

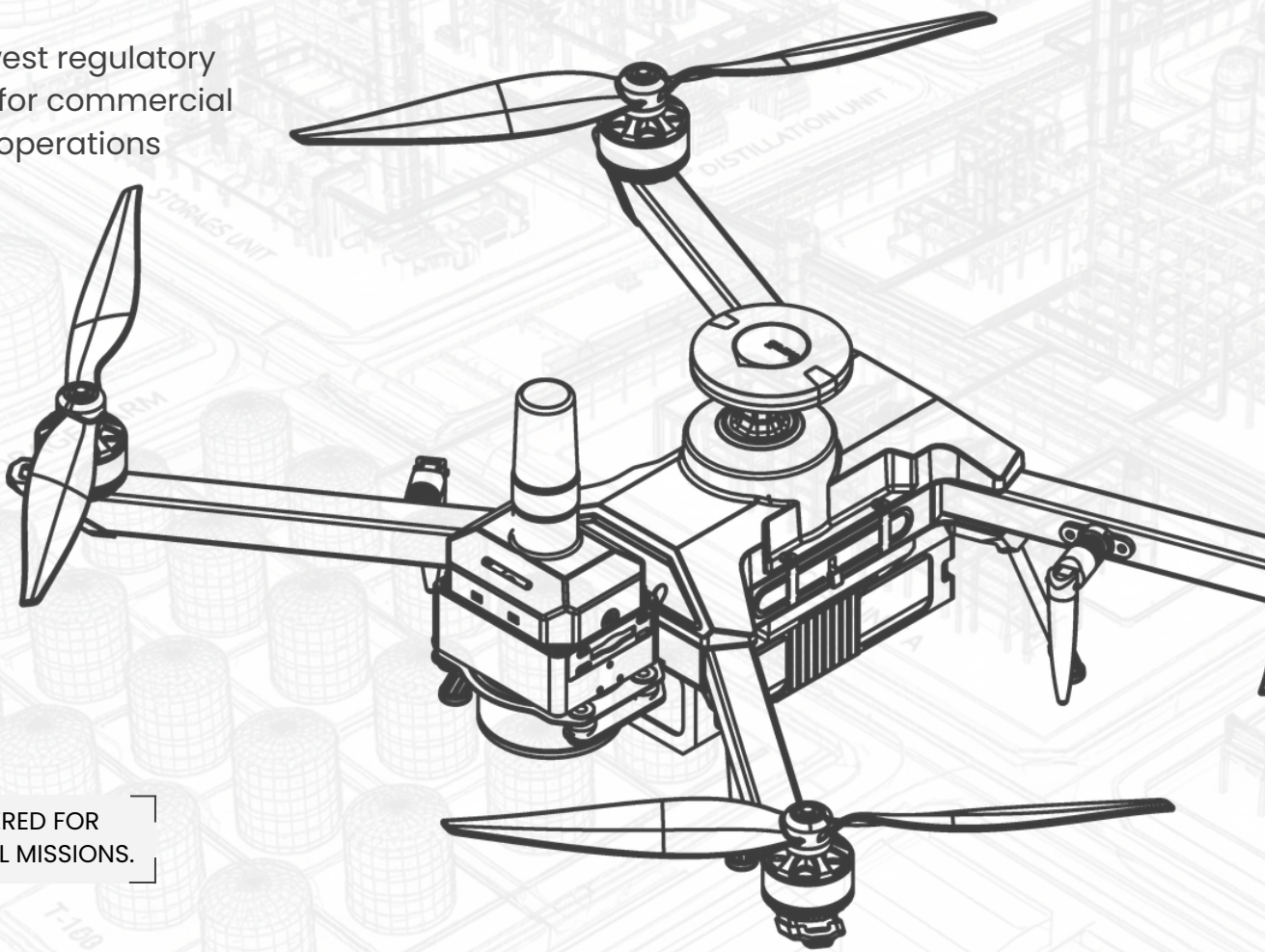
indrones
#RapidGroundTruthing

BUILT IN INDIA.
READY FOR THE WORLD.

SIGMA25G

DGCA TYPE-CERTIFIED SURVEY & MAPPING DRONE

The lowest regulatory
barrier for commercial
survey operations



ENGINEERED FOR
CRITICAL MISSIONS.



UNDER
2.43 Kg



SMALL
CATEGORY



MULTI-PAYLOAD
READY



WHY IT MATTERS



Regulation



Portability



Mission Readiness



No Prior Permission

OPERATIONAL FREEDOM, WITHOUT COMPROMISE

With DGCA type certification, SIGMA25G reduces deployment friction for survey teams and operators. Its sub-2.43 kg class makes it suited for fast mobilization, simpler field handling, and broad mission utility.

TYPE CERTIFIED: T09250000014/00

KEY SPECIFICATIONS

DESIGNED FOR SURVEY PRECISION



Weight: <2.43 kg

Ultra-light design for fast deployment and easy field handling



Category: SMALL

Least restrictive DGCA category, easing approvals and operational flexibility



Endurance: 29 min 37 sec

Sufficient flight time to cover large survey areas in one sortie



Range: 2km

Extended range for linear and dispersed infrastructure with stable control



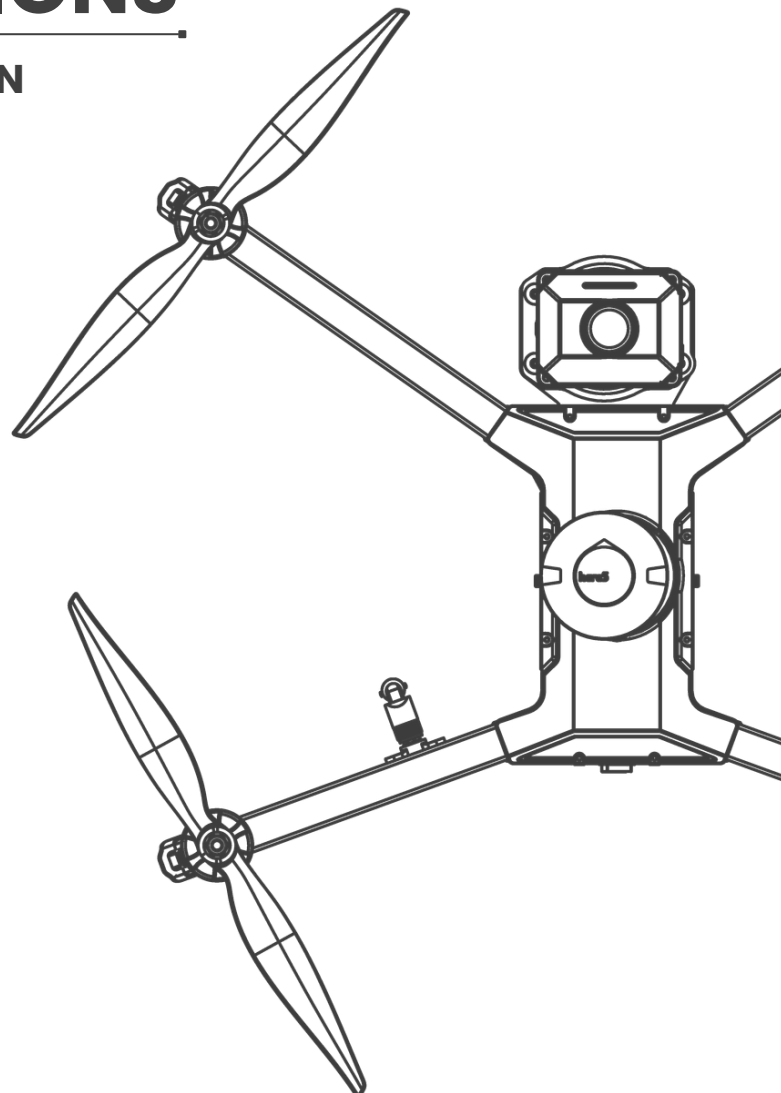
Battery: 12600 mAh Li-ion

High-capacity swap-ready battery for sustained survey missions



Payloads: 3 options

Photo for large scale mapping mapping, multispectral for NDVI data

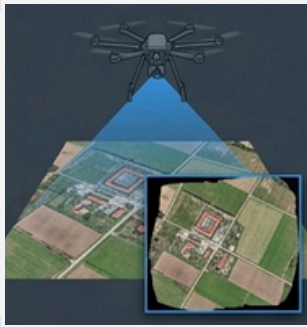




PAYLOAD VERSATILITY

ONE PLATFORM. THREE MISSION MODES.

Photo Mapping



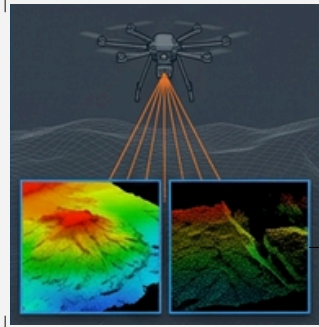
Rapid area capture for mapping and inspection

Oblique Capture



Detailed context for structures, corridors, and built assets

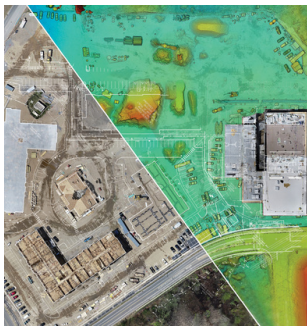
LiDAR-BASED Surveying



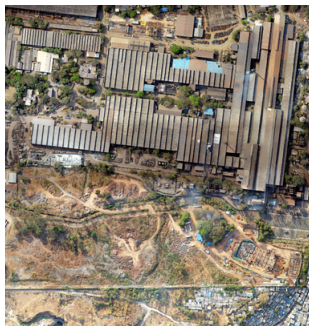
Terrain and structure intelligence for complex environments

MISSION PROFILES

BUILT FOR FIELD-CRITICAL SURVEY WORK



LAND REVENUE SURVEYS



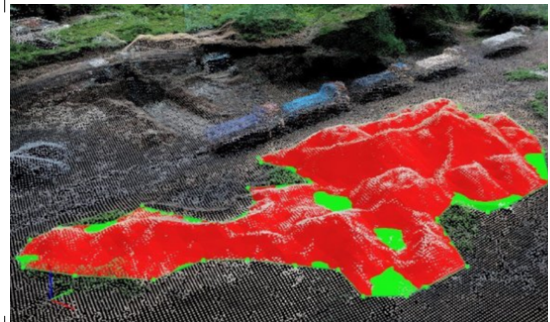
INFRASTRUCTURE AS-BUILT



DISASTER ASSESSMENT



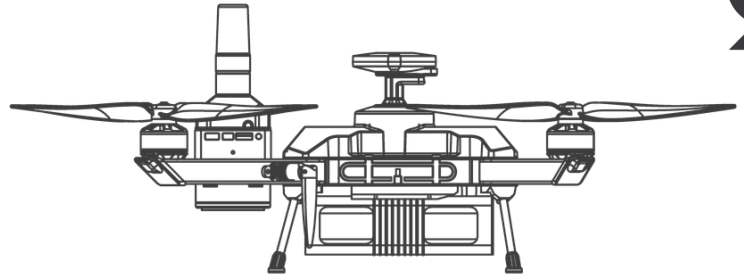
SMART CITY MAPPING



MINING VOLUMETRICS



SIGMA25G

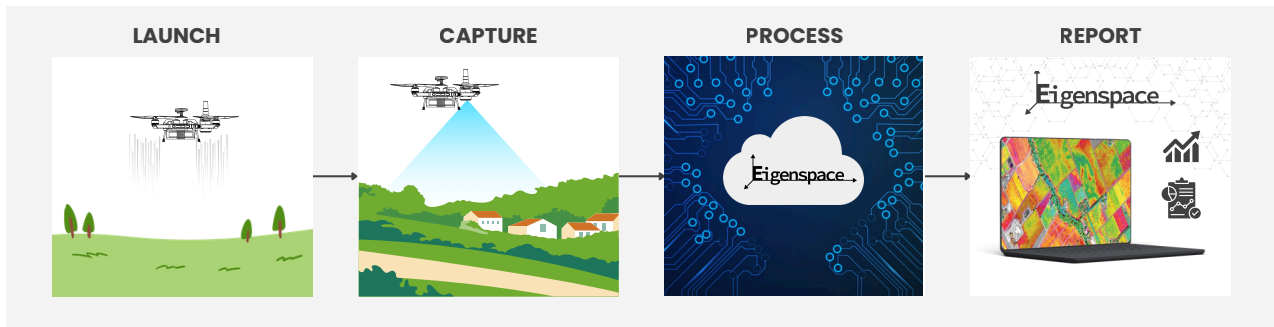


The Sigma25G is a powerful small class drones with a Take Off weight of under 2.43 kg, delivering superior performance and low energy consumption. Their commercial grade capabilities are enhanced by a sleek, rugged carbon fibre body and durable hardware, distinguishing them from competitors.

TECHNICAL DATA SHEET

UAV Specifications	Value
Operating Altitude	400 ft AGL
Cruise Speed	12 m/s
Maximum Take-off Weight	2.43 kg
Battery	12600 mAh
Maximum RPM	11760 RPM
Dimensions	475 x 690 x 231 (mm)
Flight Time	29 Minutes 37 Seconds
IP Rating	IP 53
Wind Resistance	Up to 12 m/s
Operational Conditions	
Temperature	10°C to 45°C
Flight Range	2 Km
Compatible Payloads	
	Precision - ADTI with PPK.
	Surveyor - ADTI without PPK.
	Precision Lite - ZVI with PPK.
	Surveyor Lite - ZVI without PPK.
	AgriSense - Micasense Rededge-P.
	Trainer - Training payload, for internal training purpose only.

OPERATOR VALUE



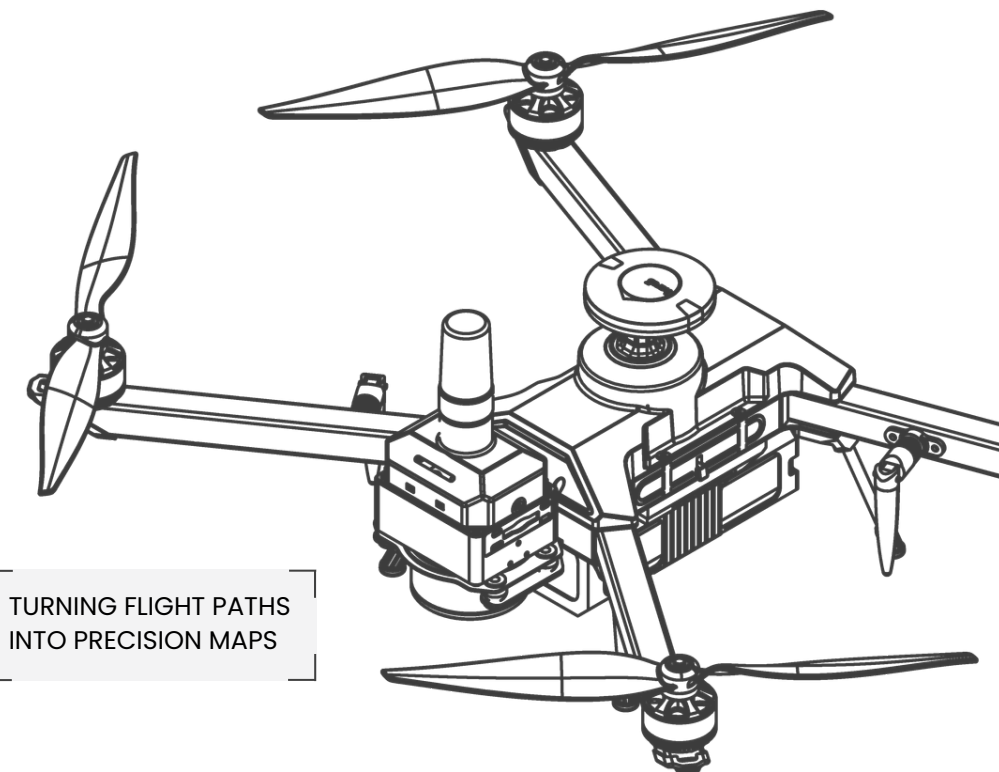
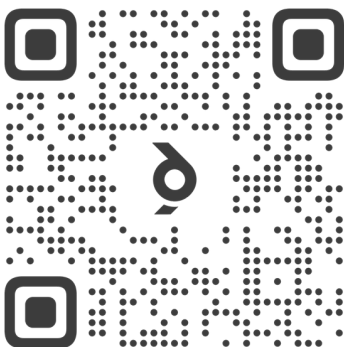
MADE FOR TECHNICAL TEAMS AND PUBLIC WORKFLOWS

SIGMA 25G supports professionals who need reliable capture, easy field deployment, and confident compliance. It is especially relevant where repeatable data collection and low operational friction matter most

SURVEY-GRADE INTELLIGENCE, DEPLOYMENT-READY.

TYPE-CERTIFIED FOR
MISSION-READY OPS

Indrones SIGMA 25G brings certification, portability, and mission flexibility into one compact platform



TURNING FLIGHT PATHS
INTO PRECISION MAPS

REQUEST A DEMO

TALK TO APPLICATIONS TEAM

EXPLORE PAYLOAD OPTIONS