

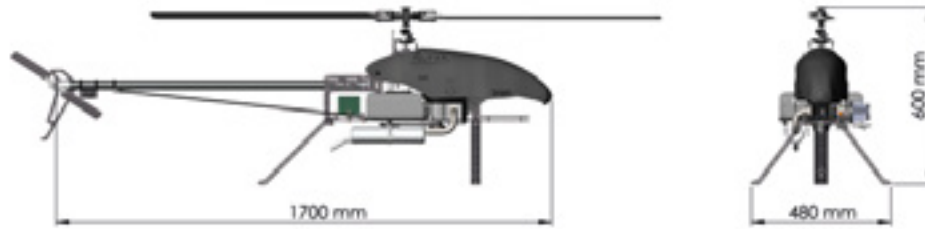


ALPHA 800

**PROFESSIONAL GRADE  
RELIABLE  
AFFORDABLE**

**ALPHA**<sup>®</sup>  
UNMANNED SYSTEMS

# A800 UAV HELICOPTER FOR HARD WORK



- Up to 2.5 hours endurance
- Up to 3 Kg of payload capacity
- Up to 30 Km range
- On-board alternator/generator
- Redundant power supply
- High variety of payloads available and integrated
- All on board electronics are IP64 or higher rated
- Patent pending technologies



## CIVIL

- Surveillance
- Inspection
- Land Survey / Mapping
- Search & Rescue
- Traffic Monitoring
- Logistics
- Environmental contamination analysis

## MILITARY/PUBLIC SERVICES

- Surveillance and Reconnaissance
- Advanced observation
- Maritime Security
- First Responders

## CAPABILITIES

### ● COMBINING KEY ASPECTS OF ROTARY WING UAV'S:

- Vertical take-off/landing and hovering
- Extended endurance due to gas powered engine
- Considerable payload capacity, enabling use of high quality EO/IR cameras and sensors

### ● RANGE OF PAYLOADS ARE AVAILABLE AND ALREADY INTEGRATED:

- Dual sensor cameras EO / IR
- Lidar payload
- Multispectral

### ● CONTROL OVER A WIDE RANGE OF TASKS:

- Auto take-off and landing
- Auto flight plan execution (waypoints)
- Hover and Fly-to
- Auto Return-To-Base (RTB) in case of communication failure
- Manual override
- Camera (payload) stabilization, pointing and control
- Onboard 3D Digital Elevation Model (DEM) for accurate control and camera

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