

High repetition rate laser range finder

SKU:LRF1064-1550-2



This high repetition rate laser rangefinder adopts advanced laser light source design technology, which can realize narrow pulse fundamental mode laser pulse output above 10kHz, and has good output stability, small structure size, low heat, and can work continuously.

The high-frequency rangefinder is very suitable for 3D scanning mapping, high-speed moving object tracking and other scenarios.

MAIN INDICATORS

Wavelength	1064nm & 1550nm
Beam divergence	0.5 mrad
Odometry	>2Km (atmospheric visibility>10Km)
Minimum range	<50m
Ranging accuracy	<± 0.5m
Display accuracy	0.1m _
False alarm rate	<2%
Ranging frequency	>1kHz
Cooling method	natural cooling
Powered by	24V DC
Volume	<220mmX150mmX80mm
Weight	<5Kg
Operating temperature	-35°C——50°C
Reliability test	3g vibration, 20g shock, rain
Installation method	The positioning card slot is installed on the bottom of the casing, and the parallelism with the optical axis is better than 0.01 degrees