

# NETRA

# **V** Series UAV

**Endurance Champion**



**Over 5 km\***  
Operational Range

**Up to 6 kg**  
Take-off Weight

**Over 60 min**  
Flight Time

Global Class Leading Flight Time With IP53 Certification  
and HD Transmission From a Large Distance Used in  
Mission Critical Applications

## Applications



Search & Rescue  
Operations



Security &  
Surveillance



Stealth  
Operation



ISR  
Operation



Day & Night  
Vigilance



Crowd & Traffic  
Management

## Get In Touch

[business@ideaforge.co.in](mailto:business@ideaforge.co.in)

+91 91520 30613

[www.ideaforge.co.in](http://www.ideaforge.co.in)

# NETRA V SERIES UAV

## Specifications

Endurance

**> 60 minutes at MSL** (Mean Sea Level)

Range (LoS)

**> 5 km\***

Weight

**< 6 kg**

Wind Resistance

**36 km/h (~20 knots)**

Ingress Protection

**IP53 Rated for Dust & Water Resistance**

Operating Altitude

**500 m AGL** (Above Ground Level)

Max Launch Altitude

**3000 m AMSL** (Above Mean Sea Level)

Vehicle Size

**< 1.5 m x 1.5 m**

## Compatible Payloads/Camera Options

HD Daylight Payload

**1280 x 720 pixels, 10x Optical Zoom**

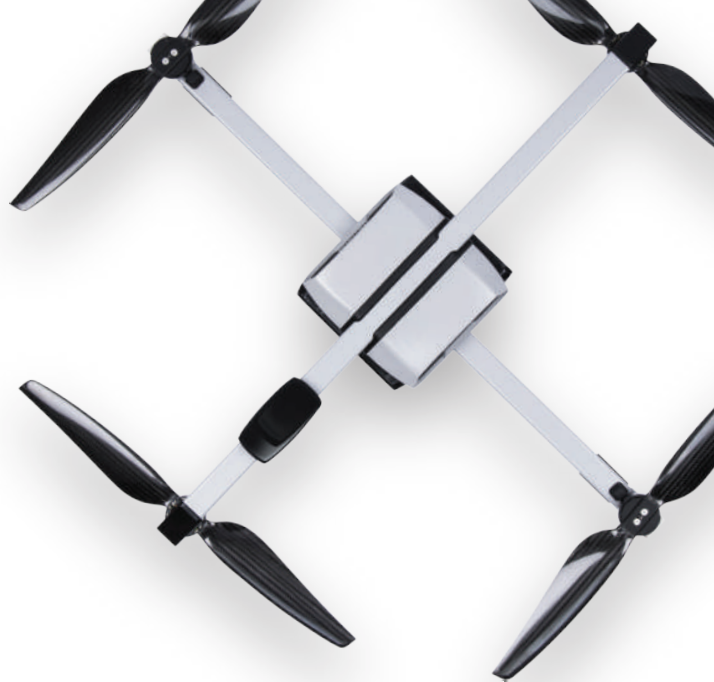
Thermal Payload (Black/White hot)

**320 x 240, 640 x 480 pixels**

Thermal Payload (Radiometric)

**640 x 480 pixels**

Photogrammetry Payload



## 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

- 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



## Mumbai (HQ)

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

Phone: 022 2767 0707

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