



LVS® 7300

Affordable Line Scan & Area Scan Camera Technology

Customize the LVS® 7300 to build a system that is perfect for your needs. Options include:

- ▶ **Master-to-Label Comparison (Blemish Detection)**
Detects blemishes, missing labels, voids, hickies, spots, skews and missing copy. Built-in "pinch and zoom" functionality allows operators to zoom into specific areas of the web for up-close visual inspection
- ▶ **Bar Code Validation (Reading of 1D & 2D Codes)**
Decodes 1D & 2D codes to determine if the code is readable. No attempt is made to grade the codes according to any standard
- ▶ **Bar Code Verification (Grading of 1D & 2D Codes to ISO/IEC Standards)**
Verifies 1D & 2D codes according to the internationally accepted rules of the applicable symbology specifications and ISO 15415 and 15416
- ▶ **Optical Character Recognition / Verification (OCR / OCV)**
Includes file matching, duplicate checking, and random or sequential data validation
- ▶ **Delta E Color Process Control**
Detects color variations by comparing the master color to the image color currently displayed in the field of view
- ▶ **Metrology Tool**
Measures and constructs geometric features. You may measure finite features such as arcs, circles, line segments, and points in specific image regions, and can also construct features within the image. You may also define and validate tolerances from dimensions, positions and shape (angularity, concentricity, perpendicularity, roundness and straightness)

FEATURES

- Utilizes line scan and area scan camera technology for entry level inspection systems
- Additional features:
 - Back numbering count verification
 - Single lane grading of 1D and 2D barcodes to ISO standards
 - 100% print quality vision inspection
 - Color monitoring
- Touch screen monitor with easy-to-use interface - Scan & Go. Includes "pinch and zoom" functionality to enlarge any area on the web or object
- Mounts to presses, slitter/rewinders, folder gluers, conveyors, form fill and seal machines, and most types of machinery where vision inspection is required

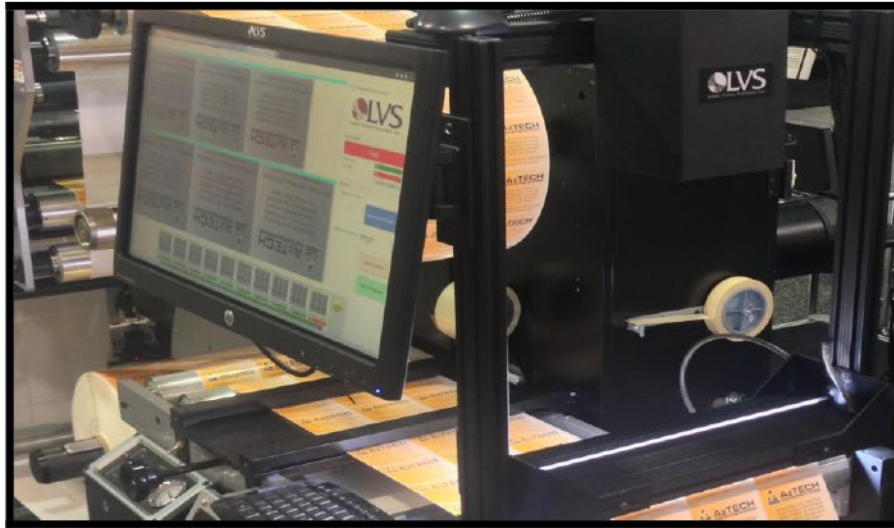
MACHINE VISION FUNCTIONS

- 1D and 2D Bar Code Reading and ISO Verification
- Pattern Recognition / Matching / Blemish Detection
- Blob Analysis
- Measuring tools
- Color Analysis
- Optical Character Recognition & Verification (OCR / OCV)



Base Package

The base LVS® 7300 package is supplied with a vision computer system with monitor, keyboard, LVS® 7300 software, read head with 2K or 4K camera (monochrome or color), lighting system, custom mounting solution, encoder, applicable cables, and Operations Manual.



LVS® 7300 Mounted to Aztech's High-Speed Slitter Rewinder Inspector



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PACKAGING, MARKING AND CODING NEEDS