



TW-LS2L

Laser Sensor

01

APPEARANCE

Model : TW-LS2L



02

OVERVIEW

- With the DTOF (Direct Time-of-Flight) technology, TW-LS2L guarantees consistent ranging resolution. Even in longer distances, the resolution always stays the same.
- Also, DTOF allows TW-LS2L to detect almost ANY thing with different material types, whether it is a darker object, a highly reflective mirror, or even transparent glass.
- The ranging distance radius of TW-LS2L is up to 30 meters, which meets the high demand requirements of robotic navigation applications in commercial scenarios, such as hotels, restaurants, shopping malls, office buildings, etc,...

Recommended applications	indoor & outdoor
System Voltage	5VDC
System Current	500~600mA
Power Consumption	>2W
Output	UART Serial (3.3 voltage level)
Measuring Range	0.05~18m
Sampling Frequency	32K
Rotational Speed	10Hz
Communication Speed	1Mbps
Scan Field Flatness	±1.5°
Angular Range	360°
Ranging accuracy	30mm

TWT APPLIED TECHNOLOGY AND SERVICES PTE LTD

TWT reserves the right to change products' dimensions and specifications without notice
TWT APPLIED TECHNOLOGY AND SERVICES PTE LTD reserves the ultimate right to the interpretation of this catalogue.
ADDRESS : 68 SUNGEI KADUT LOOP # 06 - 01 NUTZ CENTER, SINGAPORE 729504
TEL : +65 6367 3272 FAX : +65 6367 0763

