

# SpeedVue Laser Speed Sensor

The CSI 430 automatically detects, displays and incorporates turning speed into the measurement when used with the CSI 2140 portable analyzer.

## Dynamic Performance

Output ( $\pm 0.05\%$ )	$\pm 2.5$ Volts Analog Waveform
Standoff Range (w/o Reflective Tape)	>9 m ( $\approx 30$ feet)
Standoff Range (with Reflective Tape)	>30 m ( $\approx 100$ feet)
Frequency Range	2 to 120,000 rpm (0.07 to 2,000 Hz)

## Agency/Compliance

Laser Class	FDA Class IIIa, <5mw, 650 nm IEC Class 3B (International)
Compliance	FDA, IEC, CE

## Environmental

Temperature Range	-10 to 50°C (-15 to 120°F)
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## Electrical

Power	5 to 7.2 VDC (Typically Supplied by CSI 2140)
Resolution	5 Digit Display on CSI 2140

## Physical

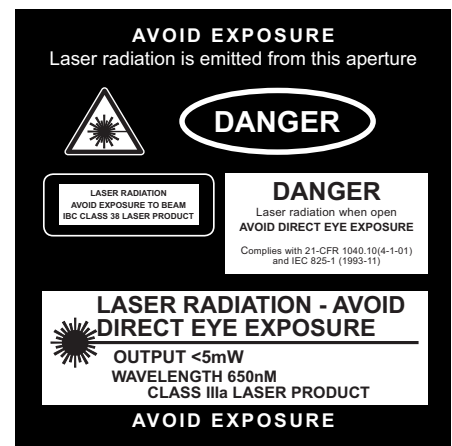
Weight	195 grams ( $\approx 7$ oz) Laser Sensor Only
Mounting	Handheld Operation is Typical Optional Magnetic Base and Tripod

## Cable Options and Accessories

D25473	24" SpeedVue Cable; M12 – 8 pin male to LEMO 4 pin male (standard)
D25474	42" SpeedVue Cable; M12 – 8 pin male to LEMO 4 pin male (option)
D25475	72" SpeedVue Cable; M12 – 8 pin male to LEMO 4 pin male (option)
A0430MB	SpeedVue magnetic mounting base
A0430TR	SpeedVue tripod



*Caution: Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.*



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