



An innovative, large, multitask drone with a hybrid combustion-electric engine, based on multirotor technology

Characteristics:

- Autonomic or semi-manual flight mode
- Integrated with a flight planning software
- Able to fly outside of the transmitting station range with a GSM system
- Can be carried by land vehicles and on ships
- Can start from an amphibious DEEP GUARD drone or/and land on the water surface
- Can be integrated with other drones, including the base platform OWL VISION
- Operated by 1 pilot and 1 operator

Description:

- Capable of carrying up to 12 kg of load
- Operational radius up to 25 km
- Operational ceiling up to 3000 m
- Flight duration up to 4,5 h
- High resistance against adverse weather conditions
- Operational temperature range from -15 to +70°C
- Hybrid engine – electric engines powered by a gas fuelled generator (6 kW)
- Cargo compartment capable of holding several automatically connected and disconnected transport containers

Possibilities of installation and transportation on the drone:

- FULL HD, THERMO INFRARED optical systems
- EMP jamming systems analytic systems for radioactive, chemical or biological contamination
- Orthoimaging systems
- Microwave system for detecting landmines
- Rescue rafts for marine operations
- Passive protection systems
- SELF AIMING SYSTEM, a digital system for detecting and analysing targets
- Armed equipment (several configurations)
- Transport containers (several configurations)

Application:

- Army, Police, Special Forces and Border Guard
- Mountain Search and Rescue services
- Protection of marine ships
- Monitoring and protecting strategic objects: pipe lines, drilling platforms, harbours, dams and other