

ConveyorVIEW Inspection Systems

High Speed, High Resolution, Conveyor-Based, Full Surface, Automated Visual Inspection Systems

Coleman Technologies, Inc is proud to offer our ConveyorVIEW series of Automated Visual Inspection Systems, which perform high image resolution inspection of both top and bottom surfaces for manufacturing defects of objects conveyed through the system and automatically determines and returns pass/fail indication based on user defined specifications.

Conveyors, lighting, lens, cameras, computer, and inspection software are all custom modified and optimized for each ConveyorVIEW application.

Typical Applications:

- Defect detection and metrology
- Optical Character Recognition (OCR) & OCV
- 3D laser height mapping

Standard Configuration:

- 12 inch wide by 3 foot long conveyors (1 inlet, 1 outlet), speeds 0 to 150 feet/min.
- Two 4k B&W linescan cameras : < 0.003" resolution of both top and bottom surfaces
- LED line illumination
- PLC compatible digital output of inspection results
- Custom modified, application specific, ConveyorVIEW Inspection Software

Common Options:

- Single conveyor with top only inspection
- 3D laser height mapping
- Remote monitoring & result communication via TCP/IP
- Additional imaging stations
- Custom or laser line illumination
- Touch-screen monitor

System prices start at around \$30,000 for single conveyor, top only inspection systems. Standard configuration systems start at \$45,000. Call one of our machine vision experts today to obtain a quotation for your application!

