

INDRONES

Sigma 55 Drone



Features:

Design - Designed with the Latest DGCA Regulations in mind to keep the AUW under 2kg and classify under Micro Drone Category. A perfect platform to achieve upto 30min flight time with the payload of your choice

Frame - Tried and Tested Modular Carbon Composite Frame designed for Long life without wear and tear.

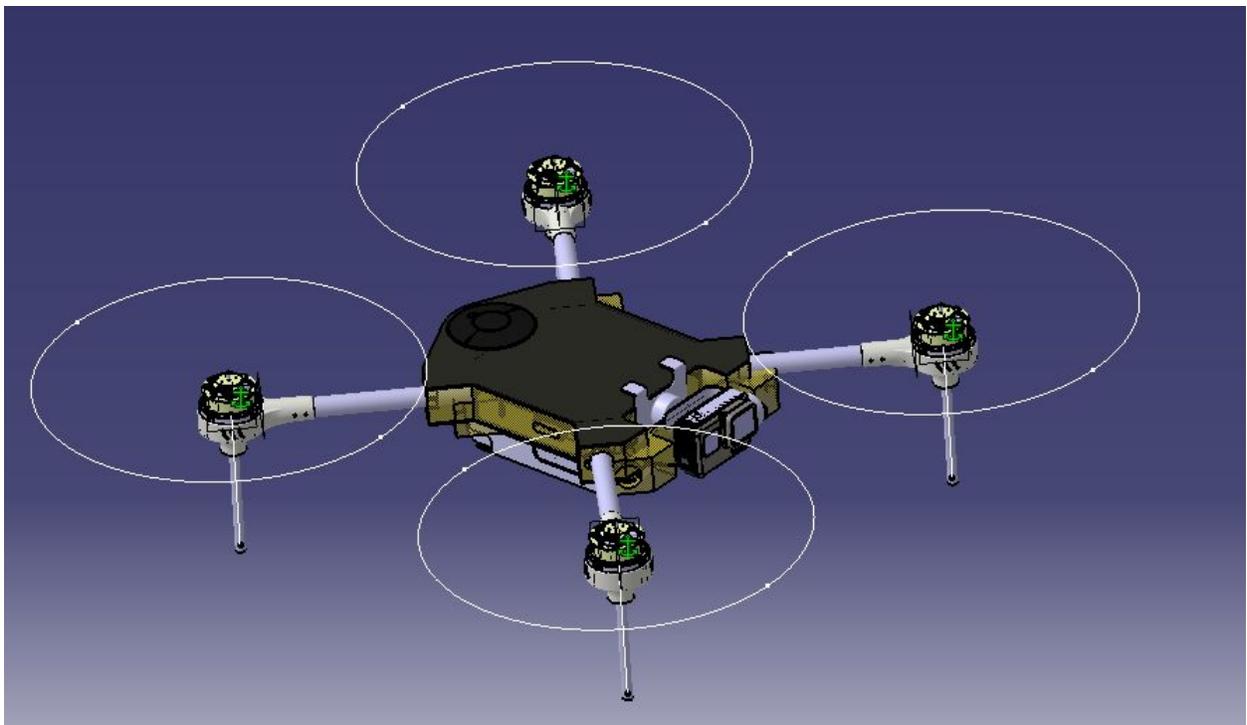
Autopilot - The Drone is powered by Ardupilot - Most advanced Open Source Drone Project

Motor - High Efficiency Motors for silent operations.

Smart Battery - Advanced Li Ion Battery to delivers the Maximum Flight time.

Payload - Gopro, Thermal and even small cameras upto 300g

Landing Gear - Simple Landing gears for Easy replacement



Payloads:

Survey- RGB, Thermal, Multispectral

Day Surveillance- HD Zoom Camera

Night Surveillance- Thermal / Night Vision

Technical Specifications:

Name of the Drone	Sigma 55
Endurance	30 min
Range	2 km LOS
Material	Carbon Composite
MTOW	2 KG
Payload Capacity	0.3 Kg
Cruise Speed	10 m/s (36km/h)
Launch	VTOL
Recovery	VTOL
Ceiling	2000m
Dimensions	560*560*250mm

Applications:

- GIS Mapping.
- Surveillance and Reconnaissance
- Disaster Management
- Urban Policing & Crowd Management
- Utility / Infrastructure Inspection
- Crop Survey & Monitoring
- Large Area monitoring of Mines / Land
- Construction / Project Monitoring
- Industrial Perimeter Survey

Unique Features of Sigma 55:

Make in India - Sigma 55 is Designed and Manufactured in India by Indrones from ground up with specific focus to our environments and ever changing need. It is a perfect aerial tool to work right out of the box.

Open Source - Highly scalable Product making use of Open Source Softwares which can be used for host of applications supported by a great open source development team.

Complete Control - There is no limitation on what can be achieved with the Drone for any Industrial Application however we have been focussing only on the commercial applications including surveying, mapping, inspections, etc.

Prompt Service - We understand that the drone should be always in the Air, hence we try to ensure (offer a turn around time of 7 working days) you to put back your Drone back in the Air within a week in case of an issue.

Tried and Tested - Highest performance in its class. Being designed for the specific environment we are committed to the quality of the product and its performance in all the possible scenarios.

About Us:

Indrones is one of the leading end to end Drones Solutions Company based in Mumbai who has been known from is commercial Drones and services. Having worked with the number of reputed government and private companies, Indrones strives for quality products and timely service. We manufacture of long endurance drones for Mapping, Surveying, Surveillance, etc.