

Attollo's **WASP** series of rangefinders are designed to measure ranges of 200 meters off non-cooperative targets with remarkable accuracy and precision in an ultra-tiny package with FDA Class 1 laser certification. Designed with a host of advanced features, the WASP series of rangefinders are well-suited for a number of applications.



CU1-001



MC1-001



MU1-001

Applications

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

Included Features

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

WASP 200-LRF FAMILY			
Specification/Feature	CU1-001	MU1-001	MC1-001
Laser Eye Safety:	FDA Class 1 Laser Product		
Range Performance:	0.2m to 175m - 18% reflectivity 0.2m to 300m - 80% reflectivity		
Maximum Range:	350 meters		
Accuracy:	< 10 cm		
Resolution:	1 cm		
Update Rate:	Single shot in 56 Hz	Single shot in 50 Hz	
Wavelength:	905 nm		
Beam Divergence:	8 mrad x 1 mrad		
Optical Aperture:	18 mm		
Input Voltage:	5V to 16V	7V to 13.8V	
Operating Current:	< 75mA @ 5V	< 75mA @ 10V	
In-rush Current:	< 100mA @ 5V	< 100mA @ 10V	
Connector:	8 pin Hirose Connector or Pigtail	IP67	
Communication Interface:	UART	CAN Bus, RS-232	
Dimensions (L x W x H):	44 x 20 x 42 mm ³		
Weight:	26 grams	44 grams	
Operating Temperature:	-40 to + 60 C (-40 to 140 °F)		