

1535nm LASER RANGEFINDER

OVERVIEW

This rangefinder module features a human-eye-safe 1535nm QSW DPSS laser, low energy consumption, compact design for limited spaces, and offers durability and reliability. It finds extensive applications in industrial distance measurement, construction surveying, forestry, military, and other fields, providing an excellent solution for high-quality ranging.



TECHNICAL SPECIFICATIONS

Properties	Values	Remarks
Wavelength	1535nm	
Range capability	80m~8000m	2.3mx2.3m target
Accuracy	±2m	±1m customizable
Repetition Frequency(RF)	1Hz ~ 10Hz	
Accuracy Rate	98%	
Divergence	0.5mrad	
Receiving Aperture	42mm	customizable
Communications Interface	RS422	
Power supply voltage	9V~14V	
Operating Power	3W	
Standby Power	1W	
Dimensions	88mm×65mm×46mm	customizable
Weight	145g	customizable
Operating Temperature	-40°C~+55°C	
Cooling method	Natural cooling	