# NINJA UAV

**Lightweight Scout** 



Over 2 km\*
Operational Range

Up to 2 kg
Take-off Weight

**20-25** min

Flight Time

Lightweight & Economical micro UAV built for mapping & surveillance

## **Applications**



Day & Night Surveillance



Crowd Management



Mapping



Traffic Management



Asset Inspection



Campus Security

#### **Get In Touch**

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





# NINJA UAV





Endurance

20-25 minutes at MSL (Mean Sea Level)

Range (LoS)

<2 km\*

Weight

<2 kg

Wind Resistance

36 km/h (~20 knots)

Operating Altitude

200 m AGL\*\* (Above Ground Level)

Max Launch Altitude

3000 m AMSL (Above Mean Sea Level)

Vehicle Size

<80 cm x 80 cm

**Next Generation Smart Battery** 

**Built-in Battery Health Monitoring** 

#### **Compatible Payloads/Camera Options**

**HD Daylight Payload** 

1280 x 720 pixels, 3x Optical Zoom

Thermal Payload

320 x 240 pixels

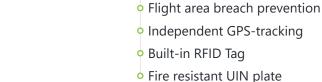
**HD** Imaging Payload

15+ MP

## Mumbai (HQ)

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

Phone: 022 2767 0707



### **Fail Safe Features**

DGCA ComplianceNPNT compliant autopilot

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

# Ground Control Station (GCS) Features

- 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
- Compatible with Laptop/Tablet
- Compatible with handheld controller for pan, tilt, zoom

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- \* Unobstructed and interference free environment, Operations restricted to visual line of sight
- \*\* Operations restricted according to DGCA up to 60 m AGL