

# LVS® INTEGRA 9580

## PORTABLE HANDHELD BAR CODE VERIFIER

**ISIS**  
integration

The INTEGRA 9580 is a portable, handheld bar code verifier designed for offline verification of bar codes to ISO/IEC standards. The Integra 9580 is a 5.0 megapixel camera based system that grades linear (1D) and two dimensional (2D) codes up to 3 inches (76mm) wide and up to 2 inches (51 mm) tall.

The INTEGRA 9580 verifies bar code labels located on a variety of surfaces including corrugated cardboard boxes, shipping containers and on a web. The Integra 9580 grades bar codes in either picket fence or ladder orientation.

The INTEGRA 9580 makes grading bar codes fast and easy!

1. Firmly grip the verifier handle and press the trigger.
2. Place the verifier window over the bar code ensuring the four rubber feet hold the substrate in place and minimize movement of the substrate.
3. The bar code image appears on the customer supplied computer with a green plus (+) symbol located on the bar code image.
4. Centre the green plus symbol over the centre of the bar code image and then release the trigger.
5. The INTEGRA 9580 analyses the bar code and reports a grade score between 4.0 (A grade) and 0.0 (F grade).

### Additional features

- **Inspection.** Inspects all nine of the ISO (ANSI) parameters, plus added features of determining blemishes, opacity and human readable validation. The INTEGRA 9580 verifies 2D codes and reports all parameters as specified in the applicable symbology specification.



- **Detailed Analysis.** Analysis is colour coded to show exactly where the problem is located within the bar code and sections of the bar code can be analysed to determine how to solve the problem. Reference to an online Help screen aids in the analysis.
- **High Resolution Inspection.** High-resolution inspection of the bar code is possible due to the use of a 5.0 megapixel high resolution camera, which allows reading and analysing every two thousandth of an inch (.002"/0.5mm) of the bar code height; this



exceeds the minimum ten-scan average required by ISO.

- **Advanced Technology.** Sensor technology allows more detailed analysis of the bar code, and makes reading of small and truncated codes possible, accurate and easy.
- **Numerous Verification Options.** Multiple codes, including any combination of Linear, Matrix (such as Data Matrix, QR Code and Aztec Code) and Stacked Linear (such as PDF 417, Micro PDF and Composite Codes) can be verified on one label within the field of view.
- **EAN/UPC NIST Traceable Calibrated Conformance Standard Test Card.** The INTEGRA 9580 is supplied with a NIST traceable calibrated conformance standard test card provided by GS1 to ensure that the system is always within a known calibration standard.
- 21 CFR Part 11 compliant-ready.

### Contact details

Isis Integration Limited  
Unit 7c Ladycross Business Park  
Hollow Lane, Dormansland  
LINGFIELD  
Surrey  
RH7 6PB

Tel. 01342 871010  
[www.isisintegration.co.uk](http://www.isisintegration.co.uk)

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Below are just a few Application Standards supported by the INTEGRA 9580:

- AIAG/DAMA/JAPIA/Odette
- ALDI
- AS9132-A /AIM DPM Cat 0
- DHL
- GS1 General Specifications
- HDMA guidelines
- HIBC (coming soon)
- FPMAJ
- IFAH
- ISO/IEC 15415/15416
- Italian Pharmacode
- Japan Codabar
- Laetus Miniature Pharmacode
- Laetus Pharmacode
- Laetus Standard
- MIL-STD-130M
- PPN
- PZN (big, normal, small)
- USPS Code 128

### Specifications

Height:	209.6mm
Width:	120.7mm
Depth:	139.7mm
Window:	85.725mm x 73.025mm Red window (660 nm) (optional clear window available for purchase).
Weight:	16oz (0.45kg)
Video camera:	Monochrome 5.0 megapixel
Minimum Bar Code dimension:	1D (narrow bar width) = 4.0mils (0.10mm) 2D (cell size) = 5.9mils (0.15mm)
Minimum PC requirements (PC supplied by customer):	Windows XP profession or Windows 7 (Windows Vista is not supported). 2 GB RAM 800x600 resolution One available USB 2.0 port
Light Source:	Red light (660 nm) Optional white light available for purchase.
Inputs / Outputs:	USB 2.0 port USB cable 10 feet (3048mm) USB-A to USB-B feed
Operating temperature:	10°C (50°F) to 35° C (95° F)
Storage temperature:	0°C (32°F) to 40°C (104°F)
Relative Humidity:	20% to 70% (non-condensing)
Calibration:	EAN/UPC calibrated conformance Test Card (LVS part: CAL002)

### ISO Conformance Standards

- ISO/IEC 15415:2004(E)
- ISO/IEC 15416:2000(E)
- ISO/IEC 15426-1:2000(E)
- ISO/IEC 15426-2:2004(E)

### Supported Symbolologies

- Aztec Code
- Composite Code CC-A
- Composite Code CC-B
- Composite Code CC-C
- Codabar
- Code 128
- Code 39
- Code 93
- DataBar expanded
- DataBar limited
- DataBar stacked
- DataBar-14
- EAN/JAN-13
- EAN/JAN-8
- ECC-200 (Data Matrix)
- GS1-128
- GS1 Data Matrix
- GS1 QR Code
- Hanxin Code
- Interleaved 2 of 5 (ITF)
- ITF-14
- Japan Post
- MaxiCode
- Micro QR Code
- MicroPDF417
- MSI Plessey
- PDF417
- Pharmacode – Italian
- Pharmacode - Laetus
- QR Code
- UPC-A
- UPC-E

**Specifications are subject to change without notice.**

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