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.

**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 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)

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SUPPORTED SYMBOLOGIES

Linear (1D) Symboleges
- 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)
- 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) Symboleges
- 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 CDM
  - French CIP
  - GS1 Data Matrix
  - NTIN and PPN
- GS1-128 with CC-A, CC-B, or CC-C
- MaxiCode
- Micro QR Code
- MicroPDF417
- 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 Microscan for a complete list of supported ECC-200 (Data Matrix) codes.

Note: CC = Composite Components

SAFETY CERTIFICATIONS
- Designed for FCC, CE, UL
- RoHS Compliant
- ISO 9001 Registered

MINIMUM PC REQUIREMENTS
- PC supplied by customer.
- Windows® 7 Professional, Windows® 8.1 Pro, or Windows® 10 Pro
- Intel® Core™ i3 or higher; 4 GB RAM; 800 x 600 Screen Resolution; One USB 2.0 port available per unit.

CALIBRATION
- One of the following options:
  - EAN/UPC Calibrated Conformance Test Card
  - GS1-128 Calibrated Conformance Test Card

FIELD OF VIEW OPTIONS

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Minimum X Dimension (Nominal)</th>
<th>Field of View (Approximate)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9510-5-1.75</td>
<td>3.0 mil (0.07 mm)</td>
<td>4.5 mil (0.11 mm)</td>
</tr>
<tr>
<td>9510-5-3.0</td>
<td>4.0 mil (0.10 mm)</td>
<td>5.9 mil (0.15 mm)</td>
</tr>
<tr>
<td>9510-5-4.0</td>
<td>6.0 mil (0.15 mm)</td>
<td>9.0 mil (0.23 mm)</td>
</tr>
<tr>
<td>9510-5-6.250</td>
<td>9.4 mil (0.24 mm)</td>
<td>13.1 mil (0.33 mm)</td>
</tr>
</tbody>
</table>

WARRANTY – For current warranty information about this product, please visit www.microscan.com/warranty.

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