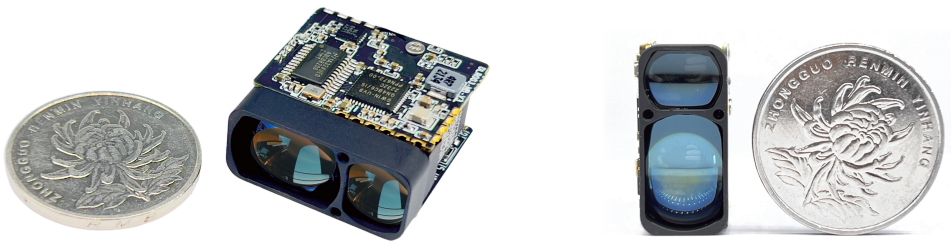


SR Series Eye-Safe Laser Rangefinding Module



Product Features

- Based on 905nm semiconductor laser, SWaP design, wide application range
- Standard data interface, easy for secondary development

Applications

- UAV, handheld laser rangefinder, multi-spectral telescope, scope



Remote Measuring



Class 1 Eye-Safe



Light Weight



UAV



Handheld Laser Rangefinder



Compact Size



Stable Performance



Multi-Pulse Rangefinding



Multi-Spectral Telescope



Scope

Model		SR200	SR600	SR1200	SR2000	
Basic	Laser Wavelength	905±5 nm				
	Eye-Safe Level	Class 1 (IEC 60825-1)			Class 3R (IEC 60825-1)	
	Laser Divergence Angle	~1×6mrad			~1×12mrad	
	Rangefinding Performance (For Buildings)	0.5~200m	5~600m	5~1200m	5~2000m	
	Distance Measuring Accuracy	±0.2m	±1m			
	Distance Measuring Frequency	0.5~45m, >100Hz; >45m, 50~100Hz	5~45m, 3Hz; >45m, 0.75~3Hz			
	Laser emission aperture	Φ10×7.5mm				
	Receiving Aperture	Φ15×10mm				
	Accuracy	≥98%				
	False Alarm Rate	≤1%				
Electrical	Communication Interface	UART (TTL_3.3V)				
	Baud Rate	9600/14400/19200/38400/57600/115200 (default)/128000/230400				
	Power Supply Mode	DC3-5V				
	Maximum Power Consumption	0.3w		0.9w	1.3w	
	Standby Power Consumption	≤1mW				
Physical	Weight	10±0.5g				
	Dimensions	<25×26×13mm				
	Shock	1200g, 1ms				
	Vibration	5~50~5Hz, 1 octave/min, 2.5g				
Environment	Operating Temperature	-40~+60°C				
	Storage Temperature	-40~+60°C				