SATLAB GEOSOLUTIONS

SLL3

Aerial Drone

Building the Future with

Accuracy
& Precision

Designed and Engineered in Sweden

SLL3 Aerial Drone

The Satlab SLL3 provides a complete UAV solution for construction, mapping and surveying.

- *Swift and fast initialization time within 5 minutes*
- *Beaufort scale level 5 wind speed operations*
- *Set the home point for the drone to land with precision*
- *Automatic retraction of legs after take off*
- *Free from line of sight for phototaking*

Data Specifications

PHYSICAL PROPERTIES

Dimensions	1620mm x 1410mm x 500mm
Min. Take-off Height	1500mm
Weight	2kg
Weight with Accessories	5kg

FLIGHT PERFORMANCE

Flight Time	> 50 mins
Speed	5m/s - 12m/s
Max. Payload	5kg
Max. Flight Weight	15kg
Highest Altitude	5000m
Max. Cross-wing Tolerance	13m/s
Flight Control	Full autonomous take-off and landing
Landing Gear Base	1500m
Max. Wind Resistance	12.5m/s
PPK Accuracy	Hz: 10mm V: 15mm

CAMERA CONFIGURATION

Camera	Sony RX1R2
Lens	35mm f/2.0
Photo Taking Interval	1.2s
Angle of View	Single: 0°, Dual: 30° - 45°
Exposure	2.5
Data Accuracy	≥ 1cm
Shots Per Time	Single: 1 frame, Dual: 6 frames
Resolution	42,400,000 pixels Full HD

GENERAL PROPERTIES

Transmission Distance	>5km
Motor	Brushless Motor
Propeller Arm	Quick-assembly Connector
Propeller	Full carbon-fibre
Operating Temperature	-10°C to 45°C
Battery	6S 21000 mAH x 2

SATLAB GEOSOLUTIONS

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