



[www.newtonlabs.com](http://www.newtonlabs.com)

## Model 1200 Line Scan Vision System



The Model 1200 concurrently processes the video from two Newton Labs Line Scan Cameras where simultaneous inspection from both cameras is required. It is commonly used to increase the number of pixels (and thus the resolution) when the resolution from a single line scan camera is not sufficient for the application or to perform two different inspections simultaneously (such as the top and bottom of the same web).

<b>Technical Specifications</b>	
<b>Construction</b>	
Size:	9.25" x 5" x 9.25"
Weight:	10.5 lbs.
Enclosure:	NEMA rated extruded aluminum, completely enclosed
Mounting:	Various standard brackets
Processor:	High Performance Embedded MMX
<b>Connections</b>	
Serial:	Standard DB9 for RS232/RS422
Ethernet	10/100 baseT
Power:	85-240 VAC, 47-63 Hz, IEC 320 Connector – IEC 950 Compliant
I/O	DB 37 connector to assure plenty of I/O options
Inputs:	8 digital
Outputs:	16 digital plus 3 for pass, fail, busy/status
Line Scan Imager:	2 Rugged 10 pin connector
Video Output	BNC connector for vision system output in video format
Illumination:	DB25 connector for illumination source
<b>Operations</b>	
Speed:	Extremely high speed, up to 10 billion pixel operations per second
Set up:	Use with Newton Labs preprogrammed software algorithms for easy set up
Storage Temperature	0 - 150 degrees F
Operating Temperature:	40 - 100 degrees F (optional high and low temperature systems available)