THeMIS OBSERVE + Shark

THE MOBILE AUTONOMOUS C-UAS PLATFORM THAT PROTECTS UNITS FROM KILLER DRONES

The Electro-optical Counter Unmanned Aerial Systems platform Marduk Shark and the THeMIS UGV provides frontline forces an independent ability to accurately Detect, Classify & Target rogue drones or other flying objects by using the most advanced AI and ML models. The mobile C-UAS platform is upgradeable with different sensors and effectors: Radar, RF detector, Jammer, Laser, etc.
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DETECTION AND TRACKING

**MOBILITY**
- Dimensions: 240 cm x 205 cm x 150 cm
- Combat weight: 1850 kg
- Additional payload weight: 550 kg
- Max. speed: 20 km/h
- Ground clearance: up to 60 cm
- Max. grade: 31 deg / 60%
- Fording depth: 60 cm
- Pull force: 15 000 N
- Run time (hybrid, full internal tank): up to 15 h
- Run time (full load, silent mode): up to 1.5 h
- Line of sight control range: up to 10 km
- Turning radius: 0 m

**GIMBAL**
- IP rating: IP 66 (Dust tight and water resistant)
- Working temp.: -30°C ... +60°C
- Assembly: Modular and fast
- Toughness: Ruggedized
- Portability: Portable

**OPTIONAL INTEGRATION**
- Radar
- RF detector
- Jammer
- Hard kill solution

Detection: Small multirotor up to 2 km; Class II drone up to 10 km
AI - classification: In challenging environmental conditions
Noise elimination: Bird recognition; Background noise
Tracking: Continuous tracking of Object of Interest

Detection: Small multirotor up to 2 km; Class II drone up to 10 km