

# 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

# 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

