

# 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

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# NINJA UAV

## Specifications

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**



## DGCA Compliance

- NPNT compliant autopilot
- Flight area breach prevention
- Independent GPS-tracking
- Built-in RFID Tag
- Fire resistant UIN plate

## 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

- 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

## Mumbai (HQ)

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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