

1535nm LASER RANGEFINDER

OVERVIEW

This product is a high-performance laser rangefinder module with key features including a safe 1535nm QSW DPSS laser, low energy consumption design, and compact form factor. Its extended lifespan and user-friendly maintenance and operation make it an excellent choice. This laser rangefinder module finds extensive applications across multiple fields, including construction, renovation, and real estate, enabling precise distance measurements in diverse scenarios.



TECHNICAL SPECIFICATIONS

Properties	Values	Remarks
Wavelength	1535nm	
Range capability	80m~10000m	2.3m×4.6m target
Accuracy	±2m	depending on distance
Repetition Frequency(RF)	1Hz~10Hz	
Accuracy Rate	98%	
Divergence	0.6mrad	
Receiving Aperture	48mm	customizable
Communications Interface	RS422	
Power supply voltage	9V~14V	optional 28V
Operating Power	4W	
Standby Power	1W	
Dimensions	92mm×72mm×55mm	customizable
Weight	190g	customizable
Operating Temperature	-40°C~+55°C	
Cooling method	natural cooling	