

SF45/B

The SF45/B is a small, lightweight scanning microLiDAR™ sensor. Ideal for obstacle detection by small autonomous vehicles, the horizontal field of view is adjustable to 320 degrees - to suit the application.



Key features

Weight:	57.94 g 2.04 oz	Update rate:	Up to 5 000 readings per second and 5 sweeps per second
Size:	51 mm x 48 mm x 44 mm 2 in x 1.9 in x 1.7 in	IP rating:	Unit is IP42
Range:	0.2 ... 50 m 0.6 ... 164 ft	Integrates with:	PX4, ArduPilot, ROS, Arduino, Raspberry Pi and LightWare Studio
Beam type:	Single beam, 320 degree oscillating	Interfaces:	USB and Serial (3.3 V TTL, 5V tolerant)

Applications



Detect & avoid



SLAM

What is in the box?

