

# SWITCH UAV

## All Terrain Dominator

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



ideaforgetech.com

Over  
**15 km**  
Operational Range

Up to  
**7 kg**  
Take-off Weight

Over  
**120 min**  
Flight Time

### Applications



#### Defence

Secure your borders with best-in-class ISR UAVs from ideaForge



#### Public Safety

Prevent, control and solve crimes with ideaForge's state-of-the-art UAVs



#### Day & Night Vigilance

Conduct all-round day & night aerial operations with ideaForge UAVs to gather situational awareness



#### Utility

ideaForge UAVs for automated monitoring and linear asset inspection



#### Disaster

Get quick disaster assessment and make planned rescue operations

### Get in Touch

business@ideaforgetech.com

+91 91520 30613

www.ideaforgetech.com



Contact us on  
WhatsApp



# SWITCH UAV

## Specifications

### Endurance

120 minutes at (Up to 1000 m (3280 ft) AMSL Take-off)  
(Above Mean Sea Level)

### Range (LoS)

>15 km

### Weight

<7 kg

### Wind Resistance

Take-off/Landing: Up to 30 kmph  
In-flight: Up to 45 kmph

### Ingress Protection

IP54 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

Length: <1.8m, Wing span: <2.6m  
Height: < 0.4 m

## Compatible Payloads/ Camera Options

### HD Daylight Payload

1280 x 720 pixels, 25x Optical Zoom

### Thermal Payload

640 x 480 pixels



## BlueFire Touch Ground Control Software



**Advanced Mission Replay**  
with freehand annotations



**Supports**  
Custom Maps



**Patented Split Screen**  
Video / Map view



**Built-in Electronic**  
Image Stabilization



**Easy & Intuitive**  
User Interface



**Patented Advanced**  
Pilot Assistance Systems

## Ground Control Station



**Terrain Avoidance**  
to keep your SWITCH  
UAV safe



**Waypoint-based**  
navigation for ease  
of flying



**Capability to Integrate**  
with User-Provided Maps



**Fail-safe Features**  
for Communication Loss,  
Low Battery

### Get in Touch

business@ideaforgetech.com

+91 91520 30613

www.ideaforgetech.com



Contact us on  
WhatsApp