

NETRA V4 UAV

Versatile Workhorse

Rugged & versatile quadcopter built for delivering success in a wide range of mission critical applications



Over
5 km*
Operational Range

Up to
6 kg
Take-off Weight

Over
60 min
Flight Time

Applications



Public Safety

Prevent, control and solve crimes with ideaForge's state-of-the-art drones



Defence

Secure your borders with best-in-class ISR UAVs from ideaForge



Mapping

ideaForge drones deliver precision aerial mapping surveys across short or long corridor areas.



Utility

ideaForge drones for automated monitoring and linear asset inspection



Disaster

Get quick disaster assessment and make planned rescue operations

Get in Touch

business@ideaforge.co.in

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www.ideaforgetech.com



Contact us on
WhatsApp





NETRA V4 UAV

Specifications

Endurance

60 minutes with either payload (up to 1000 m (3280 ft) AMSL Take-Off)
30 minutes with Day payload at 6000 m (19685 ft) AMSL Take-Off
(Above Mean Sea Level)

Range (LoS)

>5 km*

Weight

<6 kg

Wind Resistance

36 km/h

Ingress Protection

IP53 Rated for Dust & Water Resistance

Operating Altitude

500 m AGL (Above Ground Level)

Max Launch Altitude

6000 m AMSL (Above Mean Sea Level)

Speed

10 m/s

Vehicle Size

<1.5m x 1.5m

Compatible Payloads/ Camera Options

HD Daylight Payload

1280 x 720 pixels, 10x Optical Zoom

Thermal Payload

640 x 480 pixels, 320 x 240 pixels

Mapping Payload

20 Megapixel Photogrammetry Payload



BlueFire Touch Ground Control Software



Advanced Mission Replay
with freehand annotations



Supports
Custom Maps



Patented Split Screen
Video / Map view



Built-in Electronic
Image Stabilization



Easy & Intuitive
User Interface



Patented Advanced
Pilot Assistance Systems

Ground Control Station



Terrain Avoidance
to keep your SWITCH
UAV safe



Waypoint-based
navigation for ease of
flying



Capability to Integrate
with User-Provided Maps



Fail-safe Features
for Communication Loss,
Low Battery

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