The LVS-9580 is a high-performance handheld solution for offline barcode verification to ISO/IEC, 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 76.19 mm (3.0 in.) wide and up to 57.15 mm (2.25 in.) tall. 1D and 2D direct part marks (DPM) of up to 44 mm x 44 mm (1.75” x 1.75”) can be verified to MIL-STD-130, ISO, and GS1 standards.

The LVS-9580 verifies multiple symbologies, including any combination of linear, 2D (Data Matrix, QR Code, and Aztec Code), and stacked linear (PDF417, MicroPDF, and Composite codes).

Powered by a 2.0 m (6.5-foot) USB 2.0 cable, the LVS-9580 verifies barcodes on a wide range of surfaces including plastics, PCBs, metal, cardboard, and shipping containers.

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

ISO 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: EAIIV
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
- 76 mm (3.0”) horizontal
- 57.15 mm (2.25”) vertical
- DPM: 44 mm (1.75”) x 44 mm (1.75”)
- HD: 33 mm (1.3”) x 25 mm (1.0”)

Please see the second page for a complete list of supported symbologies.
**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)
- 4-State (4SB)
- GS1-128
- 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 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

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

**SAFETY CERTIFICATIONS**

- DESIGNED FOR FCC, CE, UL
- RoHS COMPLIANT
- QMS CERTIFICATION www.microscan.com/quality

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

**ILLUMINATION**
- Type: Red filter (660nm)

**ELECTRICAL**
- USB powered 5 VDC @ 180 mA

**COMMUNICATIONS**
- USB 2.0 A plug to Mini-B plug cable

**CAMERA**
- 5.0 megapixel camera
- Object Distance: Contact

**ENVIRONMENTAL**
- Operating Temperature: 4° to 46° C (40° to 115° F)
- Relative Humidity, Operating: 20% to 80% (non-condensing); Relative Humidity, Storage: 20% to 95% (non-condensing)

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

**CALIBRATION**
- Calibrated Conformance Test Card (included with system)

**OPTIONS**

**LVS-9580/9585 Mounting Stand Adapter Bracket**
- Part Number 98-9000200-01

This adapter bracket is designed for use with an Amscope model BSS-140 stand. Together with the BSS-140, the assembly allows the verifier to be held in a fixed position, raised to a 368 mm maximum height and 495 mm horizontal adjustment. The verifier can be rotated a full 360 degrees while mounted, allowing for alignment against the DPM symbol for a broad variety of parts.

- Dimensions: 711 mm (28") Width x 406 mm (16") Height x 254 mm (10") Depth
- Weight: 14.5 kg (32 lb.)