

LS-2 Sweeping Laser Survey System

The sweeping laser survey system from Sensible Machines provides a reliable way of surveying an area and producing a 3-D map of any surface.

The system includes a Sick LMS1xx laser range finder that scans horizontally and is swept vertically. The sweeping laser system provides the raw 3 dimensional point cloud data for independent processing. This data can then be used to build a 3 dimensional model of any area. This can be useful in surveying or mapping applications.



Specifications

Range	LMS100/111/122/123	0.5 m – 20 m
	LMS 151	0.5 m – 50 m
Horizontal Angular Resolution	0.5 degrees	
Horizontal Angular Range	Maximum 270 degrees	
Range Measurement Systematic Error	Typ. 30mm Maximum 40 mm	
Range Measurement Statistical Error	Typical 12 mm Maximum 20 mm	
Power	12W	
Horizontal Scan Rate	50Hz	
Vertical Scan Rate	1Hz	
Vertical Angular Resolution	0.08 degrees	
Vertical Angular Range	+/- 70 degrees	

Ordering Information

Part Number SMSW-000000-A

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