

Optima LC-H Ride Height Sensor

The Optima LC-H is a laser based sensor providing high precision fast response non-contact distance measurement.

The proprietary optics of the sensor provide reliable data unaffected by ambient light and/or varying surface properties.



Technical Data	LC-H	Features	Optional Accessories
Distance to ground	530 mm (20.9")	Measurements in full Sun!	Suction cup, mounting hardware, & Tether
Measurement Range	600 mm (23.6")	5.0 m cable—standard, other lengths available upon request	± 15 V Power Supplies for 2, 4, or 8 channels
Bandwidth	Up to 2 KHz	Current or CAN output available upon request	Dual Suction Cup assembly also available
Operating Voltage	± 15 V < 150 mA	Digital Averaging Filter, Bessel or Butterworth	
Output Voltage	± 10 V (Standard—Analog)	Easy to install	
Light Source	Class 3A Laser < 5 mW (600 nm)	Easy to Use	
Photo Detector	CCD linear image sensor	Applications	
Resolution	0.025%	Vehicle Height	
Reproducibility	± 0.025%	Roll Angle	
Size	100 x120 x 40 mm (3.94 x 4.72 x 1.57 in)	Road Profile	
Weight	812 g (1.79 lbs)	Dynamic Toe and Camber measurement	
Protection Class	IP65		