & EOD light weight UGV

- Operational in less than 3 minutes
- Man portable
- Easy to operate with an intuitive HMI
- EOD/IEDD detection & neutralization
- Easy configure without tools
- Modular design



OPERATIONAL PERFORMANCES

Endurance	2h to 4h30
Weight (including payload)	48 Kg
Max speed	6 km/hrs
Obstacle clearance	Up to 25 cm
Climbing capacity	Slope 45° Stairs 35°
Temperature range	-20°C to +50°C
Digital radio range	300m (STD) or 500m (COFDM)
Lifting capability	Up to 15Kg
Reach	Vertical: Up to 1.5 m Horizontal: Up to 1.2 m
Disrupters capabilities	2

TECHNICAL SPECIFICATIONS

Chassis

- Rugged
- Waterproof: IP65
- Weight: 27.7 Kg
- Payload capacity: 25 Kg
- GPS
- Inclimeters
- 2 high sensitivity cameras
- Size (cm): 67(L) x 52 (W) x 19 (H)
- Lighting: white and near IR LEDs
- Microphone (5m pickup range) & 1 loudspeaker
- 2 hot plug mission module capabilities
- Anti-tilt system

Operator Control Unit (OCU)

- 11.6" Full HD rugged touchscreen
- Weight: 5.2 Kg (with 1 battery)
- 4 multi-axis joysticks
- 3D active model of robot
- Video recording
- USB / Ethernet outputs
- Hands free harness
- Hot swap battery
- GPS localisation
- OCU compatible with IGUANA robot

Mission module manipulator arm

- Automatically reach position
- Anti-collision safety
- 6 axis arm
- Turret : +/- 185°
- Max lifting capabilities 15 Kg
- Gripper rotation 360° without limit
- Gripper apperture : 0 to 9 cm / 6 cm to 15 cm
- Camera / light : 4 std, up to 6
- Firing channel : 2 on wrist
- CBRN sensor interface
- XRAY interface

OPTIONS

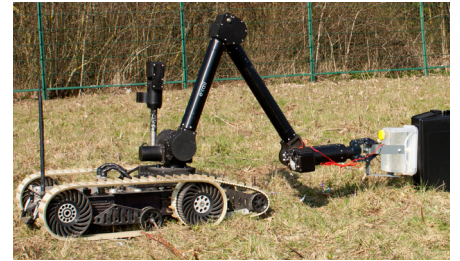
- For Manipulator arm:
 - 25 m range laser telemeter
 - Pan & Tilt camera
 - Different gripper jaws possible
 - Windows breaker
 - Disrupter holder for NEUTREX 20mm & 12.5mm // RE 70 & 50 // LANCE // VIPER CSL 50-70
 - Panoramic actuator for disrupter ABL2000L/3000L (car intervention)
 - Thermal camera
 - Zoom camera x120
- Gripper interface for XRAY
- Chemical & Radiological sensor interface: AP4C, HDS101, XAM7000, ...
- Fiber optic drum: 300m
- Expandable fiber optic link : 1000 m
- Vehicle transmission box
- XRAY generator orienteer



XRAY system



Ocu 11.6 inches



IED neutralization system