

INDRONES

Sigma 75 Drone



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 has gained expertise in Commercial Drone Solutions. We strive for quality products and timely service with indigenously manufactured Drones for Surveying, Security and Mapping.

Features:

Design - Designed with Tropical Environmental Conditions in Mind to survive humid and high temperature environments

Frame - 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 - Most comprehensive list of Payload with Hot Swap Option

Landing Gear - Collapsible Landing Gears



Basic Specifications:

Name of the Drone	Sigma 75
Endurance	50 min
Range	4 km LOS
Material	Carbon Composite
MTOW	4.8 Kg
Payload Capacity	0.8 Kg
Cruise Speed	11 m/s
Maximum Speed	20m/s

Launch & Recovery	VTOL
Ceiling	3000m
Dimensions	750*750*300mm

Applications:

- GIS Mapping
- Perimeter Survey
- Surveillance and Reconnaissance
- Volumetric Estimation
- 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 75:

Make in India - Sigma 75 is Designed and Manufactured in India 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. Having flown the Sigma 75 from dense vegetation and sea level of Kerala to high altitude and low temperatures of Kashmir making sure it works in all possible scenarios.