



Axicon 6525-HS In-Line Barcode Verifier



Automatic Verification for Thermal Printers

Product Summary

Specifically designed for use with thermal printers, the Axicon In-line Verification System utilises CCD imaging technology to provide full ISO grade verification. Identifying common problems such as damaged or dirty printheads, media movement, ribbon creasing light margin, infringements, data content & format errors. A report on the quality of every barcode is displayed instantly on-screen alerting the operator to any deterioration in quality.

A range of reporting tools come as standard including the ability to save the scan file of each and every barcode, or just those that fail; a spread sheet of the results and a summary of every print-run. Easy to use tools providing full auditable traceability - an integral part of any ISO9000 Quality Management system.

Additional Benefit

The Axicon 6515-HS verifier can simply be lifted out of its cradle to be used as a full ISO/ANSI off-line verifier with more detailed diagnostics screens if desired.

Benefits

- ISO/ANSI Verification Standards
- For Use On & Off Line
- Sequential/Duplicate Label validation
- Multiple Barcodes per Label
- Scan File & Spreadsheet Reporting Tools
- Data Content and Format Checking



Church Road
Weston on the Green,
Oxfordshire,
OX25 3QP, U.K.
Tel +44 (0)1869 351 155
email: sales@axicon.com
www.axicon.com



THE BARCODE EXPERTS



Solution
Partner

Axicon 6525- HS - In-Line Barcode Verifier



THE SYSTEM

A full system comprises three parts:-

- The verifier which is supplied complete with software (on CD), calibration card, start-up guide etc.
- A cradle (or mount) for the verifier - Axicon recommend the use of the purpose-designed cradle (part number V1299HS) but users can design and use their own cradle or mount in they prefer.
- Some thermal transfer printers (but not all) are equipped with an I/O port to enable the printer to be paused -

Where this is provided Axicon offer a "Printer Interface unit" to pause the printer in the event of poor quality barcodes.

SOFTWARE SPECIFICATIONS

Symbologies Verified:	GS1 SYMBOLOGIES: EAN-8, EAN-13 (with or without addons), ITF-14/Case Code, GS1-DataBar (all symbologies), GS1-128, UPC-A, UPC-E (with or without addons). OTHER SYMBOLOGIES: Code 39, Code 93, Code 128, Codabar, ITF, MSI Plessey
Application Standards:	AIAG, Belgian Pharmacode (MSI), Belgian Pharmacode (Unique), CIP39, Coupon Codes (UK, USA, Euro), Code Vignette, GS1 AI Check, HIBC, ISBN/ISSN, Italian Pharmacode (IMH), LPPR, M&S, PZN, SISAC, Variable Measure Codes (Branded, Instore, Australian).
Analysis Performed on Relevant Symbologies:	Full ISO/ANSI Parameter Analysis (Rmin, Rmax, Global Threshold, Symbol Contrast, Min Edge Contrast, Modulation, Defects, Decodability, Decode), Decodability per Symbol Character, Average Bar Gain, Check Digit Validation, Data Length, Nominal Bar Width Analysis (X Dimension), Print Contrast Measurement (PCS), Symbol Structure including Parity, Subsets & Start/Stop Characters, Quiet Zone Validation, Wide to Narrow Ratio Display and Validation.
Diagnostics Windows in on-line mode:	Spreadsheet reporting window showing the print quality of all barcodes together with data content checking. A Summary screen is also available at the end of a batch. A "notes" screen can be completed by the user and is held for each batch run.
Diagnostics Windows in off-line verification mode:	Parameter Detail Results, Dimensional Analysis, Pass/Fail, Scan Reflectance Profile, Static Scan Reflectance, Summary, Traditional Results, Application Identifier Data Content Checker (for GS1-128, GS1-DataBar), Product-Look-Up.
Logging:	Scan Saving and Loading - stores complete details of scan file data. Allows for remote diagnostics and also for increased traceability.
Calibration Logging:	A record of date and time to show when the hardware has been calibrated is kept - vital for ISO 9000 records.
Error Messages:	Check Digit Error, Data Content Error, Incorrect Wide to Narrow Ratio, Print Quality Failure, Product Look-Up Error, Quiet Zone Error, Reference Decode Algorithm Error, Structure Error, X Dimension Range Checking.
Plugins Available:	Code 39 full ASCII, CSV File Saving, Gen Spec, Job Reference, Product Lookup, Text Lookup, Time Zone, UPC, User Data, User Name, (see also Application Standards).

HARDWARE SPECIFICATIONS

Dimensions:	145 x 113 x 128mm , Scan Width - 125mm (including quiet zones)
Weight:	675g
Construction:	Cast Aluminium and ABS plastic
Interface:	USB2 (Note This verifier will not work with a USB1 Connection)
Power Consumption:	Current draw 150mA - supplied from USB host.
Nominal Measuring:	5mil, 6mil, 10mil and 20mil.
Aperture:	The software automatically identifies the symbology/nominal bar size (X dimension) and adjusts the aperture size in order to comply with the symbology specifications and International Standards.
Wavelength of Light:	660 nanometers

GENERAL INFORMATION

Print of Analysis:	The verifier produces a spreadsheet containing records for each and every barcode checked during the batch. It can also produce a summary print In off-line verification mode a printed report can be produced on any connected printer. The report will be automatically resized to suit the output media. Printouts can be produced for the main verification information (including: Decoded Number, Time & Date, Number of Scans, Code Type, Average ISO/ANSI Grade, Average Bar Gain, Magnification, Check Character, Quiet Zone & Individual Parameters) Scan Reflectance Profiles, Dimensional Analysis, also for GS1-128 & GS1-DataBar Data Content information and Plugin Results. GS1 Verification Template supported. Customised reports available via RepGen and ScanDB utilities.
Standard Accessories:	Transit Case, Calibration Sheet, Start-up Guide, Software CD (for both in-line and off line verification), Compliance Certificates.
System Requirements:	PC running Windows XP, 2000, NT, Vista or Windows 7, USB2
Environmental:	Operating Temperature: 10° to 40° C
Storage Temperature:	-20° to 70° C
Relative Humidity:	25% to 80% @ 40° C non-condensing
Warranty:	2 year parts and labour - return to bench.

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All trademarks are acknowledged as belonging to their respective companies. Due to Axicon's continuing product improvement programs, specifications and features herein are subject to change without notice.



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