

Microscan Offers Full Suite of Barcode and Print Quality Verification Products for Regulatory Compliance

Alphen a/d Rijn, The Netherlands, 7 March

2017– Microscan Systems, Inc., a global leader in industrial barcode reading, verification, and machine vision technology, has added a full suite of all-in-one barcode and print quality verification products to its line of industrial automation solutions. With Microscan's acquisition of verification systems innovator Label Vision Systems (LVS), Microscan's technology portfolio now comprehensively addresses factory automation challenges from product packaging and labeling compliance to full-scale product inspection, tracking, and traceability throughout the supply chain.



Microscan's suite of barcode and print quality verifiers provide both inline and offline verification of codes (symbols and text) printed on labels and packaging. Verifiers identify errors in code readability and compliance as codes are printed, allowing manufacturers to address printing or formatting issues before incurring fines and scrapped product down the supply chain. Microscan offline verifiers enable users to present codes to vision-based inspection systems as needed to check for quality issues in newly-designed labels. Microscan inline verification systems are configurable into manufacturing lines and printers to check label accuracy on the fly during or directly after code printing and application. These verification solutions address the growing need for compliance to the FDA's Unique Device Identification (UDI) initiative, as well as other regulated barcoding standards.

New turn-key [barcode verifiers](#) from Microscan are embedded with machine vision camera, software, and illumination in specific geometries to provide offline standards-based verification of any 1D barcode or 2D symbol. Microscan barcode verifiers provide a consistent software environment that is scalable across a number of product configurations: the LVS-9510 Barcode Verifier for stationary desktop verification, the LVS-9570 Handheld Barcode Verifier for omnidirectional, multi-label verification across any surface, and the LVS-9580 Handheld DPM Barcode Verifier for complete mobility in an ergonomic handheld design. Barcode verification software grades codes against GS1 and ISO/IEC barcode quality standards and offers detailed analytical tools for verification, reporting, and diagnosing quality issues to enable independent problem solving. All barcode verifiers are 21 CFR Part 11 compliance-ready.

In addition to barcode verification, Microscan's new [print quality inspection systems](#) enable both barcode verification to ISO/IEC quality standards and inspection of printed text quality for comprehensive label verification. These inline systems come in a range of modular configurations or custom-built solutions, uniquely engineered to be integrated directly at the point of printing (within or attached to printing presses

or thermal printers). Each configuration addresses a unique type of mounting requirement, from presses to slitter/rewinders to folder gluers to conveyers to form fill and seal machines. The LVS-7000 (for printing press mounting) is the only vision system on the market capable of blemish/defect detection of print, plus variable data, barcode, and ISO grading capabilities. The 7000 system is designed to inspect print quality at line speeds for both codes and text at once. The LVS-7300 (for printing press mounting) offers line and area scan capabilities with gigabit Ethernet, USB 3.0, and touchscreen monitor for superior ease of use. The LVS-7500 can be adapted to any thermal printer for real-time viewing of label print quality trends including numerical data sequencing and de-duplication and barcode/text data string matching.

Learn more about Microscan's full suite of [Barcode Verification](#) and [Print Quality Inspection](#) solutions, or contact a Microscan verification/UDI compliance expert to find a solution at www.microscan.com.

About Microscan

Microscan is a global leader in technology for precision data acquisition and control solutions serving a wide range of automation and OEM applications. Founded in 1982, Microscan has a strong history of technology innovation that includes the invention of the first laser diode barcode scanner and the Data Matrix symbology. Today, Microscan remains a technology leader in automatic identification, verification and machine vision, with extensive solutions for product tracking, traceability, and inspection, ranging from basic barcode reading to complex machine vision inspection, measurement, and guidance.

As an ISO 9001:2008-certified company recognized for quality leadership in the U.S., Microscan is known and trusted by customers worldwide as a provider of quality, high-precision products. Microscan is a [Spectris](#) company.

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