

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

NINJA

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