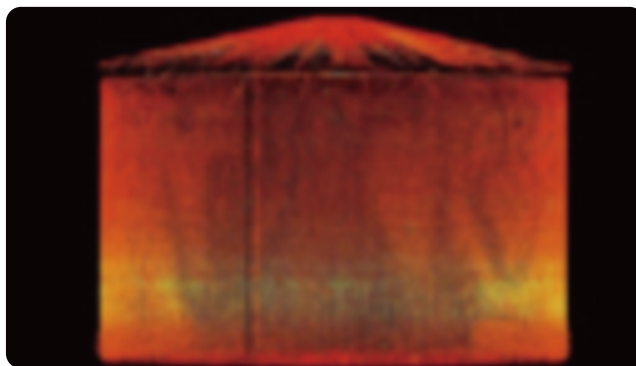


LS72B

Middle-Range Laser Distance Sensor

LS72B utilizes TOF measurement principle to perform distance detection at a fixed angle. It offers a detection accuracy of ± 3 cm and a maximum range of 150 meters. It is primarily used in applications requiring precise distance measurement and obstacle avoidance, such as flying cars, indoor service robots, AGVs, cleaning and disinfection robots, and drones.



Wavelength	905nm	Power Consumption	2W
Laser Class	Class I	Input Voltage	6~18 V
Detection Range	0.05~ 150 m (@10%)	Operating Temperature	-40°C~85°C
Range Precision	± 3 cm (1 σ)	Storage Temperature	-50°C~105°C
FPS	10 Hz~ 200 Hz (Adjustable)	IP Grade	IP67
Echo Frequency	Single / Dual Echo	Weight	≈ 230 g
Communication Interface	CAN / RS232	Dimensions (LxWxH)	70*70*30mm (Interface Excluded)