

C4i *communication*

EXPERIENCE THE DIFFERENCE
YOUR SECURITY & SAFETY PRODUCTS

C4UAV180

MINI VTOL DRONE

PROFESSIONAL UAV / MAPPING / RECONNAISSANCE / SEARCH AND RESCUE



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<http://c4communication.com>



C4UAV180 A MINI GASOLINE UAV FOR LONG OPERATIONS. EQUIPPED WITH A WIDE RANGE OF PAYLOADS, THIS UNMANNED AERIAL VEHICLE (UAV) IS IDEALLY SUITED TO CIVILIAN APPLICATIONS, SUCH AS CIVIL SECURITY OPERATIONS, SURVEY AND INFRASTRUCTURE INSPECTION

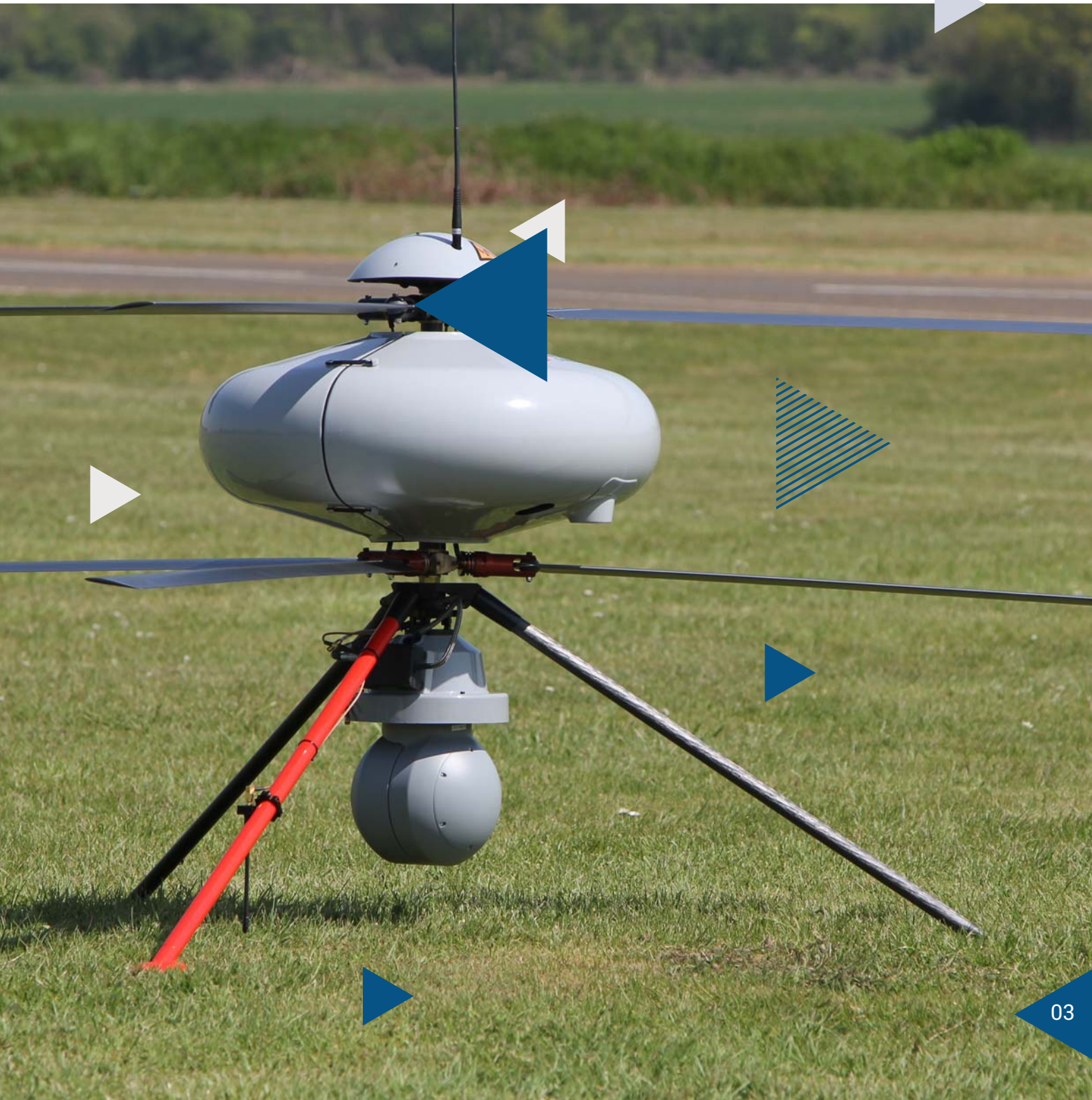
A robust and quick solution for tactical deployment on field

- Upon request the C4UAV180 can be deployed on the field in less than 8 minutes
- Its patented structure gives up to 120 minutes unparalleled endurance with up to 5 kg payload
- Whatever the weather or temperature the system will achieve its mission thanks to its unique counter rotating structure
- Flight plans can be prepared and tested in advance by using the unique C4UAV180 mission simulator



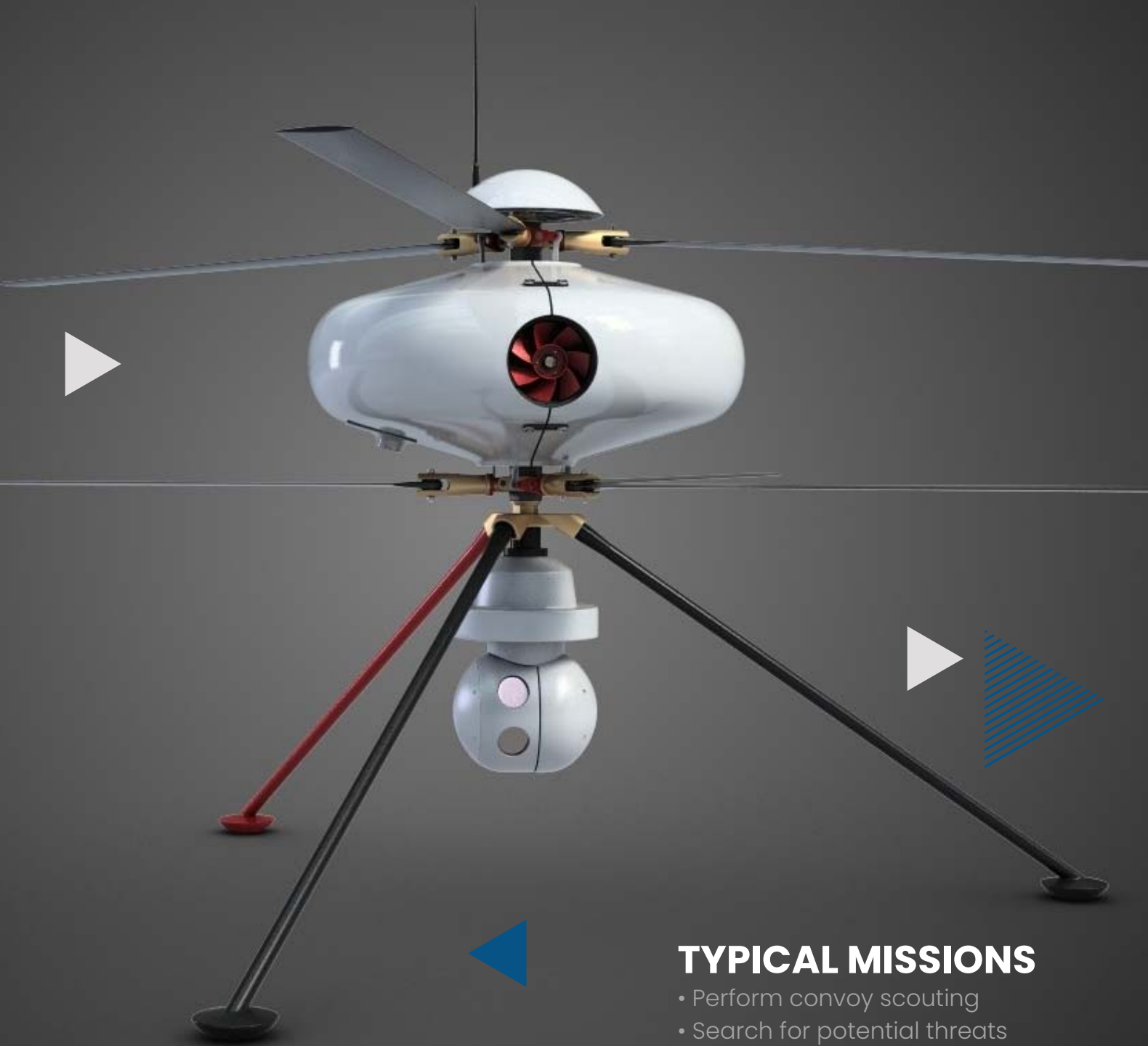
Signal and image intelligence performed by premium high end solutions embedded on the C4UAV180

- The IMSI grabbing allows to identify nearby cellular devices and extract cellular identities.
- Targeted networks (2G, 3G, 4G) and cellular devices detection range are available depending on the IMSI catcher selected
- A wide range of solutions available thanks to the unique C4UAV180 loading capacity
- Human target visual detection up to 1500 m thanks to the powerful optical zoom associated with the SD or HD sensor and optional onboard recording



FEATURES

- 10 km range for reconnaissance mission
- Advanced airborne IMSI-catching solution with target identification & localization
- Wide area coverage with up to 36 continuous optical zoom (fov2°) EO sensor coupled with simulated GSM/UMTS/LTE base-stations by SDR



BENEFITS

- Large area coverage
- Up to 2 hours endurance
- All-weather deployment
- Single operator & quick deployment

TYPICAL MISSIONS

- Perform convoy scouting
- Search for potential threats
- Detect, localize and provide visual confirmation of wanted targets

APPLICATIONS



Applications for Defence & Security Sector

- ◇ Search & Rescue (Homeland Security):
First Responders
- ◇ Hazmat – CBRN area
- ◇ Firefighting: Fire surveillance
- ◇ Search & Rescue operations (for Naval Forces)

Applications for Aerospace Sector

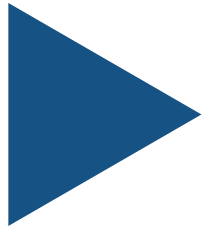
- ◇ Homeland security : First responders
- ◇ Infrastructure inspection
- ◇ Mineral exploration & mining
- ◇ Civil protection



Applications for Energy & Industry Sector

- ◇ Control & Survey: Engineering structure
(Dams, bridge, construction, water tower...)
- ◇ Geophysics Survey: Mining and Mineral
Exploration
- ◇ Control & Survey : Power Lines
- ◇ Aerial surveillance, firefighting, chemical
detection for Site protection
- ◇ Aerial surveillance & Nuclear detection for
nuclear plants
- ◇ Infrastructure protection :
Inspection, Protection (Railways)





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