



Benefits and Features



3
Returns



1,920,000
Points per Second



1.1 kg
Weight



300m
Max. Range

GS-260 H

Middle Range LiDAR Solution

The GS-260H features a 300-meter range, weighs 1.1 kg, and provides 1,920,000 points per second with three returns. It includes a camera for synchronized point cloud and image capture, making it ideal for efficient data collection in mapping, inspections, forestry, and urban planning.



Topographic
Survey



Vegetation
Monitoring



Power Line
Patrol



Mine Survey



Construction
Project



Smart City
Construction



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GS-260 H

Technical Specification



System Parameters

General System Performance

Absolute Accuracy	10cm@150m	Point Cloud Density	50pts/m ³ @150m@10m/s
Weight	1.1kg	Data Storage	64GB Max support 128GB TF card
Dimension	14.4 x 10.9 x 12 cm	Power Consumption	20W
Voltage	12V - 24V	Operating Temperature	-20° - +55°
Carrying Platform	Multi-Rotor/VTOL/Vehicle		

POS Performance

Model	gSpin 210	IMU Update Rate	200 Hz
Position Accuracy	≤0.05m	Pitch Accuracy	0.015°
Roll Accuracy	0.015°	Heading Accuracy	0.040°
GNSS System	GPS L1/L2/L5; GLONASS L1/L2; GALILEO E1/E5a/E5b; BDS B1c/B1/B2/B2a/B2b/B3		

Laser Scanner Performance

Measuring Range	Max. 300m	Range Accuracy	0.5cm
Laser Line Number	32	Field of View (FOV)	360°/40.3°
Data	Triple echo 1920,000 Points/Sec		

Camera Performance

Resolution	26MP	Focal Length	16mm
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Software

Point Cloud Automata	World-leading point cloud classification and post processing software
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