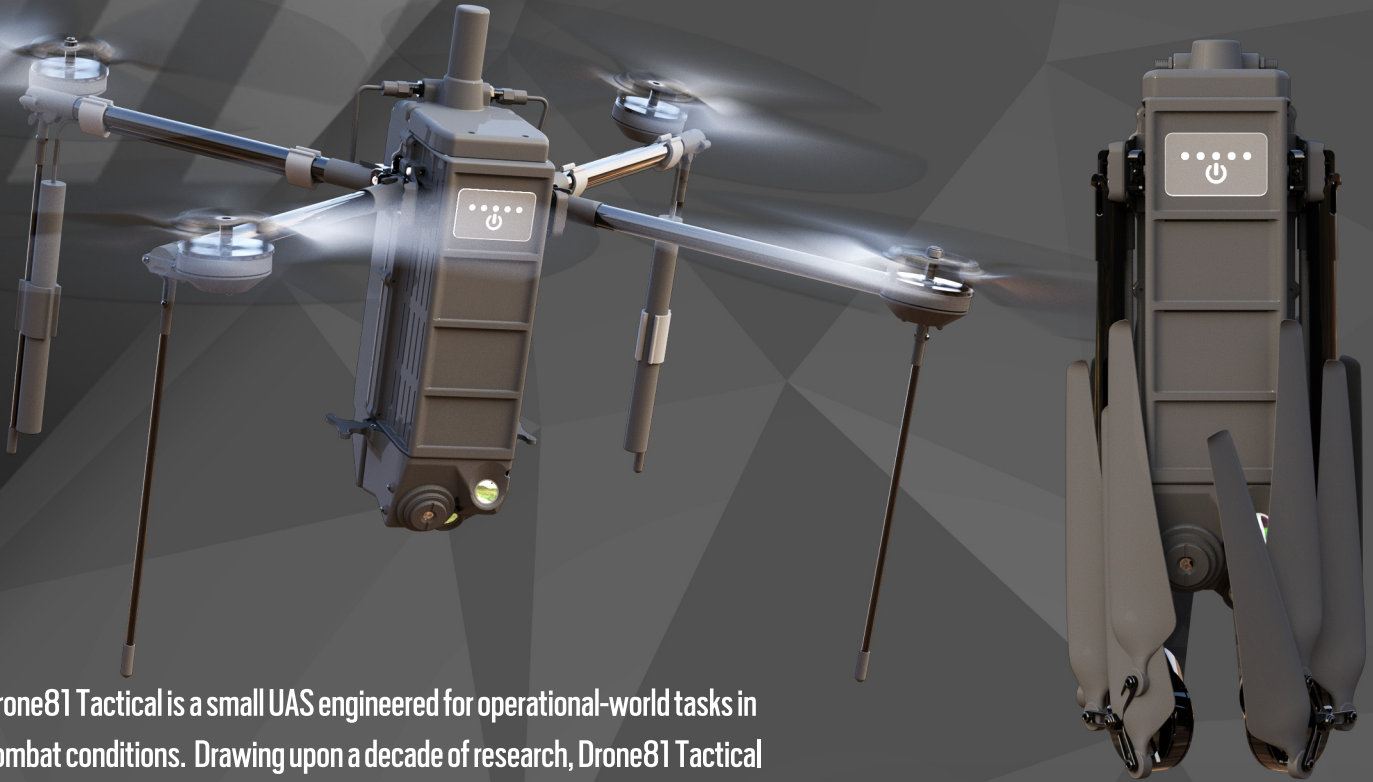


DRONE81 TACTICAL

UNMANNED AERIAL VEHICLE



Drone81 Tactical is a small UAS engineered for operational-world tasks in combat conditions. Drawing upon a decade of research, Drone81 Tactical offers rapid deployability and affordability with unparalleled endurance and payload capacity for its class.

Drone81 Tactical has been engineered to accept modular field replaceable payloads and enduring multi-mission capabilities.

At its core lies the computing power of Nvidia Jetson, providing a robust platform for next-generation capabilities such as AI and autonomy. Its adaptable connectivity features ensure seamless integration with various local radio requirements, supporting microhard, 5G, or Onboard DTX 5G base station configurations.

FEATURES

- AUTOMATIC LAUNCH MECHANISM
- CONFIGURABLE WITH THERMAL CAMERAS
- FROM STOWED TO OPERATIONAL MODE IN UNDER 2 MINUTES
- STATE-OF-THE-ART 3-CAMERA MEDUSA ISR PAYLOAD
- DIGITAL STITCHED VIRTUAL GIMBAL
- HIGH ENDURANCE (75 MINUTES OF FLIGHT TIME)
- HIGH ENDURANCE (PAYLOAD CARRY OF 1.7KG)
- SUPERIOR HIGH-SPEED (REACHING A MAX SPEED OF 25m/s)
- MODULAR FIELD REPLACEABLE PAYLOADS
- EXPLOSIVE CAPABILITY, ABILITY TO DROP ORDNANCE

SPECIFICATIONS

DIAMETER (DEPLOYED)	855 mm
HEIGHT (DEPLOYED)	260 mm
HEIGHT (STOWED)	315 mm
TAKE-OFF WEIGHT (EMPTY)	1800 g
MAX PAYLOAD	1700 g
MAX TAKE OFF WEIGHT	3500 g
MAX FLIGHT TIME (NO PAYLOAD)	75 min
MAX FLIGHT TIME (MAX PAYLOAD)	30 min
MAX DISTANCE (NO PAYLOAD)	60 km
MAX DISTANCE (MAX PAYLOAD)	20 km
RADIO RANGE	5-7 km
DASH SPEED	25 m/sec
OPTIMUM CRUISE SPEED	12-15 m/sec
MAX ALTITUDE (NO PAYLOAD)	10,000 m
MAX WINDSPEED	24 m/sec
MEDUSA CAMERA OPTIONS	EO/Thermal

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DEFENDTEX