

LVS-9580

Durable, portable handheld verifier



Weighs only 16.7 oz. (.47 kg)

Portable Barcode Verification System

The LVS-9580 is a high-performance handheld solution for off-line barcode verification to ISO/IEC, ANSI, GS1, and UDI standards. Featuring a high-resolution 5.0 megapixel camera, the LVS-9580 reads and analyzes linear (1D) and two-dimensional (2D) codes up to 3.0 inches (76.19 mm) wide and up to 2.25 inches (57.15 mm) tall.

The LVS-9580 verifies multiple symbologies, including any combination of linear, 2D (Data Matrix, QR Code, and Aztec Code), and stacked linear (PDF 417, Micro PDF, and Composite codes).

Powered by a 10-foot (3.0 m) USB 2.0 cable, the LVS-9580 verifies barcodes on a wide range of surfaces including metal, cardboard boxes, and shipping containers.

LVS-9580: At a Glance

- Stitching feature to grade barcodes larger than the field of view.
- Ideal for multiple line production and warehouse environments.
- 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.
- Supports 15 languages with the ability to add more.
- Quality data reporting for auditing purposes.
- Includes NIST-Traceable Calibrated Conformance Standard Test Card for calibrating the system.

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

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. 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.


Portability

Connects to the latest tablets.

Field of View

- 3.0" (76 mm) horizontally
- 2.25" (57.15 mm) vertically

LVS-9580: Available Symbologies

	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 symbologies.

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LVS-9580 SPECIFICATIONS AND OPTIONS

SUPPORTED STANDARDS

Application Standards

AIAG/DAMA/JAPIA/Odette
ALDI
ISO/IEC TR 29158 (DPM Cat 0)
DHL
FPMJ
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
ISO/IEC 15426-1, 15426-2
ISO/IEC TR 29158 (DPM Cat 0)
All supported ISO/IEC Symbology Specifications

MECHANICAL

Height: 215.9 mm (8.5")
Width: 120.6 mm (4.75")
Depth: 139.7 mm (5.5")
Weight: Unpackaged weight: .47 kg (16.7 oz.)
Shipping weight (includes all cables and other items packaged in shipping box): approx. 1.81kg (4 lbs.)

FIELD OF VIEW

76.19 mm (3.0") horizontal
57.15 mm (2.25") vertical

MINIMUM BAR CODE X-DIMENSION

1D = 4.0 mils (0.10 mm)
2D = 5.9 mils (0.15 mm)

MINIMUM PC REQUIREMENTS

(PC supplied by customer.)
Windows® 7 Professional or
Windows® 8.1 Professional
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 Microscan for a complete list of supported ECC-200 (Data Matrix) codes.

ILLUMINATION

Type: Red filter (660nm)

ELECTRICAL

USB powered 5 VDC @ 180 mA

COMMUNICATIONS

USB 2.0 A plug to Mini-B plug cable
3 m (10 ft.)

CAMERA

5.0 megapixel camera
Object Distance: Contact

ENVIRONMENTAL

Operating Temperature: 4° to 46° C
(40° to 115° F)
Relative Humidity: 5% to 95%
(no water condensation allowed)

21 CFR PART 11

The LVS-9580 is certified by GS1 US and is 21 CFR Part 11 compliant-ready.

CALIBRATION

EAN/UPC Calibrated Conformance Test Card (included with system)

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.



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