

15000 series 1D/2D barcode verifier

axicon

THE BARCODE EXPERTS

Features

Verification for linear and 2D codes

Three different operating positions

ISO/IEC (ANSI) compliant verification

GS1 specifications

Direct part marking compatible

USB powered

Lightweight and portable

The 15000 series barcode verifiers are designed to read both linear and two-dimensional matrix barcodes simultaneously. All the symbols seen in their field of view are verified individually in accordance with the appropriate ISO/IEC standards. The software also includes the option to analyse captured images of direct part marked Data Matrix symbols according to the ISO/IEC 29158 standard for checking the quality of those marks.

The verifiers are designed to be used in three different positions so that even barcodes on awkwardly shaped objects can be easily read. They are powered solely via their USB connection to a PC or laptop, and the software runs on any Microsoft supported version of Windows.



Axicon 15200 barcode verifier

Higher resolution for the smallest codes

The field of view of 60mm x 45mm means that most retail point of sale linear barcodes can be verified as well as those used on small healthcare trade items.

60mm x 45mm field of view
Smallest x-dimension of 0.150 mm



Axicon 15500 barcode verifier

Largest field of view for handheld 1D/2D verification

The field of view - 95mm by 70mm - is the world's largest on a handheld linear and 2D barcode verifier. The size allows for even larger and multiple codes.

95mm x 70mm field of view
Smallest x-dimension of 0.200 mm



Symbologies verified



Plus: Code 39, Code 93, Code 128, Codabar, ITF, MSI Plessey and more...



Aperture reference

The software automatically identifies the symbology and its bar width (x-dimension) and adjusts the aperture size to comply with the symbology specifications and relevant ISO/IEC standard.

Free licence software

The verifier will analyse according to ISO/IEC 15415/15416 & 29158. Additional features of the software include Windows login security option, product lookup, audit log and job referencing.

In addition the software can also check applications such as:

GS1 Specifications

Russian crypto codes

French CIP codes

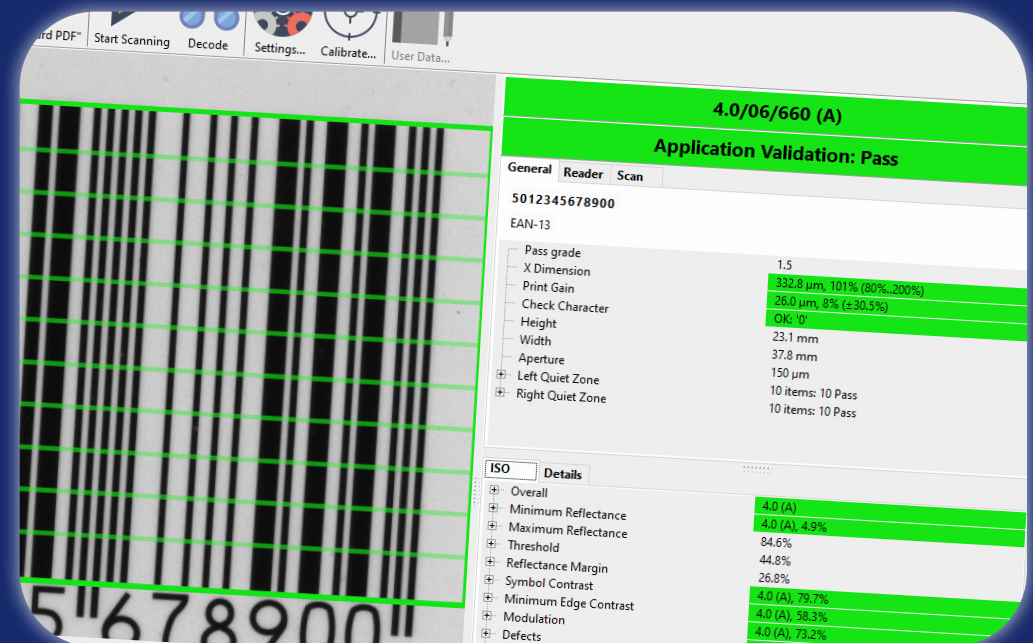
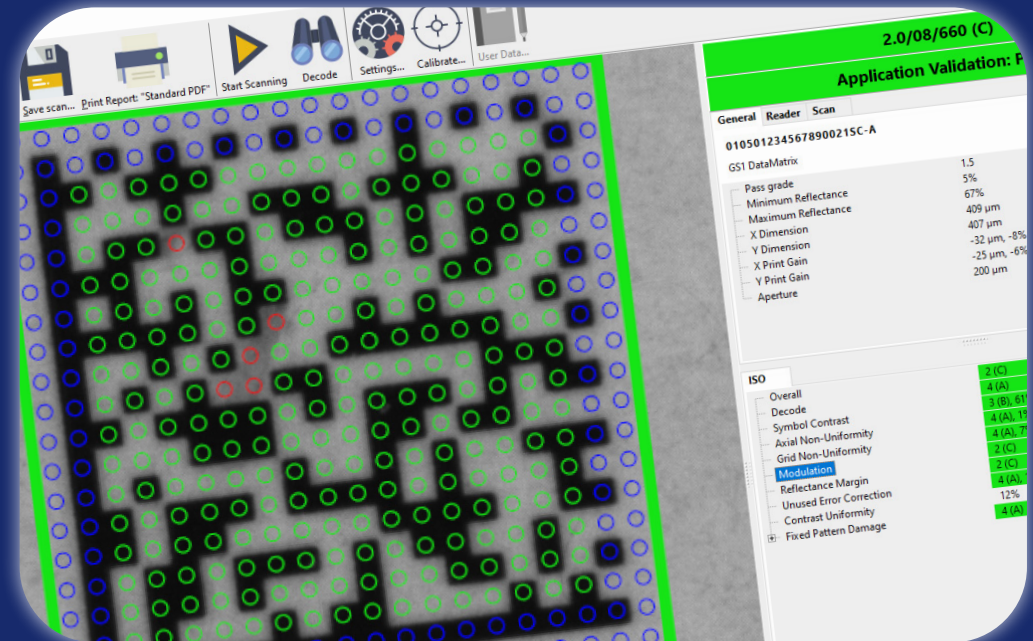
German PZN codes

MIL. Standard 130N

Turkish healthcare codes

Unique device identification (UDI)

And more....

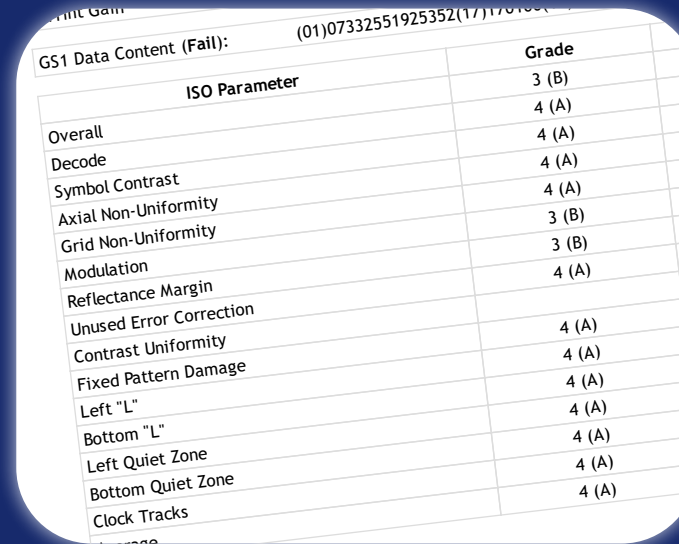


Reporting / Saving

Verification reports can be saved in various formats including:

PDF
HTML
CSV
TXT

Reports will include all ISO verification parameter grades in ISO/ANSI format.



ISO Parameter	Grade
Overall	3 (B)
Decode	4 (A)
Symbol Contrast	4 (A)
Axial Non-Uniformity	4 (A)
Grid Non-Uniformity	3 (B)
Modulation	3 (B)
Reflectance Margin	4 (A)
Unused Error Correction	4 (A)
Contrast Uniformity	4 (A)
Fixed Pattern Damage	4 (A)
Left "L"	4 (A)
Bottom "L"	4 (A)
Left Quiet Zone	4 (A)
Bottom Quiet Zone	4 (A)
Clock Tracks	4 (A)

21 CFR part 11



Auto saving of reports, user permission controls and audit trail features enable 21 CFR part 11 compliance.

IQ / OQ / PQ



Installation, operational and performance qualification available. Comprises documentation, results forms and performance test cards.



Software languages available

English

French (Français)

Spanish (Español)

Dutch (Nederlands)

Chinese (中文)
Simplified | Traditional

German (Deutsch)

Russian (русский)

Japanese (日本語)

Polish (Polski)

Italian (Italiano)

Korean (한국어)

Danish (Dansk)

Slovenian (Slovenščina)

Hardware specifications

Dimensions	205 x 195 x 141 mm (8"x 7.6" x 5.5")
Weight	1.28 Kg (45 oz)
Construction	Moulded housing, CMOS sensor, LED illumination
Power consumption	Current draw 360mA – supplied from USB host
Wavelength of light	660 nm (red)
Calibration	N.I.S.T. traceable calibration card with certificate included
Carry case	Supplied for transport and storage
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, FCC Part 15 and UKCA certified. RoHS compliant
Warranty	Two years parts and labour – return to bench.



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