

ORBITER[®] 4

Tactical UAS



AERONAUTICS™
YOUR EDGE IN THE FIELD

ORBITER[®] 4

Tactical UAS

Combat-proven, Orbiter 4, offers excellent multi-mission performance for a variety of ISTAR missions. Incorporating Group 4 ISR capabilities within runway-independent Group 2 logistic footprint, the Orbiter 4 is a long-range Tactical UAS that can carry multiple payloads, with VTOL configuration, and offers long endurance and full redundancy.

Applications & Payloads

- » EO/IR with Laser Target Designator (LTD) | Laser pointer/rangefinder
- » Wide Area Motion Imagery (WAMI)
- » Communications Intelligence (COMINT)
- » Electronic Intelligence (ELINT)
- » Electronic Warfare (EW)
- » Maritime Patrol Radar (MPR)
- » Synthetic Aperture Radar (SAR)
- » Automatic Identification System (AIS)
- » Other integrated sensors and



Specifications

MTOW
55 kg

Size: Wingspan
5.2 m | Length: 1.2 m

Maximum Endurance
up to 24 hrs

Datalink
LOS up to 150 km
or BLOS

Full redundancy
avionic system

Payload weight
up to 12 kg

Maximum speed
70 kts

Main Features

- » Communications relay and SATCOM
- » Highly transportable vehicle-mounted system
- » Advanced Navigation system | fully operational in GPS-denied areas
- » Operability in harsh weather conditions, under-cloud base
- » Low silhouette, silent flight, designed for covert operations
- » Operational versatility and flexibility
- » Small logistic footprint | highly transportable | rapid assembly & turnaround
- » Automatic takeoff and recovery with Launcher and parachute or Vertical Take off and Landing (VTOL)
- » Autonomous flight modes
- » Full redundancy
- » Low silhouette, silent flight, designed for covert operations

