

## LMC-L Laser Doppler

### Accurate speed / length measurement

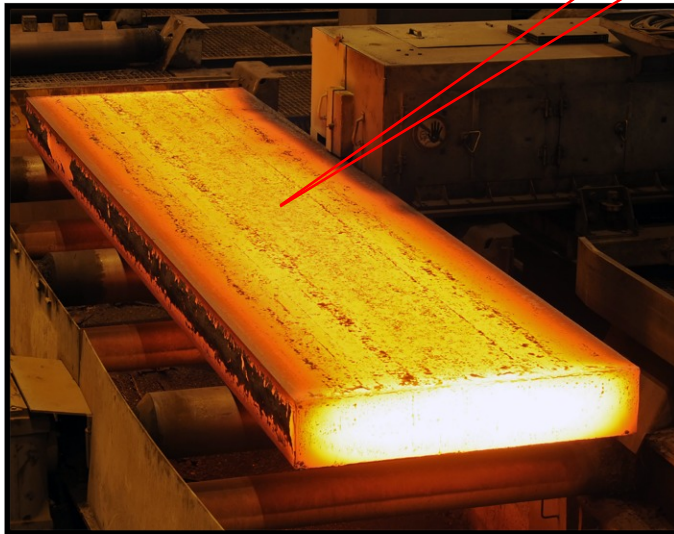
This device enables precise non contact speed measurement of fast moving objects improving productivity and quality.

Ideal for process / quality control where accurate speed or dimensional information is critical:

Designed for industrial use including “high temperature environments” such as metal forming.

Sample applications include: Component and “on reel” dimensioning, high speed synchronisation for strip mill, textile, film or print processing.

Fit and forget: Non contact opto electronic technology.

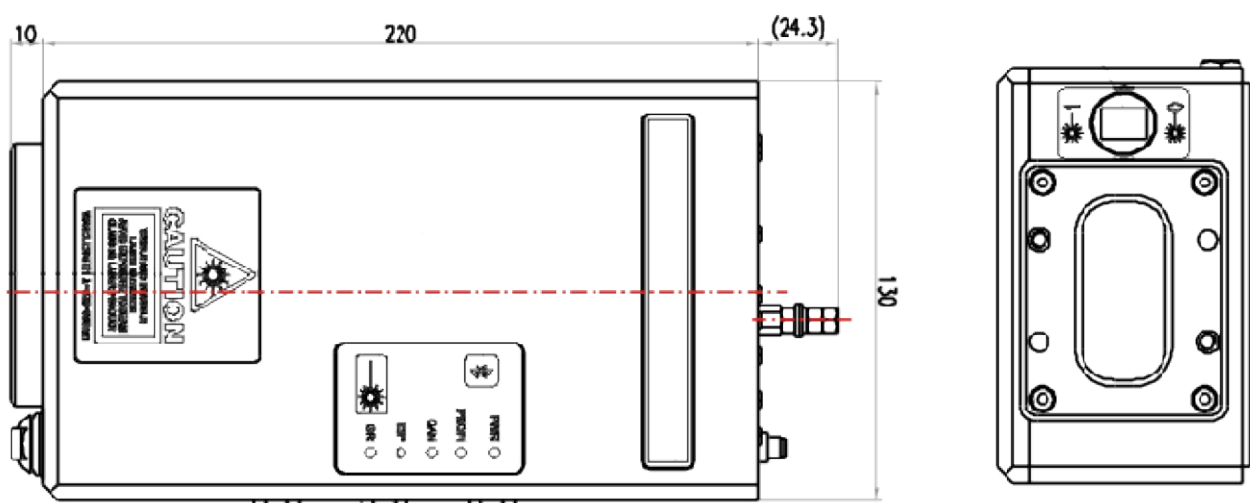


- Accuracy: better than 0.05%
- Repeatability: better than 0.02%
- 0.1 m/min- 1 km/min
- Non-Contact measurement
- Suitable for most material: thin, hot (1000°C), coloured
- Intuitive setup & operation
- Multiple interfaces & outputs available
- Robust & reliable: IP67 Low Cost of Ownership

## Specifications:

	LMC-L-0150-025	LMC-L-0300-060	LMC-L-0600-060	LMC-L-1200-120
Min Speed (m/min)	0.1	0.2	0.2	0.4
Max Speed (m/min)	2,500	5,000	5,000	10,000
Measuring distance (mm)	150	300	600	1,200
DOF (mm)	25	60	60	120
Accuracy	Better than 0.05%			
Repeatability	Better than 0.02%			
Measurement rate	Up to 25,000 /sec			
Power	15-25 Vdc 20W			
Protection	IP67			
Temp Range	0°C- 45°C			
Dimensions	230mm x 130mm x 75mm			
Weight	3Kg			
Output info	m, ft, yd, m/min, ft/min			
Digital inputs	2 Fixed: 2 Programmable: Max Input Voltage:	Laser enable, Laser shutter Length reset, Display / Length / Speed hold, Direction, Pause 24VDC		
Relay outputs	Volt-free contact: Options:	Max 50VDC 0.5A Gauge OK, Gauge measuring, Preset length 1, Preset length 2		
Serial I/O	Selectable RS232, RS485, RS422: Speed, Length, GR, (Status indicators)			
Analogue output	0-10VDC Scaleable output. Based on Speed or "Good" readings			
Pulse outputs	Opto-isolated differential outputs. Configurable as quadrature or index. Default output 5V or user input to 24VDC. Pulse output up to 1MHz			
Other protocols	Profibus, Ethernet IP, DeviceNet, Modbus, CANbus & SSI available			

## Dimensions:



1010 Cambourne Business Park, Cambridge, CB23 6DP UK.

Tel +44 (1223) 923 930 : Fax +44 (1223) 923 940

info@sentekeurope.com : www.sentekeurope.com