



# CAMELEON CBRNe

CBRNe detection & analysis



## ***Detection, Sampling & Investigation***

- First responders protection
- Multiple chemical, radiological & explosive sensors
- Measures explosion risk
- Dose rate measurement awhile keeping operators safe

# CAMELEON CBRNe

## CBRNe detection & analysis

### 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 520 (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
- Chemical agent resistant
- Decontamination : IP x 5 resistant

### Operational characteristics

#### Working Range

- Radio : up to 300 m \*
  - FO Cable : up to 200 m
- \* 100 mW - extension possible on demand

#### Command & Control Unit

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

### Options & Accessories

- High definition Pan & Tilt video camera
- Integrated mast with Pan & Tilt video camera
- Pyrometer
- Sampling liquid of gas collector
- Universal radiological sensor support (Gamma, Neutron, radiameter)
- Universal chemical sensor support (explosimeter, PID, TIC, CWA, multigaz)
- Thermographic video camera support
- Manipulator arm
- Optical fiber reel
- X-Ray & disruptor support
- Laser telemeter

### Piloting aid (CBRNe configuration)

- Pre-defined manipulator arm movements

### Other Mission Modules

- Indoor localisation and mapping
- Smoke dispenser
- Gas and tear launcher
- Night and day detection and surveillance
- Radiological & chemical measurement
- EOD/IEDD module: Manipulator arm, X-Ray system, disruptor...
- Dropping charge



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