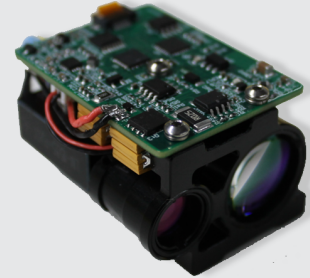


# LASER RANGEFINDER -1535nm

## Features :

- Small size and light weight
- Class I human eye safety standards
- Stable performance and easy to use
- Provide customization service
- Distance measurement for vehicle over 2.5 km
- Developed based on 1535nm Er:Glass laser

LSP-LRS-0210S-01



## Applications :

- Laser Ranging
- Targeting
- Photoelectric reconnaissance

## PARAMETERS

LSP-LRS-0210S-01

Wavelength	1535nm±5nm
Main function	" a. Single ranging and continuous ranging b. Range gate, forward and aft target indication c. self-checking function"
Operating range	"≥2500 m (Visibility >5km; objective: 2.3*2.3m; reflectivity > 30%; humidity ≤80%)"
Laser divergence angle	≤0.5 mrad
Continuous ranging frequency	1Hz-10 Hz(adjustable)
Ranging accuracy	±1 m
Accurate ranging ratio	≥98 %
Minimum range	≤20 m
Range resolution	≤30 m
Voltage supply	DC3-15V
Weight	≤70 g
Power consumption	"Average ≤1.5W;Peak ≤5W"
Dimension	≤55*42*35mm
Working temperature	-40 - +65°C
Storage temperature	-55 - +70 °C
Communication interface	TTL/RS422

## NOTE

1. Suitable for use in handheld devices.
2. The laser must be installed reliably when working.
3. Follow the LumiSpot operating instruction manual.
4. Distance measurement for human over 1.2 km
5. For other questions, please contact us.

