

Axicon 12000 2D Barcode Verifier

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THE BARCODE EXPERTS

The Axicon 12000 2D Verifier

Product Summary

The Axicon 12000 2D barcode verifier is designed to give consistently highly accurate results when verifying DataMatrix and other 2D barcodes. All barcodes are verified to the latest ISO, GS1 and Pharmaceutical standards. The Axicon 12000 also provides a solution for a wide range of application standards including Turkish Ministry of Health & CIP.

Designed for all 2D barcodes where an aperture size of 3mil or more is required (up to the scan area available - details overleaf). Aperture size can be set manually or by specifying a required Application Standard.

Typical Application

For the user who needs to verify Datamatrix (and similar) 2D barcodes, the Axicon 12000 has been designed to meet the most stringent pharmaceutical standards and requirements.

Installation

Simply Install the software on your computer, plug in the verifier to a USB2 port and you can be confident that your barcodes are being checked to the highest standards. The software includes everything you could ever need from a barcode verifier. Traceability features include automatic saving of files, printed reports, and data content checks against a wide range of application standards. - helping you to ensure that your barcodes are fit for purpose.

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.

Scan area:-

Model 12000 : 25mm x 18mm. (1.0" x 0.7")

Model 12500 : 37mm x 25mm. (1.45" x 1.0")



Accuracy, Repeatability and Reliability.

Axicon have been involved with barcode verification for over 30 years and pioneered the use of CCD imaging for verification. With time comes experience 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 solutions on the market.

Benefits

- ◆ ISO/ANSI/GS1 Verification Standards
- ◆ GS1, CIP & Turkish Pharma
- ◆ Data Content Checking
- ◆ Variable Aperture
- ◆ Features included to meet the requirements of 21CFR Part 11
- ◆ Automatic Recalibration Reminder



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SOFTWARE SPECIFICATIONS

Symbologies Verified:	DataMatrix (Using alternative software QR code, Aztec code, PDF417, Micro PDF, GS1-Databar, Pharmacode.) Software specifications below specifically relate to the use of the Axicon 12000 with DataMatrix codes
Application Standards:	GS1-DataMatrix, CIP-DataMatrix, Turkish Ministry of Health.
Analysis Performed on Relevant Symbologies:	Full ISO/ANSI Parameter Analysis (Symbol Contrast, Modulation, Reflectance Margin, Axial Non Uniformity, Grid Non-Uniformity, Decode, Unused Error Correction and Fixed Pattern Damage). Fixed Pattern Damage is then analysed by: Left L side, Bottom L side, Quiet Zone, Transition Ratios, Clock Tracks.
Diagnostics Windows:	Summary Screen, ISO Parameter Details Screen, Camera image, GS1-Data Content Checks, Codewords Screen.
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.
Configurable Options:	Application Identifier Checking, Display Colours, Password Control, Scan Averaging.
Error Messages:	By ISO parameter, also X Dimension, Bar Gain.
Plugins Available:	CIP-DataMatrix AI/Content checking, Turkish Ministry of Health-DataMatrix AI/Data Content Checking, GS1-DataMatrix AI/Data Content Checking.

HARDWARE SPECIFICATIONS

Scan area:	Model 12000 : 25mm x 18mm. (1.0" x 0.7") Model 12500 : 37mm x 25mm. (1.45" x 1.0")
Dimensions:	Base : 165mm x 177mm x 175mm high (Base: 6.5" x 7.0" x 6.9" high)
Weight:	1.6 kgs (3.52 lbs) - verifier excluding power supply unit
Construction:	Cast Aluminium
Interface:	USB2 (Note this verifier will not work with a USB1 Connection)
Power Consumption:	Current draw from USB2 port: Negligible (connection is for data transfer only) Power supply unit requires input 110c - 240vac 50/60 cycles Output 25W max. (Use only approved power supply - output 12v at 0.8A).
Nominal Measuring aperture	3 mil - The software can be set by the user to the required aperture either by aperture setting or by application settings.
Wavelength of Light:	660 nanometers

GENERAL INFORMATION

Print of Analysis:	A printed report can be produced on any connected windows printer
Standard Accessories:	Transit Case, Calibration Sheet, Start-up Guide, Software CD, Compliance Certificates.
System Requirements:	PC running a currently supported version of Windows with available USB2 port
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 15415 and 15426-2 standards. Has all the features necessary to meet the requirements of 21 CFR part 11. Warranty: 1 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.



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