

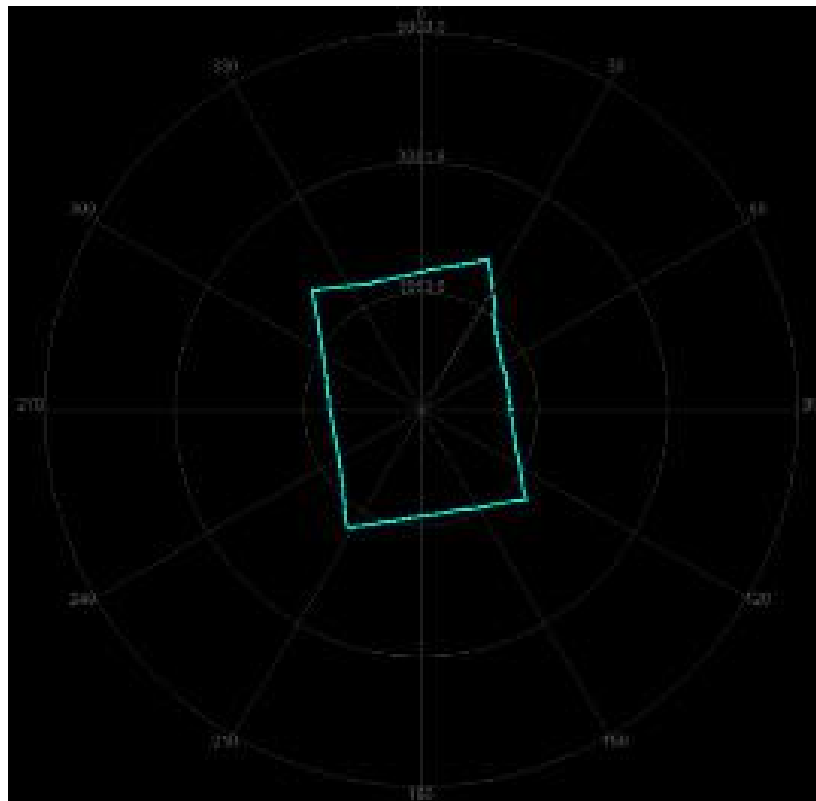
## LS01B 360° Triangle LiDAR



### Abstract

LS01B is a 2D LiDAR, providing a reliable 360° surrounding perception for indoor robots. Adopting triangulation principle, LS01B is a cost-effective sensor with multiple good performance, like max light intensity up to 20,000lux, compact structure, low power consumption, durable, etc.

### Demo



## Parameters

Model	LS01B
Range	8m/16m
Accuracy	Distance $\leq$ 1m: accuracy < 10mm; Distance > 1m : accuracy < 1% of distance
FOV	360°
Rotation Rate	10Hz
Data Points Generated	14,400 pts/s
Resolution	0.25°
Illumination Intensity	20000 lux
Operating Voltage	5V
Communication Interface	UART
Weight	180g
Dimension (D·H)	$\phi$ 75.54*40.37mm