

Iguana E

EEI & EOD medium weight UGV

- Intervention aircraft, subway & bus
- High performance mobility
- Simultaneous use disrupters/x-ray/sensors
- Quick deployment & two men portable
- Easy to operate with an intuitive hmi
- System design for easy maintenance



OPERATIONAL PERFORMANCES

- Endurance: up to 4 h
- Max speed: up to 6 Km/h
- Obstacle clearance: up to 50 cm
- Slope and stairs 45° / Devers 30°
- Temperature: -20°C to + 50°C
- Radio range: up to 500 m (COFDM)
- Lifting capability: up to 19 kg
- Vertical reach: up to 2.2 m
- Horizontal reach: up to 1.2 m
- Simultaneous use of 2 disrupters



Configuration with 6 axis arm & wheels



Ocu 11,6 inches



Reduced Logistic footprint

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
 - Panoramic camera for 2.5m high vision
 - Gripper interface for XRAY
 - Chemical & Radiological sensor interface: AP4C, HDS101, XAM7000,...
- Wheels kit
- Long or Short flipper
- Sensors (R/C) Interface
- Pan & Tilt camera with zoom x120
- Fiber optic drum 300 m
- Expandable fiber optic link: 1000 m
- Vehicle transmission box
- XRAY generator orienteer



Manipulator arm with CBRN sensor

TECHNICAL SPECIFICATIONS

Chassis

4 independent flippers	
Rugged	
Waterproof	IP65
Weight	52 kg
Payload	40 kg
Inclinometers & GPS	
2 colour cameras night/day	
Size (cm)	79(L) x 42.4(W) x 25/75(H)
Lightning	4 white and near IR LEDs
Microphone (5m pickup range) & 1 loudspeaker	
2 hot plug mission module capabilities	

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 CAMELEON MK3 robot	

Mission module manipulator arm

Automatically reach position	
Anti-collision safety	
6 axis arm	
Turret	+/- 185°
Max lifting capabilities	15Kg / 19Kg with usage restriction
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	