

Axicon 7015-IP Barcode Verifiers

axicon

THE BARCODE EXPERTS

Axicon 7015-IP Barcode Verifiers

Product IP* Summary

As an extension to the range of very popular 7000 series verifiers Axicon now offer these with a choice of IP (Industrial Protection*) ratings.

The Axicon 7015-IP50 has an IP50 rating (protection against harmful dust particles).

The Axicon 7015-IP65 has an IP65 rating (totally sealed against all dust ingress and sealed against low pressure water spray from all directions).

The IP50 rating makes the 7015-IP50 ideal for use in dusty environments while the IP65 rated version is ideal for use where a higher level of protection is required - including use in hose-down areas such as in the food industry.

Product Verification Summary

Independently tested & certified to meet International Standards, the Axicon 7015-IP verifiers have been specifically designed for all barcodes where an 8, 10 or 20mil aperture is mandatory (such as GS1-128 and ITF-14), up to 185mm (7.28") width including quiet zones.

The simple to use design reduces user error risk and eliminates product damage whilst providing the highest level of accuracy achievable for verification.

The system consists of a state of the art CCD read head and application software. Our development program means that not only will your verifier will always meet the latest ISO/ANSI standards, but in addition also a wide range of application standards including GS1-128 & ITF-14.

Typical Application

Traded units including pallet/ SSCC barcodes whether printed on labels, cartons or shrink film including those printed by Ink-jet directly on to outer cases.



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
- ◆ Choice of either IP50 or IP65 Industrial Protection ratings
- ◆ AI Data Content Checker (For GS1-128 & GS1 DataBar)
- ◆ Multi Language User Interface
- ◆ Wide range of "plug-ins" for additional features.
- ◆ USB Connectivity
- ◆ Automatic Calibration Reminder



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SOFTWARE SPECIFICATIONS

Symbolologies Verified:	GS1 SYMBOLOLOGIES: EAN-8, EAN-13 (with or without add-ons), ITF-14/Case Code, GS1-DataBar (all symbolologies), GS1-128, UPC-A, UPC-E (with or without add-ons). (Subject to aperture size) OTHER SYMBOLOLOGIES: Code 39, Code 93, Code 128, Codabar, ITF, MSI Plessey, Pharmacode (Laetus: optional extra).
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 Symbolologies:	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:	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.
Configurable Options:	Audible Warnings, Calibration Expiry Warning, Changeable Pass / Fail and Warning Colours, Optional Check Digit Validation (Code 39, Codabar, ITF), File Saving, Multi-Scan Averaging, Pass Grade, Print Options, Window Sizes and Positions.
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) - plus many others
Additional Software:	Pharmacode (Laetus) - Decode and Analysis of Laetus Pharmacode (Chargeable optional extra) ScanDB - Reporting Tool transferring data from saved scans into a .csv file. RepGen - Configurable report generation tool.

HARDWARE SPECIFICATIONS

Dimensions:	215 x 125 x 95mm (8.4" X 4.9" x 3.7"), Scan Width - 185mm (7.28") including quiet zones
Weight:	1 Kg (35.2 Oz)
Construction:	Cast Aluminium and ABS plastic
Interface:	USB
Power Consumption:	Current draw 180mA - supplied from USB host.
Nominal Measuring aperture	8mil, 10mil 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 on any connected windows 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, Compliance Certificates.
System Requirements:	PC running a currently supported version of Windows.
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 15416 and 15426-1 standards. Has all the features necessary to meet the requirements of 21 CFR part 11. Warranty: 2 years parts and labour - return to bench. * IP ratings are controlled by BS-EN-60529. They can be otherwise described as "Ingress Protection" or "International Protection")

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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