

LVS-9510



Comes with handheld top cover (not shown) to keep label in position on viewing window.

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.
- 21 CFR Part 11 compliant-ready.
- 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.stratixcorp.com.

LVS - 9510: Available Symbolologies

	Standard	Postal		
Linear				
	Data Matrix	QR Code	Micro QR Code	Aztec
2D				
	Micro PDF417	PDF417	GS1 Databar	
Stacked				

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

Desktop Barcode Verification System

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, can 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)

LVS-9510 SPECIFICATIONS AND OPTIONS

SUPPORTED STANDARDS

Application Standards

AIAG/DAMA/JAPIA/Ode
tte ALDI
ISO/IEC TR 29158 (DPM
Cat 0) DHL
FPMAJ
French CIP
GS1 General
Specifications HDMA
Guidelines
Health Industry Barcode
(HIBC) IFAH
Italian
Pharmacode
Japan Codabar
Laetus
Pharmacode
Laetus Standard
MIL-STD-130
Pharmacy Product Number (PPN)
Automatic GS1 or ISO
GS1 (NTIN)
Miniature Pharmacode
Postal (EIB, USPS IMB/Code 128,
POSTNET
Japan Post)
PZN-big, normal, small (German
Pharmacode)

GS1 US Certification

Data Matrix for
Healthcare Data Matrix
(ECC 200) EAN/UPC
EAN/UPC and extended
codes EAN/UPC with CC
GS1 DataBar
Omnidirectional ITF-14
GS1 DataBar-14 with CC (formerly RSS-
14 with CC)
UCC/EAN with
Supplementals UCC/EAN-
128
UCC/EAN-128 with CC

ISO Conformance Standards

ISO/IEC 15415, 15416, 15418
ISO/IEC 15426-1, 15426-2
All supported ISO/IEC Symbology
Specifications

MECHANICAL

Height: 266.7 mm (10.5")
(Includes rubber feet on system base.)
Width: 282 mm (11.125")
Depth: 230 mm (9.062")
Viewing Window: 127 mm x 177.79
mm (5" x 7")
Weight (Approx.):
Unpackaged standalone weight:
2.72 kg (6.0 lbs.)
Shipping weight (includes all items
packaged in shipping box, such as power
supply and cables): 5.89 kg (13.0 lbs.)
Top Cover Dimensions:
139.7 mm x 190.5 mm (5.5" x 7.5")
Top Cover Weight:
155.92 g (5.5 oz.)

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.

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
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 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.

CALIBRATION

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

Calibration Card Part Numbers (Included with System)

9510-5-1.75: EAN/UPC Test Card P/N 98-CAL020
9510-5-3.0: EAN/UPC Test Card P/N 98-CAL020
9510-5-4.0: EAN/UPC Test Card P/N 98-CAL020
9510-5-4.5: EAN/UPC Test Card P/N 98-CAL020
9510-5-6.250: GS1-128 Test Card P/N 98-CAL021

FIELD OF VIEW OPTIONS

Part Number	Minimum X Dimension (Nominal)		Field of View (Approximate)
	1D	2D	
9510-5-1.75	3.0 mil (0.07 mm)	4.5 mil (0.11 mm)	1.75 inches (44 mm)
9510-5-3.0	4.0 mil (0.10 mm)	5.9 mil (0.15 mm)	3.0 inches (76 mm)
9510-5-4.0	6.0 mil (0.15 mm)	9.0 mil (0.23 mm)	4.0 inches (102 mm)
9510-5-4.5	7.0 mil (0.18 mm)	9.8 mil (0.25 mm)	4.5 inches (114 mm)
9510-5-6.250	9.4 mil (0.24 mm)	13.1 mil (0.33 mm)	6.250 inches (159 mm)

SAFETY CERTIFICATIONS DESIGNED FOR

FCC, CE, UL

RoHS COMPLIANT

QMS CERTIFICATION

www.microscan.com/quality

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



4920 Avalon Ridge Parkway
Peachtree Corners, GA 30071
1.800.883.8300
<https://www.stratixcorp.com/barcode-verifier/>