

NETRA

Pro UAV

Versatile Workhorse



Over 4 km*
Operational Range

Up to 6 kg
Take-off Weight

Over 30 min
Flight Time

Rugged and Heavy Lift Multirotor With
Redundancy for All Your Applications

Applications



Disaster
Management



Supply Drops



Precision
Agriculture



Mapping



Safety Critical
Operation



Inspection

NETRA PRO UAV

Specifications

Endurance

>30 minutes with 500 g payload

Range (LoS)

>4 km*

Weight

<6 kg with max payload

Wind Resistance

36 km/h (~20 knots)

Ingress Protection

IP53 Rated for Dust & Water Resistance

Operating Altitude

400 m AGL (Above Ground Level)

Max Launch Altitude

Up to 3000 m AMSL (Above Mean Sea Level)

Vehicle Size

<1 m x 1 m

Compatible Payloads/Camera Options

HD Daylight Payload

1280 x 720 pixels, 10x Optical Zoom

HD Imaging Payload

15+ MP

Thermal Payload (Black/White hot)

320 x 240, 640 x 480 pixels

Thermal Payload (Radiometric)

640 x 480 pixels

Specialised Payload with Drop Release System

Up to 2 kg for 10 minutes

LIDAR

Multispectral Payload

RGB/Thermal Dual Payload

Customisable Payload



Fail Safe Features

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

Ground Control Station (GCS) Features

- Laptop/Tablet
- Handheld controller for pan, tilt, zoom
- 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

