

SWITCH UAV

All Terrain Dominator



Over 15 km*

Operational Range

Up to 6.5 kg

Take-off Weight

Over 120 min

Flight Time

VTOL - Fixed Wing Hybrid with Long Range and High Endurance for All-Terrain Dominance

Applications



Reconnaissance Missions



Long Endurance Security & Surveillance



Large Area Mapping



Stealth Mode Operations



Day & Night Vigilance



Harsh Environment & High Altitude

SWITCH UAV

Specifications

Endurance

> **120 minutes at MSL** (Mean Sea Level)

Range (LoS)

> **15 km***

Weight

< **6.5 kg**

Wind Resistance

20 km/h (~10.8 knots)

Ingress Protection

IP53 Rated for Dust & Water Resistance

Operating Altitude

1000 m AGL (Above Ground Level)

Max Launch Altitude

4000 m AMSL (Above Mean Sea Level)

Vehicle Size

~2.6 m x 1.8 m

Compatible Payloads/Camera Options

HD Daylight Payload

1280 x 720 pixels, 25x Optical Zoom

Thermal Payload

640 x 480 pixels

Fail Safe Features

- Multiple GPS
- Return home on low battery
- Return home on high winds
- Return home on communication failure

Ground Control Station (GCS) Features

- Laptop/Tablet
- Handheld controller for pan, tilt, zoom
- High range Communication Box
- Encrypted uplink & downlink

GCS Application Software

- Pre-flight self-checks
- Simultaneous real-time map tracking & video streaming
- In-flight UAV health monitoring
- Live flight parameters

