The LVS-9510 is a high-performance system for off-line verification of barcodes to ISO/IEC, ANSI, GS1, and UDI standards.

The LVS-9510 is unique in the world of ISO verification due to its ease of use and ability to verify linear (1D) and two-dimensional (2D) codes without any change of equipment. The system automatically determines the symbology and aperture needed to evaluate the code and identifies and highlights trouble spots.

The LVS-9510 offers a “stitching” feature that allows grading of barcodes that are larger than the field of view.

LVS-9510: At a Glance
- Validates to ISO/IEC, ANSI, GS1, and UDI print quality standards.
- Software upgrade options include Multi-Sector for verification of multiple barcodes on a label.
- Certified by GS1 US.
- Supports 15 languages with the ability to add more languages.
- Quality data reporting for auditing purposes.
- Manage operator permissions using LVS-95XX software or using Microsoft Active Directory.
- Includes NIST-Traceable Calibrated Conformance Standard Test Card for calibrating the system.

For more information on this product, visit www.microscan.com.

LVS-9510: Available Symbologies

<table>
<thead>
<tr>
<th>Linear</th>
<th>2D</th>
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</thead>
<tbody>
<tr>
<td>Standard</td>
<td>Micro PDF417</td>
</tr>
<tr>
<td>Postal</td>
<td>GS1 DataBar</td>
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</tbody>
</table>

Please see the second page for a complete list of supported symbologies.

ISO/ANSI for 1D
LVS-95XX series barcode verifiers inspect all nine ISO/ANSI parameters for linear (1D) barcodes, have the ability to identify blemishes, and can perform simple human-readable validation.

ISO/ANSI for 2D
The LVS-95XX series verifies 2D codes and reports all parameters as specified in the applicable symbology specification.

Analytical Tools
Equipped with numerous analytical tools to identify and evaluate barcode errors. Problems are color-coded to make problem solving easy.

Software
LVS-95XX software includes GS1 System Symbol Specification Tables. GS1 tables set standards for barcode data structure and how to maintain the quality of codes during barcode creation. Omron Microscan offers an online training course on GS1 tables and how these apply to different organizations.

Software Upgrade: EAIV
The Enhanced Application Identifier Verification (EAIV) option verifies that all GS1 Application Identifiers, such as Expiration Date, Global Trade Item Number (GTIN), and Batch Number, embedded in the data structure of a GS1 barcode match the data programmed in the EAIV feature by the user.

User Permission Options
Manage permissions through LVS-95XX software: Passwords are stored in a local database. All passwords are encrypted, include an expiration date, and count failed password attempts.

Manage permissions through Microsoft Active Directory: User privileges are based on Microsoft authentication and LVS-95XX permissions are assigned based on group membership.

Field of View Options
- 1.75” (44 mm)
- 3.0” (76 mm)
- 4.0” (102 mm)
- 4.5” (114 mm)
- 6.250” (159 mm)
SUPPORTED SYMBOLOGIES

Linear (1D) Symbologies
- Codabar
- Code 128, Code 39, Code 93
- DataBar
- DataBar Expanded and Limited
- DataBar Omnidirectional
- DataBar Stacked and Truncated
- EAN/JAN-13
- EAN/JAN-8
- Enterprise Intelligent Barcode (EIB)
- 4-State (4SB)
- GS1-128
- Hanxin Code
- HIBC
- Interleaved 2 of 5 (ITF)
- ITF-14
- Japan Post
- MSI Plessey
- Pharmacode–Italian and Laetus
- PZN 7 and PZN 8
- UPC-A and UPC-E
- USPS-128
- USPS Intelligent Mail Barcode (4-State Customer Barcode)

Two-Dimensional (2D) Symbologies
- Aztec
- DataBar with CC-A, CC-B, or CC-C
- EAN/JAN-13 with CC-A, CC-B, or CC-C
- EAN/JAN-8 with CC-A, CC-B, or CC-C
- ECC-200 (Data Matrix) including:
  - EIB CMDM
  - French CIP
  - GS1 Data Matrix
  - NTIN and PPN
- GS1-128 with CC-A, CC-B, or CC-C
- MaxiCode
- Micro QR Code
- PDF417
- QR Code
- UPC-A with CC-A, CC-B, or CC-C
- UPC-E with CC-A, CC-B, or CC-C

Note: CC = Composite Components Contact

Omron Microscan for a complete list of supported ECC-200 (Data Matrix) codes.

ILLUMINATION
- Type: White LEDs; Red filter (660nm)
- Optional clear window available for purchase.

ELECTRICAL
- Power Input: 12 VDC @ max. 2.5 A

COMMUNICATIONS
- USB 2.0 A plug to B plug cable 1.8 m (6 ft.)

CAMERA
- Monochrome 5.0 megapixel

ENVIRONMENTAL
- Operating Temperature: 10° to 30° C (50° to 86° F)
- Storage Temperature: 0° to 40° C (32° to 104° F)
- Relative Humidity, Operating: 20% to 80% (non-condensing); Relative Humidity, Storage: 20% to 95% (non-condensing)

21 CFR PART 11
The LVS-9510 is certified by GS1 US and is 21 CFR Part 11 compliant-ready.