

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



NINJA UAV

Specifications

Endurance

20-25 minutes at MSL (Mean Sea Level)

Range (LoS)

<2 km*

Weight

<2 kg

Wind Resistance

36 km/h (19.4 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 (Optional)

HD Daylight Payload

1280 x 720 pixels, 3x Optical Zoom

Thermal Payload

320 x 240, 640 x 480 pixels

HD Imaging Payload

15+ MP



DGCA Compliance

- 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