



# WASP-200 LRF

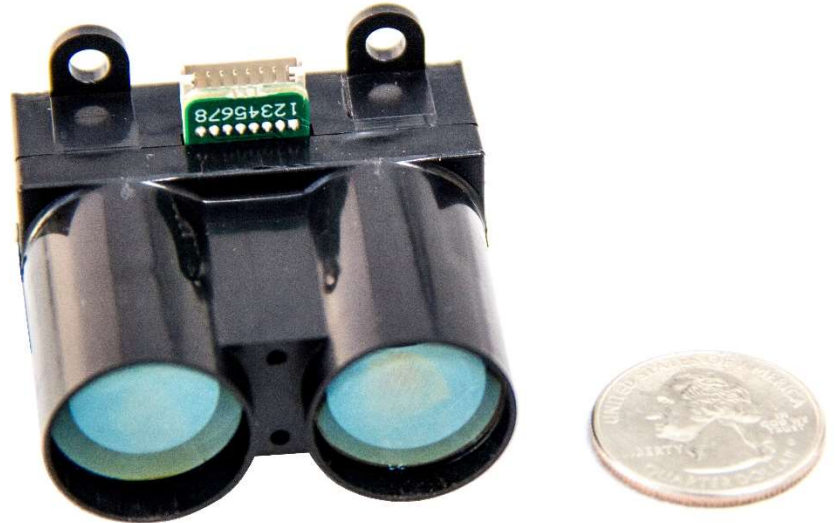
200m Compact Laser Rangefinder



Product Datasheet

Attollo's WASP series of rangefinders are designed to measure ranges at a rate of up to 10,000 points per second with remarkable accuracy and precision in an ultra-tiny package. Designed with a host of advanced features, the WASP series of rangefinders are well-suited for a number of applications including:

- Robotics and Drones
- Scanned LADAR
- Sense and Avoid
- Industrial Automation
- Height & Distance Measurements



## Features include:

- Single-shot laser ranging for fast scanning and moving platforms
- Programmable burst mode averaging
- Class 1 or Class 3R options
- IP 67 option
- Connector options including pigtails
- Durable molded ABS plastic housing
- Integrated back or front mounting

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WASP-200 LRF		
Specification / Feature	CG1-001	CG3-001
Laser Eye Safety	Class 1	Class 3R
Range Performance (Scattering Sunlit Target)	0.2m to 125m - 18% reflectivity 0.2m to 200m - 80% reflectivity	
Maximum Range	250 meters	
Accuracy	< 10 cm	
Resolution	1 cm	
Update Rate	Single shot to 56 Hz	Single shot to 10 kHz
Wavelength	905 nm	
Beam Divergence	8 mrad x 1 mrad	
Optical Aperture	18 mm	
Input Voltage	5V to 16V	
Current @ 1 KHz	< 75mA @ 5V Operating Voltage	
Inrush Current	< 100mA @ 5V Operating Voltage	
Connector	8 pin Hirose Connector or Pigtail	
Communication Interface	UART	
Dimensions ( L x W x H )	44 x 20 x 42 mm <sup>3</sup>	
Weight	26 grams	
Operating Temperature	-40 to +60 C (-40 to 140 °F)	

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[www.attolloengineering.com](http://www.attolloengineering.com)

## Contact Information:

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