

# LASER RANGEFINDER-905nm

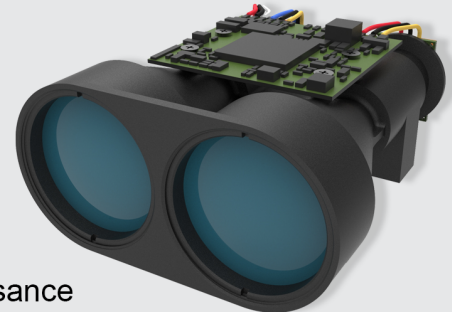
## Features :

- Small size and light weight
- Independent control of core devices
- Stable performance and easy to use
- Provide customization service
- Distance measurement for vehicle over 1km
- Developed based on 905nm semiconductor laser

## Applications :

- Laser Ranging
- Targeting
- Photoelectric reconnaissance

LSP-LRS-1000



## PARAMETERS

### LSP-LRS-1000

Wavelength	905nm±15nm
Optical aperture	28mm (Receiving aperture)
Angle of beam divergence	≤1 mrad
Target ranging capability	"≥1000m(Objective: 2.3m*2.3m; reflectivity > 30%; visibility > 6km) "
The nearest ranging distance	< 15m
Ranging accuracy	"15-100m: ±1, > 100m: ±(1+L*0.1%); L: Distance to object"
Frequency of ranging	≥2Hz
Ranging ratio	≥98%
Voltage	DC 3.3 V
Operating power consumption	<0.7W
Static power consumption	<0.3W
Interface level	TTL
Connector type	GD125-04
Connection serial port baud rate	19200
Layout dimension	<83mm*70mm*38mm
Barrel material	Metallic
Weight	< 100g
Location hole	3*φ2
Mounting hole	3*M3
Working temperature	-40 - +55°C
Storage temperature	-45 - +70°C

## 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. For other questions, please contact us.

