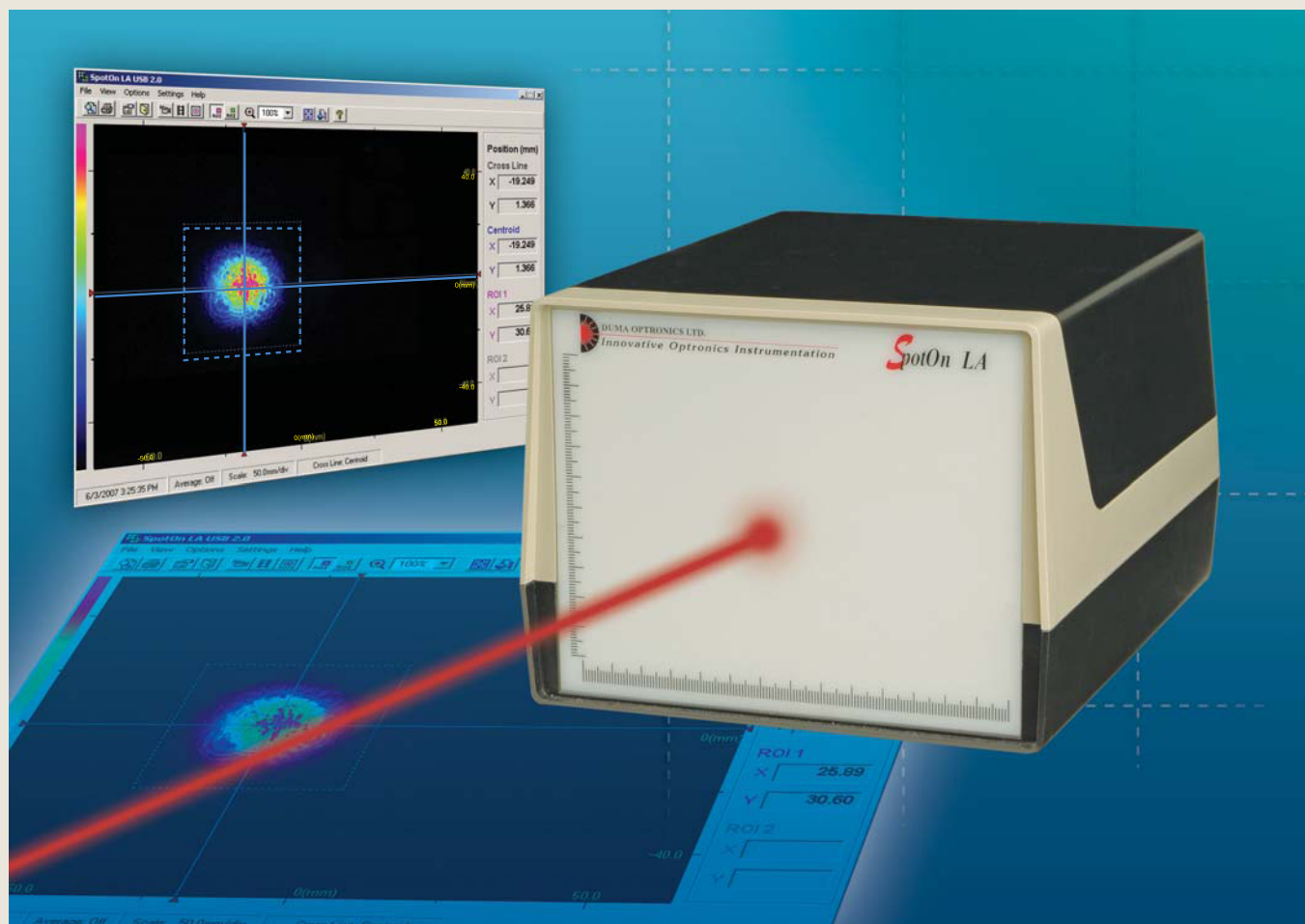


SpotOn LA

Large Aperture Beam Positioning System



Featuring Large Optical Aperture

Applications

- Measure position deviations over long distances
- Monitoring low frequencies displacements, including buildings and bridges
- Fence polls alignment
- Track straightness

Main Features

- **Large Aperture** - For long distance or large movement alignment
- **Extremely accurate** - Less than 1% edge-to-edge and 30 μ m resolution for minute movements
- **Versatile** - Measures beam position (up to 3 beams simultaneously), measures both CW and pulsed beams
- **Easy to use** - User friendly software with on-line Help routine, P&P camera with USB2.0 interface



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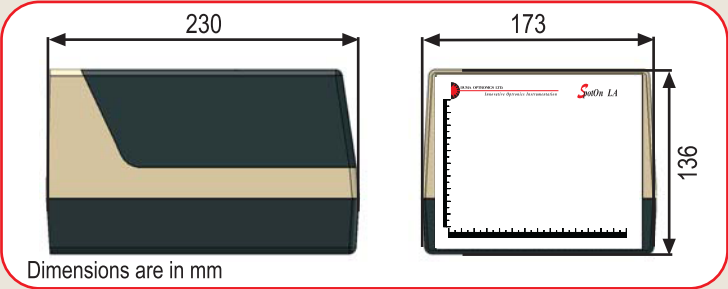
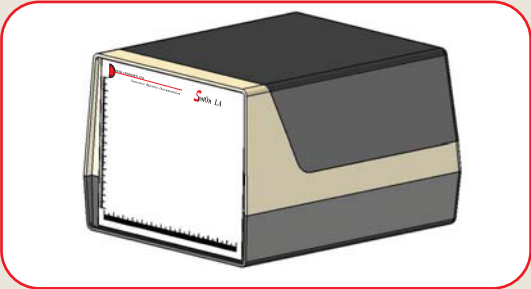
Tel: 86 21 34635258/59/61/62 Fax: 86 21 34635260 Mail:saleschina@rayscience.com



Specifications

Detection size	X=140mm, Y=103mm
Dimensions	230mm(L)x173mm(H)x136mm(W)
Weight	810 gr
Frame rate	30 Hz
Spectral response	400 – 800 nm
Position accuracy	Less than 1% Edge-to-edge
Position resolution	30 μm
Interface	High Speed USB2.0
Cable	1.8m USB2.0 cable attached to camera
Power	Powered by USB port
Input power level	About 2.5mW at 650nm (consult factory about attenuation)

Mechanical drawing



Software Features

- Centroid calculation and display
- 3 regions of interest for simultaneous measurements of up to 3 beams
- 2D contour map of beam in real time
- Direct data logging to Excel files with detailed statistics
- Data exporting to another computer via RS232
- Average
- Automatic Pass/Fail analysis report
- ActiveX package to control software from your application



Hardware Requirements

The recommended host computer requirements are:
Pentium IV, 2GHz, 512 MB RAM, 100 MB HDD free, Windows XP/Vista, 64MB 16 Bit color VGA card,
1 free high speed USB2.0 port, CD ROM drive



Ordering Information

SPOTON-LA – System comprises of a Plug & Play camera with USB2.0 interface and attached cable, software on CD disk.



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