

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

LSP-LRS-0310S



Applications :

- Laser Ranging
- Targeting
- Photoelectric reconnaissance

PARAMETERS

LSP-LRS-0310S

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	"≥3000 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	DC 9-16V
Weight	≤55 g
Power consumption	"Average ≤1.5W;Peak ≤5W"
Dimension	≤ 52*26*42mm
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 1.5 km
5. For other questions, please contact us.

