



GS-100C

UAV LiDAR Scanning System
with RGB Camera



100C



190m @10% Reflectivity

Measuring Range

70°

Scan FOV

≥720,000 Points/Sec

Data

5cm

Position Accuracy

IP67

Protection class

24MP

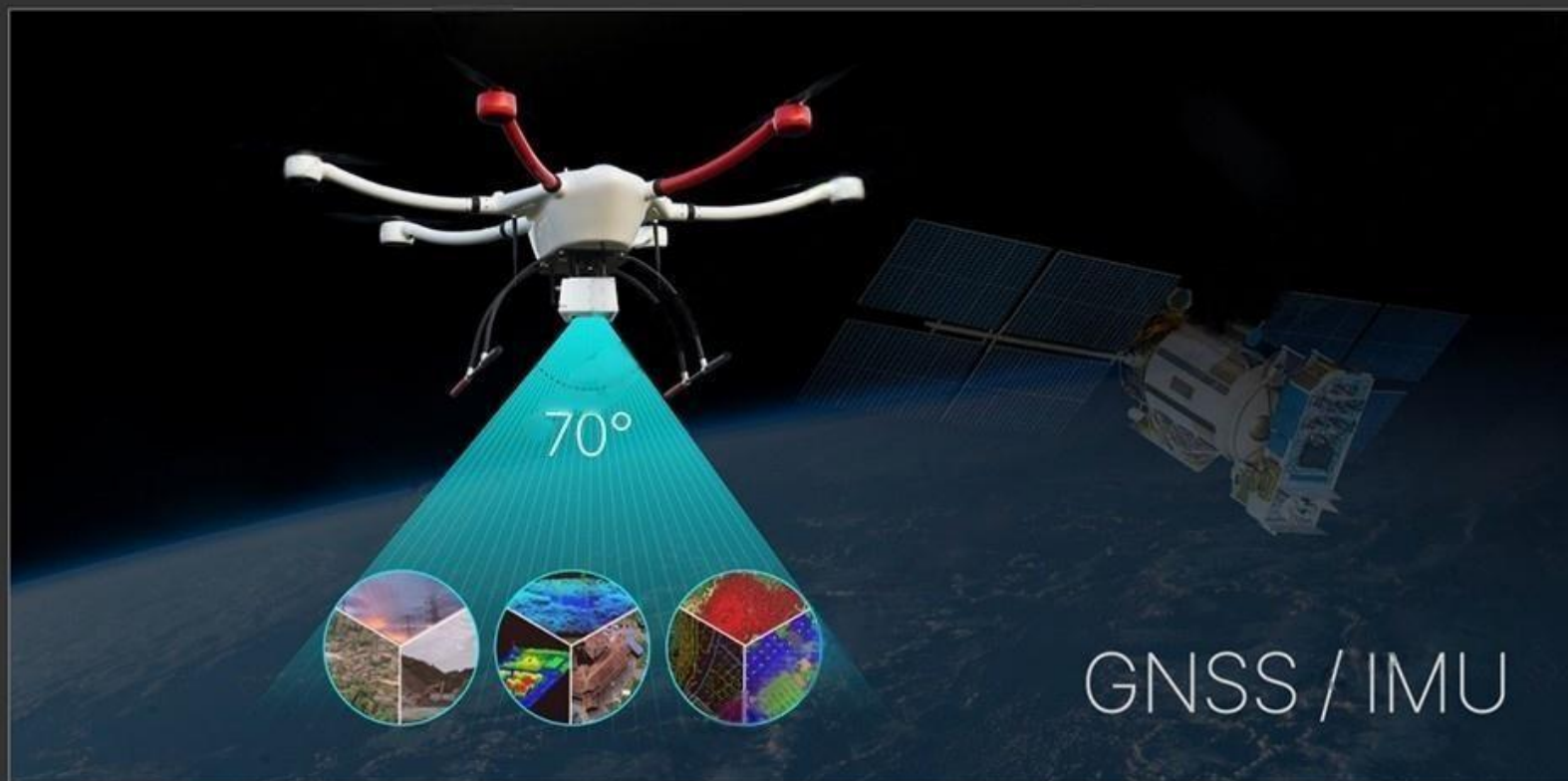
RGB Camera

1050g

Weight

GNSS / IMU inertial navigation system

Built-in GNSS / IMU inertial navigation system which can provide high-precision point cloud POS data, generate accurate 3D space models under the condition of consistent absolute measurement point.





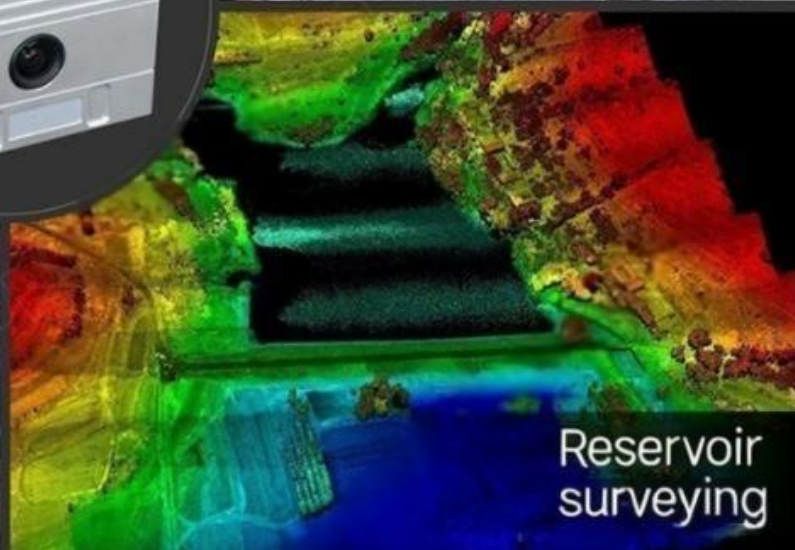
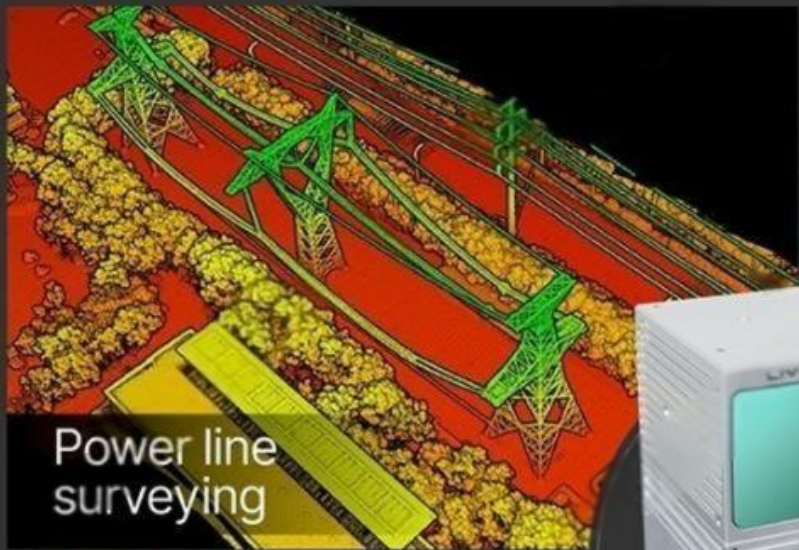
• Lidar scanner

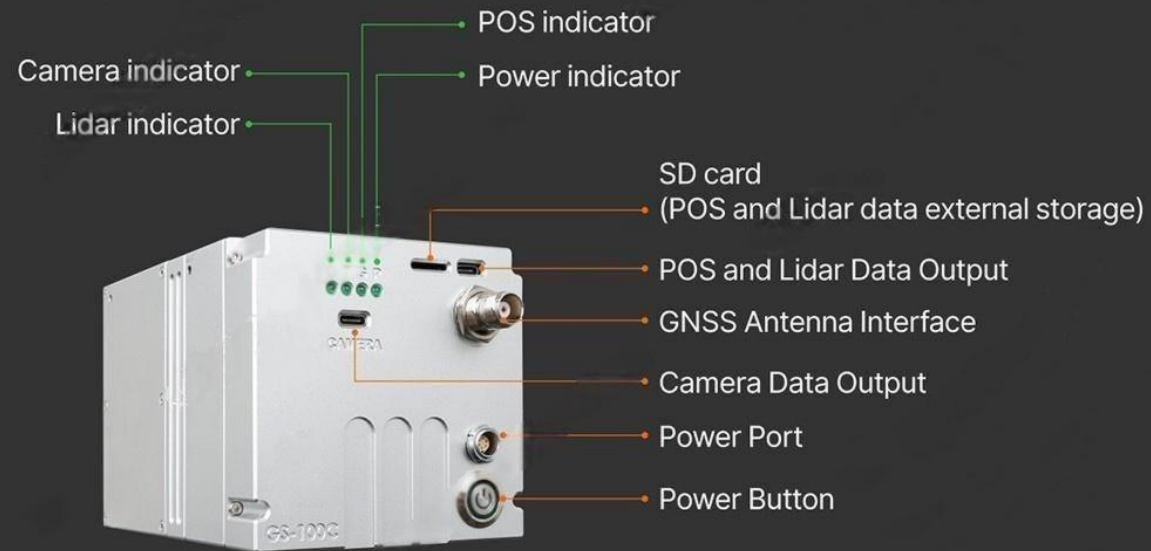
- Scanning range Max 450m@80% reflectivity, 190m@10% reflectivity
- Support Triple echo
- Point Rate: 720,000 Points/Sec
- Scan angle 70°
- Support Repetitive and Non-repetitive scanning

• Ortho camera

- Sony A6000 RGB Camera
- 24MP, 15mm lens
- FOV 70°

Application





Operation Efficiency Table

Flight Altitude (m)	Accuracy	Single Flight Operation(km ²)
50	≤ 5cm	0.88
70	≤ 7cm	1.28
110	≤ 10cm	1.92

Dimension





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