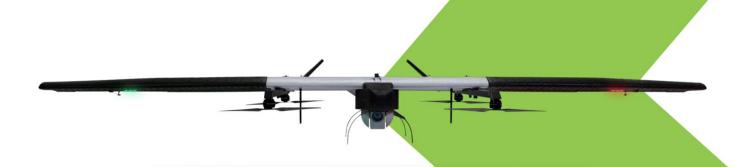
SWITCH UAV

All Terrain Dominator



Over 15 km* Up to 6.5 kg Over 120 min

Operational Range Take-off Weight

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

Get In Touch

business@ideaforge.co.in +91 91520 30613 www.ideaforge.co.in





Specifications

Endurance

>120 minutes at MSL (Mean Sea Level)

Range (LoS)

>15 km*

Weight

<6.5 kg

Wind Resistance

40 km/

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, 10x 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



Mumbai (HQ)

EL-146 TTC Industrial Area, Electronic Zone, MIDC Mahape, Navi Mumbai – 400 710 Maharashtra, India

Phone: 022 2767 0707

Get in Touch

business@ideaforge.co.in +91 91520 30613 www.ideaforge.co.in