

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 4 km
- Developed based on 1535nm Er:Glass laser

LSP-LRS-0310



Applications :

- Laser Ranging
- Targeting
- Photoelectric reconnaissance

PARAMETERS

LSP-LRS-0310

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	"≥4000 m (Visibility >6km; objective: 2.3*2.3m; reflectivity >30%; humidity ≤80%)"
Laser divergence angle	≤0.5 mrad
Continuous ranging frequency	1Hz-10 Hz(adjustable)
Ranging accuracy	±2 m
Accurate ranging ratio	≥98 %
Minimum range	≤20 m
Range resolution	≤30 m
Voltage supply	DC 9-16V
Weight	≤80 g
Power consumption	"Average ≤1.5W;Peak ≤5W"
Dimension	≤68*45*36mm
Working temperature	-40 - +65℃
Storage temperature	-55 - +70 ℃
Communication interface	TTL/RS422

NOTE

1. The product meets Class I human eye safety standards.
2. The laser must be installed reliably when working.
3. Follow the LumiSpot operating instruction manual.
4. Distance measurement for human over 2 km
5. For other questions, please contact us.

