



Axicon linear barcode verifiers **user guide**



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This document was made using: 2.4.0 version of the Axicon Linear Verifier Software for Windows.

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Important information

The Axicon verifier is a high precision opto-electronic device and should be handled carefully. Please keep and use the case to protect the verifier when it is not in use.

Only use power and data cables supplied by Axicon as the use of non-approved accessories will invalidate the warranty. If the verifier is dropped (or subjected to similar misuse) the accuracy of the results may be affected and it should be returned to Axicon immediately for servicing.

We recommend that the verifier is factory serviced annually to ensure that it remains compliant to ISO/IEC 15426-1. The unit should be returned to Axicon or to your approved Axicon reseller for this servicing.

Software updates are always available free of charge, and can be downloaded from our website, www.axicon.com



Introduction

What is in the case.

One or more of the following verifiers:

- Axicon 6100-S verifier with USB cable.
- Axicon 6500 series verifier with USB cable.
- Axicon 7100-S verifier with USB cable.
- Wallet containing this user guide and calibration card.

The Axicon verifier is designed to work with any PC running a version of Microsoft Windows currently supported by Microsoft.



Installation

Software installation.

The software is called Axicon PC verifier for linear barcodes, and the latest version will always be available to download from the Axicon website, www.axicon.com/ downloads. Once downloaded, click **Axiconlinearverifier.exe** and follow the installation instructions after agreeing to the licence terms and conditions.

At the **Custom setup** window, the boxes relating to **Drivers** and **Main Program** are automatically selected. It also provides for optional extra plugins (see page 7). After installation is completed you will find the **Axicon Verifier** directory in **Start Menu/Programs** and a shortcut to the program on your desktop.

The software on a CD is available on request.

Hardware installation

Plug the verifier into any available USB port on the computer. For Windows 7 and above, the drivers should be installed automatically.

Note: Please follow these installation instructions in the correct order, namely installing the software before the verifier is plugged into any USB port. If the verifier is plugged in before the software has been installed, Windows will attempt to find the



correct drivers for the verifier via the internet, and choose an incorrect option. This then causes problems as the software is unable to install the correct driver.

When you reach the **Custom setup** window you will see a selection of optional plugins. The **Drivers** and **Basic Plugins** are selected by default. If you require other plugins then simply select one or more of the **Extra**, **Utility**, **Analysis** or **Pharmaceutical** plugins.

The Axicon Linear Verifier software includes several programs that are installed automatically and which are not normally accessed by users. These are programs that enable different functions for particular applications. These include Choose Language, Inline Verifier, RepGen, Scan File Data Extractor, Verifier Help and Laetus Pharmacode software. You can access these via the Windows Start menu, and they are in the Axicon Verifier folder.

Choose Language, explained on page 26, allows you to change the default language of the software.

RepGen is used to create reports from sets of Axicon verifier scan files. Instead of looking at each scan file individually, you can choose to create one file that includes all the data that you want about each verification, and that can be added to as each verification takes place. Details about how you set up your report template are provided in the Help files of the main software.

Scan File Data Extractor is the precursor of RepGen, and is provided for backwards compatibility.

Verifier Help is all the help information that is normally accessed via the Help menu shown on the Command Window of the Axicon Linear Verifier software.

Laetus Pharmacode software used with the 6000 series verifiers (including the 6000W white light verifier) has been specifically designed to meet the requirements for verifying the Laetus Pharmacode within the pharmaceutical industry.



Holding the verifier

The Axicon verifiers are all designed to be used with the verifier positioned so that it touches the barcode, as shown in the pictures opposite.

Each verifier can be controlled via the software, and they also have a button to take a scan. The button on the 6100-S series is on top the read head. The 6500 has two buttons on the top. These have the same function so use whichever button is more convenient. The 7100-S has a single button on the top of the read head.

Wait for at least a minute after switching on the verifier (when the red LEDs will be illuminated) before using it. This allows the circuitry of the reader to stabilise.

It is important that the front flap of the 6500 series verifier is closed so that as much ambient light as possible is excluded from the verification process.

If the code you are verifying is printed around the circumference of a curved surface, the varying distance of the reader from the code may produce inconsistent results.

Press the trigger button. The reader will beep and the data from the first scan will be displayed in the software immediately. For full ISO/IEC verification you should scan the barcode ten times, moving through its height and avoiding the top 10% and bottom 10%.



The Axicon 6100-S is being placed flat onto the label with the barcode in the field of view. The 6100-S verifier cannot be used for symbols wider than 69mm, and this dimension includes the quiet zones.



The 6500 series can be operated either horizontally or vertically (on the side of a carton) but always in contact with the barcode. The 6500 series verifier cannot be used for symbols wider than 125mm, and this dimension includes the quiet zones.



The Axicon 7100-S is being placed flat onto the label with the barcode in the field of view. The 7100-S verifier cannot be used for symbols wider than 200mm, and this dimension includes the quiet zones.





Getting started

When you first start the software you will see the **Command** window and the **Summary** window.

Axicon Linear Verifier - Command Window	_		×
<u>F</u> ile <u>E</u> dit <u>V</u> iew <u>O</u> ptions <u>H</u> elp			
1 🗠 🖬 🐃 🚔 🚐 🎟 🖬 🐺 🖌 🐻 📟 🖏 🔅	C	🔺 🔳	\mathbf{k}
Display scan 0 🗧 of 10 🛨 Last scan 0 🗙 🐌 🤶 🗳			
Reader 5093 activated			//.

The Command window gives access to all of the main features of the verifier. Use the pull down menus or the icons to operate the software.



The **Summary** window shows the overall print quality of the barcode as measured in accordance with the ISO/IEC standards.

Summary		
	Average	This Scan
Grade		
Average Bar Gain (tolerance)		
W/N Ratio, X dim		
Check Character		
Structure		
Left Margin		
Right Margin		
Aperture		
Date & Time		
Reader Info		

Information is also given on the:

- bar gain (ink spread or bleed),
- the size of the x-dimension (the width of the narrowest bars)
- validation of the check digit
- structure
- the quiet zones (the clear spaces or light margins each side of the barcode)



Calibration

Calibration should be carried out after installation and at regular intervals. When the software detects an uncalibrated reader the following dialogue box will appear **Reader XXXX has not been calibrated**. You must click OK to continue. You will also need your calibration card which should be located in your documentation wallet.

For the Axicon 6100-S use the EAN-13 calibration code at the top of the card. For the Axicon 6500 series and 7100-S verifier use the large GS1-128 calibration code at the bottom of the card.

Calibration is a quick and simple process. Select **Calibrate** from the **Options** menu of the command window (or press F2). You will see a window with two edit boxes for minimum and maximum reflectance values. Ensure that the values shown in the window match the values printed at the bottom of the calibration card. Modify the figures on the window if necessary to ensure that they are the same as the card.

With the **Calibration** window open scan the calibration barcode 10 times. Then click the OK button. The verifier is now calibrated and ready to use. After calibration, store the calibration card in the documentation wallet, away from light and physical damage. If your



calibration card should ever become damaged or discoloured, please contact Axicon or your supplier for a replacement.



Software windows

There are five more windows you can open to look at the verification results. Go to the **View** menu on the **Command** window, and the select the window you want, or use the icons that appear just below the menu headings. If you hold your mouse over each icon a brief description of its function will appear at the bottom left of the Command window. The four most important windows are briefly described below.



Details

This window shows each of the ISO/IEC parameters that are measured and individually graded (as both grades and percentages). Seven parameters are graded and the lowest single grade becomes the overall grade for that scan. If the **Summary** window has shown poor print quality then the **Details** window is the ideal point to initially see what is wrong with the barcode.

Details					- 0	×
Code Encodation Scan						
0105053947729	97209128					
			Average	%	This scan	%
Overall Grade		OVERALL	B (3.3)		B (3.3)	
Min. Reflectance		RMin	A (4.0)	8.4%	A (4.0)	8.4%
Symbol Contrast		RMax		67.8%		67.8%
Min. Edge Contrast		Threshold		38.1%		38.1%
Modulation		Reflectance Margin		32.5%		32.5%
Defects		Symbol Contrast	B (3.3)	59.4%	B (3.3)	59.4%
Decodability		Edge Contrast	A (4.0)	42.6%	A (4.0)	42.6%
Decode		Modulation	A (4.0)	71.8%	A (4.0)	71.8%
		Defects	A (4.0)	2.3%	A (4.0)	2.3%
0	2 3 4	Decodability	A (4.0)	81.9%	A (4.0)	81.9%
 Grade Show average of scans C Show scan 1 of 3 		Decode	A (4.0)		A (4.0)	



Scan reflectance profile

The scan reflectance profile window shows you what the barcode will look like to a scanner. At the top of the graph are the higher levels of reflectance from the background and at the bottom of the graph are the lower levels of reflectance









Dimensional Analysis If the **Details** window has shown a poor **Decodability** grade then this is normally because of bad dimensional accuracy - this screen will show the accuracy of the bar/space dimensions and highlight any problem areas.



standards.

Pass / Fail This window is ideal for users who need a quick visual indication of whether the barcode meets the right print quality



GenSpec Symbology	Consumer or Traded unit
GTIN-12	214697004009
User Data	
	Pass
	1 435
	Grade C (2.0)
	Margins: OK
	To scan another code, press the 'Delete' key.

Rearranging the windows

Most of the windows described above can be moved, expanded or shrunk as required. When you have decided which windows you would like displayed on your PC just use the View pull-down menu and click on Save Positions. Then whenever the software is started it will always have those windows in those positions.

The help menu from the **command** window gives you access to context-sensitive help about the software. It also has a search function to find relevant information. The F1 key can also be used as a shortcut to switch on this help.



Continuous scan

The Axicon S range verifiers have a unique continuous scan feature. When first installed this feature is automatically activated on start-up (but can be de-activated if required) and allows the user to get an assessment of the barcode quality in a fraction of the time that it would take with other linear verifiers.

The verifier should be placed either just above or just below the barcode and the trigger pressed. With the trigger still pressed, move the verifier down the height of the barcode. The verifier will scan at the rate of 100 verifications a second until it reaches the bottom of the barcode (or gets to the maximum number of scans).

The verifier will automatically calculate an average of the results of all of the scans to provide an overall quality grade based upon an assessment across the scanned bar height.

When verifying barcodes on awkward shaped packaging you may find it easier to switch off the **Continuous scan** mode. This feature can be activated or de-activated as required with a toggle switch on the **Command** window.









Selecting the verifier

If you have more than one verifier plugged into your computer at the same time (for example a 6100-S and a 7100-S), you will need to choose which one you want to use. If the LEDs are not illuminated on the verifier you need, go

to the Options menu on the Command window, and then choose Show Reader Info (or use the shortcut F3).

H	Read	der Info								x
	List	Log	Info							
	57	\$	N	· 😿	· 💓	· 💓				
	C58D	(USB)	5093 (USB2)	COMO (Unknown)	COM1 (Unknown)	COM2 (Unknown)				
	8	*								
	CC (Upk	•••• M3 nown)								
		novvnj								
		Page la -	LintyGen	O Faurer		Hala 1	Y Cancel	1 h-1	unto 1	
Ē		-opy log		Chumera				Acti	Vale	
Ľ	Keader.E	numera	ate returns 2							

A new window, Reader info, will appear.

At the bottom you see the button **Enumerate**. Click on this and in a few moments all the connected verifiers will be displayed as small icons. The first four characters are the serial number of each verifier which is clearly marked on each one. Double click on the icon for the particular verifier you wish to activate.

Setup



All of the primary configuration of the verifier is done through the **Setup** section. From the Command window choose **Options** then **Setup** or press F5.

General

Setup		×
<u>G</u> eneral <u>C</u> heck Charac	cters Appearance Printing Logging Calibration Plugins Advanced	
Standards C ISO/IEC (C ANSI	Pass Grade ✓ Apply GS1 General Specifications Lowest Pass (Other Codes): C (1.5) ▼ ✓ Check GenSpec codes against pass grade	
Units C Metric C Imperial C Default	GS1 Scanning Environment: C General Retail/Hand Scanning Automatic C Fixed Scanners (General Distribution)	
		Cancel

Standards: Click on **ISO** if you want only the numeric ISO result to be shown - or click on **ANSI** if you would prefer to be shown both results. The default is to track the Windows settings for metric or imperial measurements - alternatively you can set this as required.

Pass Grade: If you are working with GS1 barcodes then the **Apply GS1 General Specifications** should remain ticked. The user can select the pass/fail grade for other barcode types as specified either by an industry application specification or by their customer.



Check Characters

This tab allows the user to select the barcode types that have optional check digits. If these are being used then the verifier can be set to validate them.

peral Check Characters Appearance Printing Logging Calibration Plugins Advanced	
Islan Zheek erkastete Appearance Finning Eugging Calibration Eugins Advanced	
Interleaved 2 of 5	
C Do not verify check digit	
Verify check digit	
C-4-20	
Lode 39	
C Do not verity check character	
Verify Modulo-43 check character	
Codabar	
O not verify check character	
C Verify check character	
	V UK
MSI Plessey	
MSI Plessey © Do not verify Mod-11 data check character	
MSI Plessey © Do not verify Mod-11 data check character © Verify Mod-11 data check character	🗙 Cance
MSI Plessey	🗙 Cance

Appearance

This tab can be used to adjust any display colours/shades for the pass, warning and fail messages - and can also be used to add Windows wave sounds to give an audible indication of quality.

Setup		×
General Check Characters Appearance Printing	Logging Calibration Plugins Advanced	
Colours Sounds	Fail	
Warn	Warn	
Pass	Pass	
Defaults Feep on Decode	Clear	
Custom Pass/Fail Display	Pass/Fail shows warnings in:	
Standard 👻	C Failure Colour	
Note: changes to this setting will not take effect until the program is restarted.	 i Warning Colour C Pass Colour 	V OK
$\overline{\boldsymbol{ all}}$ Fail margins on single infringement		? Help



Setup

Printing

This tab can be used to pre-select any particular reports that are required. This includes the option to have a personalised report generated through the built-in Report Generator. The verifier software can also be set to **Autoprint** to avoid forgetting to print a particular report.

den den della	Distante a la marca las a las al	
eneral <u>C</u> heck Characters <u>A</u> ppeara	ice P <u>r</u> inting Logging Cali <u>b</u> ration Plugins Advanced	
Print Command		
Custom Report via Replaen		
RepGen report template file:		
	Browse	
,	Output file extension:	
Printing options		Т
Auto Print		
Use Smaller Font		🧹 ок
🦳 Print graph in black & white		· ·
Report header:		¥ Cance
Barcode Verification Report		
,		

Tick **Print graph in black & white** if you are using a monochrome (black and white) printer, otherwise a scan reflectance profile will only show the outline and not the detail. Also, the standard printed report can be personalised if required using the **Report header**

feature.

Logging

The **Logging** tab is used to set the saving of records and to run pre-configured external programs from the verifier.

If the Enable box is ticked under the Auto Save Scan File section (at the top) then the software will auto save

Directory:		
C:\Users\xx\Documents\Saved Scans\		
Enable Use Number and Time as Filename Show "Save As" Dialogue	Select	
Saved File Log Command to run when files are saved:	Run Hidden Browse	
Command Parameters:		
%8		
Run when file is auto-saved Run for manually saved files	Configure RepGen	 Image: A start of the start of
Simple CSV File		
	Browse	×
Auto Save data to CSV		-

×

every scan file in the chosen directory.

Setun

The files saved through this process can be regarded as audit quality records of the verifications made and can also be used for remote diagnostics purposes. The files can be saved automatically with a filename comprising the decoded number, date and time and a sequential number, or by using a dialogue box.

Save File Log allows users to run any Windows program each time a file is saved. It is intended for use with RepGen or ScanDB, but could be used to perform any action on the saved file.

Simple CSV File allows a subset of the scan information to be automatically appended to the specified file in CSV format.

Calibration

The **Calibration** tab specifies the file and directory in which calibration data will be saved. This can be altered by clicking on the browse button and choosing the required directory and filename. If **Allow scans after calibration has expired** is not ticked, no scans will be allowed until the

Setup	×
General Check Characters Appearance Printing Logging Calibration Plugins Advanced	
Calibration File C. Program DataVaxicon/Verifier/Calibration LOG Expires after: 1	
, V Enforce	🗸 ок
	🗙 Cancel
	? <u>H</u> elp

verifier has been calibrated. Within the **Allowed Calibration Codes** is a list of the data content of barcodes with which calibration is permitted



Setup

Plugins

The **Plugins** tab allows the software to be tailored to industry specific or user specific features, such as running a product lookup database, validation of the structure of variable weight items, or identifying the formats of European pharmaceutical codes and a whole lot more.

Setup		×
General Check C	Characters Appearance Printing Logging Calibration Elugins Advanced	
AIA6_GTL AIA5_GTL AIDate BIanded 339actii 339act	Configure Enable All Disable All Plugin settings shared by all users Plugin buffer size: 1.024 - Plugin Test Code: Function 1 Symbology: Test Display	V ОК Сапсеl З Цеlp

An explanation of what each plugin does is on our website.



Advanced

There are several settings in the Advanced tab. If a barcode is such a poor quality that the verifier cannot decode it then there is an option to manually input the barcode under When barcode cannot be decoded. Use RepGen for CSV file save is ticked by default: this

<u>à</u> eneral <u>C</u> heck Characters <u>A</u> ppearance P <u>r</u> in	ting Logging Calibration Plugins Advanced	
When bar code cannot be decoded Image: Clear existing scan Show error dialog Enter data manually Default to last decoded scan Default Save File Name Append Date and Time ✓ Permit non-ASCII characters RepGen Image: Use RepGen for CSV file save Debug RepGen & saved file log	Miscellaneous Miscellaneous Show aperture warning dialog Minimum scans to average: 1 Automatically clear scans	V ОК Х Cancel У Цер

means that simple CSV file saving is performed using repgen.exe and the supplied template file **csv-template.txt**.

The **Password for Setup** allows password protection of the settings in the Setup dialogue. This is useful for ensuring features such as the Pass/Fail grade and file saving directories can only be altered by an authorised user. To apply a setup password, enter it in the **Password for Setup** box and click **OK**. You will be asked to re-enter the password you gave. Now, to alter the settings you must enter the same password into the **Password for Setup** again before you click OK.



Android app



An app that allows Axicon barcode verifiers to be used with either Android tablets or Android smartphones is now available from Google Play. Free to use, this app allows anyone with an Axicon 6000, 6500 or 7000 series verifier to use it with an Android device, and record the results as easily

as with a PC or laptop.

Most users will need to use a USB OTG (on the go) adapter for their device, and they will need to check which one they require to connect to the verifier.

Calibrate

Before any verification scans the verifier will need to be calibrated. Calibration is achieved in the same way as the PC software using the same calibration card.

Select the menu on the top right of the screen and then 'Calibration'. The message below will appear. Scan the relevant barcode (see page 11) three times and calibration will be complete.



Axicon Lin	ear Verifi	er READ	DER INFO	
	3.7/10/660 (A)			
	1 of 3	2 of 3	3 of 3	
F1 020505754	5715062151	803141010004	8395 <mark>F1</mark> 3770	
	Symbolog	y: GS1-128		
🛆 General				
Time:		12/05/2024 11:20:2	1	
X Dimension:		376 µm		
Gain:		0 μm (0%)		
Gain Tolerance:		±33%		
Aperture:		250 µm (10)		
Left Margin:		3 Pass, 0 Fail		
Right Margin:		3 Pass, 0 Fail		
Check Character:		Pass (89)		
🛆 ISO Parame	ters			
Overall:		3.7 (A)		
Minimum Reflecta	nce:	4.0 (A)	2.9%	
Maximum Reflecta	ince:		79.5%	
Threshold:			41.2%	
Reflectance Margin	n:		23.7%	
Symbol Contrast:		4.0 (A)	76.6%	
Minimum Edge Co	ntrast:	4.0 (A)	51.5%	
Modulation:		3.7 (A)	67.2%	
Decodability:		4.0 (A)	80.0%	
Content: (02)05057545715062(15)180314(10)100048395(37)70				
V Reader				

20505754571506215180314101000483953770-20240513-112921.scn

Clear Scans



The app software is based upon the Axicon PC verifier software, so the results of the verification are displayed equally clearly, with the ISO/IEC grade together with details of the individual parameters.

The screen shots below show the data content results displayed at the bottom for a GS1-128 barcode.

Swipe from right to left to view each scan. The average result is always shown first.

Axicon Linear Ve	rifier READE	R INFO	Axicon Linear Verifier READER I	NFO :
0.0/1	0/660 (F)		0.0/10/660 (F)	
Average 1 of 3	2 of 3	3 of 3	Average 1 of 3 2 of 3	3 of 3
F1 0105060	04451052615240613	}	F1 010506004451052615240613	
Symb	oloay: GS1-128		Symbology: GS1-128	
🛆 General			🛆 General	
Time:	04/07/2024 10:25:43		Time: 04/07/2024 10:25:43	
X Dimension:	607 µm		X Dimension: 607 μm	
Gain:	-109 µm (-18%)		Gain: -109 µm (-18%)	
Gain Tolerance:	±33%		Gain Tolerance: ±33%	
Aperture:	250 µm (10)		Aperture: 250 μm (10)	
Left Margin:	3 Pass, 0 Fail		Left Margin: 3 Pass, 0 Fail	
Right Margin:	3 Pass, 0 Fail		Right Margin: 3 Pass, 0 Fail	
Check Character:	Pass (47)		Check Character: Pass (47)	
🛆 ISO Parameters			ISO Parameters	
Overall:	0.0 (F)			
Minimum Reflectance:	4.0 (A)	21.0%	▲ Data Contont: (01)05060044510526(15)2406	12
Maximum Reflectance:		93.4%	Data content. (01)05000044510520(15)2400	15
Threshold:		57.2%		
Reflectance Margin:		3.9%	(01)05060044510526 (15)24061	
Symbol Contrast:	4.0 (A)	72.3%	Part Defers Date (MANADD) [-0+c]	
Minimum Edge Contrast:	4.0 (A)	31.8%	Best Before Date (YYMMDD) [n2+n6]	
Modulation:	1.4 (D)	44.0%	2024-06-13	
Decodability:	0.8 (D)	41.7%	Lining pageod data	
Defects:	0.0 (F)	35.1%	Using passed date	
Decode:	1.3 (D)		AI (15) must be processed together with AI: GTIN or ITIP	
🔽 Data Content: (01)050	060044510526(15)24	0613		
🔽 Reader			V Reader	
Scan set is full, (save and) clear exist	ing data to scan again!		Scan set is full, (save and) clear existing data to scan again!	
		Clear Scans	Cl	ear Scans



Android app

Menu

The 3 dot icon on the right hand side of the app will display the following menu. 'Load Scan' is where any previous scans can be viewed and 'Save Scan' is where individual scans can be saved. 'Print Report' can be used to save the verification report to PDF. The menu is also where you can view the 'Encodation' of the barcode.

'Show Profile' option is where you can view the scan reflectance profile of the verification scan like on the PC software (see page 12).

'Clear Scans' option clears the existing scan; this option is also at the bottom of the main screen. For settings menu please see next page (page 25). 'About' displays information about the Android app build details.





Settings

Settings includes these two options, 'General Application Configuration' and 'Calibration Configuration'.

General is where you can set number of scans (scan set size), minimum pass grade and enable auto save. (The saved scan files records can be transferred to a PC and form the basis of any quality control system.) The volume button can be used as a trigger and the measurements changed to display imperial units.

Calibration is where changes to the minimum and maximum reflection values can be made to match the calibration card and change the calibration expiry date.

Scan set size 3		Minimum reflectance
Pass grade (ISO) 1.5 (C)		Maximum reflectance 88%
Enable autosave Save to a new scanfile when set is complete		Calibration expires after (days)
Enable volume button triggers Make scans by pressing the physical volume up/down buttons	•	
Use imperial units Display physical dimensions in inches		



Changing the language

The Axicon Linear Verifier (ALV) software will automatically use the computer's local Window system's locale to determine the language that will be used. If you want to change this language, go the Windows start menu (by clicking on the Windows logo in the task bar), and find the 'Choose Language' software option within the Axicon

verifier heading. You do not need to open the Axicon Linear Verifier software to do this.

Click on 'verifier. exe' in the central panel, and then choose the language you require from the list that appears on the right.

Once you have chosen the language you require, click on Set, then close this window. Now start the ALV software and you will see that the change has been made. If you want to see

🤣 Language Selection Utility		
Directory C:\ Program Files (x86) Axicon Verifier Drivers	Programs	Available Languages
	Verifier.exe 💌	Set Default Original About
C:\\Axicon\Verifier		Default Windows locale: English (United Kingdom)

🔊 Language Selection Utility		- 🗆 X
Directory → C:\ → Program Files (x86) → Axicon → Verifier → Drivers	Programs	Available Languages Chinese (Simplified, China) Chinese (Traditional, Taiwan) Czech (Zeechia) Danish (Denmark) German (Germany) Spanish (Dpain, International Sor French (France) Italian (Italy) Japanese (Japan) Korean (Korea) Set Default Original About
C:\\Axicon\Verifier	Language for verifier.exe: French (France)	Default Windows locale: English (United Kingdom)
"FRA" read from "C:\Program File	s (x86)\Axicon\Verifier\verifier.exe'	" //

the software in English, you will need to click on the 'Default' button beneath the right-hand panel listing all the language options. Then close this window and restart the ALV software.



Software licence agreement

This software is Copyright © Axicon Auto ID Limited

Use of the software is subject to the Axicon software licence terms set out below. Using the software indicates your acceptance of these licence terms. If you do not accept these within 14 days, you may return the entire unused product for a full refund.

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DISCLAIMER

In the following the expression "verifier" means the verifier hardware and the associated software.

We have taken care to ensure that this verifier is free from defects. However since we have no control over the circumstances in which you might use it you must satisfy yourself that it is suitable for your needs. Neither Axicon Auto ID Limited nor the vendor of this verifier can accept any liability for any loss or damage (consequential or otherwise) which may be caused by its use.

If the verifier or any part of it is defective in any way, or in some other way does not meet your expectations, the liability of Axicon Auto ID Limited is limited to the cost of the product. You should bear this limitation in mind if you use this verifier in any situations where the acceptance or rejection of shipments of goods or your reputation may depend upon the quality of a barcode.

Warranty

All Axicon products covered by this documentation (Axicon 6000, 6500 and 7000 series verifiers) are sold with a two year parts and labour warranty against manufacturing defects. This is a return to bench warranty with shipping costs in one direction being borne by the customer/distributor.

Should you need to return the unit to Axicon the original case (plus appropriate packaging) must be used. If the equipment is returned without the original case, we will automatically charge an additional sum for its replacement.

Axicon's standard repair turnaround time is 7-10 working days. This standard warranty does not include the provision of a loan unit. Loan units can be supplied on request.

Axicon reserves the right to charge an inspection fee for any equipment returned under warranty for which no fault is found. Please contact us to obtain an RMA number before returning any equipment. This number must be quoted on all documentation. We cannot accept responsibility for equipment returned without an RMA number.



Maintenance agreement

A service contract may be purchased within 30 days from the date of despatch. This allows you to return your verifier back to us at no extra cost for its annual VCAS (verifier conformance and alignment service) so that you can be sure it still measures barcode quality in accordance with the requirements of ISO/IEC 15426-1.

The service contract will also extend the warranty beyond two years, so that if it breaks down, all parts and labour will be provided free of any extra charges. The only exception is when the verifier has been misused, in which case labour costs will be covered, but not those of the parts.

Annual service

All verifiers need servicing every year to ensure that they measure barcode quality in accordance with the relevant ISO/IEC standards. This verifier conformance and alignment service (VCAS) ensures that the verifier is internally dust-free, checks that it is focused correctly, and adjusts the hardware to account for any change in the brightness of the LEDs used to illuminate the barcodes.

This annual service is not the same as user calibration, as it looks at the output of the LEDs and corrects for any variance in their evenness of illumination across the whole field of view. Over time the LEDs will fade but they will not fade uniformly. User calibration ensures that the verifier is measuring the darkest and brightest reflectances correctly but it cannot correct for any variance in the illumination.

After your verifier has been serviced, we will return it you with a new calibration card, a new user guide and a new certificate of ISO/IEC conformance. You will then need to calibrate the verifier before you use it again. The latest software can always be downloaded free of charge from our website, www.axicon.com.

e-Cert

Returning a verifier to us for this annual VCAS (verifier conformance and alignment service) is sometimes difficult, yet the verifier may still be operating within its expected tolerances, and could be re-certified as being conformant to the ISO/IEC standards for barcodes and barcode verifiers. Using eCert provides you with the reassurance that the barcode verifier is working correctly without having to return it to us.

We supply a set of specially produced barcode test cards, a new calibration card, and instructions about how to use them and upload the results to an Axicon web platform. Axicon's technical staff will assess the results, and if the verifier passes we will supply you with a new certificate of conformance that lasts for one year.





Contact us

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