Axicon 15000 Barcode Verifier

axicon
THE BARCODE EXPERTS

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Product Summary
The Axicon 15000 barcode Verifier has been specifically designed to read both linear and 2D barcodes (whether matrix or stacked).

The 15000 can verify linear barcodes up to a maximum length of 52mm (2.0″) including Quiet Zones, and 2D barcodes should have a maximum size of 52mm x 31mm (2.0″ x 1.25″) including quiet zones.

The system consists of a state of the art array imaging camera and application software.

Our development program means that not only will your verifier always meet the latest ISO/ ANSI standard, but also a wide range of application standards. An extensive array of additional reporting tools is also provided with every verifier.

Typical Application
Smaller barcodes including retail point of sale (consumer unit) barcodes and also 2D barcodes such as Datamatrix, QR Code etc.

Installation
Simply install the software on your computer, plug in the verifier and you can be confident that your barcodes are being checked to the highest standards. The standard software includes everything you could ever need from a barcode verifier. Traceability features include the ability to save raw data files which can also be used for remote diagnostics support capability.

The Axicon Verifier, when used in conjunction with the accurately produced calibration sheet, forms an integral part of your ISO 9000 quality control procedures.

Free software updates are downloadable from our website www.axicon.com, ensuring that your verifier will remain at the leading edge.

Accuracy, Repeatability and Reliability. Axicon has been involved with barcode verification for 30 years and pioneered the use of CCD imaging for verification. With time comes experience and insight and we're not short of either! Actively listening to our clients suggestions, we constantly enhance and improve our system. The result? The most comprehensive and flexible verification system on the market.

Benefits
- ISO/ANSI Verification Standards
- Automatic variable aperture
- USB 2 Connectivity
- Powered solely from USB port
- AI Data Content Checker (For GS1-128 & GS1 DataBar, GS1 Datamatrix and GS1 QR Codes)
- Multi-Language User Interface
- Free-of-charge software updates for life.

SOFTWARE SPECIFICATIONS

Symbologies Verified:	GS1 SYMBOLOGIES: EAN-8, EAN-13, ITF-14/Case Code, GS1-DataBar (all symbologies), GS1-128, UPC-A, UPC-E Data Matrix and QR Codes. (Subject to length and size of barcode)
	OTHER SYMBOLOGIES: Code 39, Code 93, Code 128, Codabar, ITF, MSI Plessey, Datamatrix, QR.
Analysis Performed on Linear 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.
Analysis Performed on 2D Symbologies:	Full ISO/ANSI Parameter Analysis (parameters vary according to the symbology).
	Nominal Bar Width Analysis (X Dimension), Average bar gain.
Diagnostics Window:	Parameter Detail Results, Pass/Fail, Scan Reflectance Details, Summary information. Application Identifier Data Content Checker (for GS1-128, GS1-DataBar, GS1 Data Matrix and GS1-QR Codes).
Logging:	Scan Saving and Loading - stores complete details of scan file data. Allows for remote diagnostics and also for increased traceability.
	Autosaving of scans for audit trail purposes.
Calibration Logging:	A record of date and time to show when the hardware has been calibrated is kept - vital for ISO 9000 records.
Multi-Language:-	Contact Axicon for current list of available languages.
User-Data	User data facilities included - allowing the user to add adfditional information to scans made which is incorporated into verification reports and audit trails.

HARDWARE SPECIFICATIONS

Dimensions:	250 x 140 x 130 mm (9.8"x 5.5" x 5.1"), Max image size: 52mm x 31mm (2" x 1.25") (including quiet zones)
Weight:	1.36Kg (48 oz)
Construction:	Aluminum and ABS plastic
Interface:	USB 2.0 or higher
Power Consumption:	Current draw 360mA – supplied from USB host.
Nominal Measuring aperture	5mil, 6mil, 8mil, 10mil, 16mil and 20mil.
	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:	A printed report can be produced via the in-built report generator.
	This can create reports in .pdf, .html, .txt or .csv format (append facilities are available for any format which supports this.
	The use of a report generator makes it easy for customers to tailor their reports to their own requirements.
Standard Accessories:	Transit Case, Calibration Sheet, Start-up Guide, Software CD, Compliance Certificates.
System Requirements:	PC running any currently supported version of Windows - but Windows 7 or higher is recommended.
Environmental:	Operating Temperature: 10° to 40°C
	Storage Temperature: -20° to 70°C
	Relative Humidity: 25% to 80% @ 40°C non-condensing
Regulatory Approvals	CE Certified, RoHS Compliant.
	Meets ISO/IEC 15415, ISO/IEC15416, ISO/IEC 15426-1 and ISO/IEC 15426-2 standards.
	Has all the features necessary to meet the requirements of 21 CFR part 11.
	Warranty: 2 years parts and labour – return to bench.

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.