

IDAutomation Code 39 Font Advantage User Manual

In the "Sample" version of these fonts, an intermittent "DEMO" watermark will appear at the top of the barcode, which may sometimes cause scanner read errors. A successful scan can be obtained for testing purposes by scanning the lower portion of the barcode that does not contain the watermark. All sample fonts contain the letter "S" in the font name.

To order the complete font package: <http://www.idautomation.com/barcode-fonts/code-39/>

IDAutomation provides two separate Windows installations within this font package. Both may be installed without conflicts. For information about the differences, refer to the PDF titled [How to Choose which Font Package to Install](#).

The asterisk "*" or the exclamation character "!" must be included before and after the data in each barcode symbol. This is referred to as the Start/Stop character. For example, to create a barcode that encodes the data "1234" with the Code 39 Font: (1) type the start character, which is "*"; (2) type the data, which is "1234"; (3) type the stop character, which is "*"; and (4) select only *1234* and change the font for that text to IDAutomationHC39S. The parentheses () may be used instead of "!" or "*" as the start/stop character to eliminate the "*" from appearing in the human readable version of the fonts. IDAutomation offers over 30 royalty-free [font encoders, macros and plugins](#) that automate the encoding process in a variety of applications and development environments. Code 39 barcodes may also be dynamically generated from a calculated field in a text box with a [calculated field formula](#).

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IDAutomation barcode fonts use short names for several reasons, including cross-platform compatibility. Below is a description of the font identification letters that make up the font name. For example, IDAutomationYHC39S is a symbol encoded, human readable, Code 39 font with a short height.

Identifier	Description
H	Indicates this is a "human readable" font which generates a text interpretation below the barcode.
Y	Indicates a symbol encoded font which generates the space symbol without a substitution character. This font may also change the font selection preview to allow the font to appear in its own name. Symbol fonts are compatible with most applications; however, they have been known to cause cross-platform and embedding issues. If problems are experienced, install the standard package instead.
X	Indicates an Extended Code 39 Font which supports easy encoding of lowercase characters.
C39	The symbology identifier determines the type of barcode generated.
S,M,L	The last characters in the font name after the symbology identifier determine the height of the barcode with the shortest being "XS" and the tallest being "XXL". XXL fonts are not available in OpenType OTF format because of a height limitation within this font type.
S	An "S" directly after "IDAutomation" in the font name indicates a sample or demo version of the font.

IDAutomation fonts are specifically designed to survive multiple generations of degradation, even when using low resolution and thermal printers. When using a printer with less than 600 dpi, the following point sizes should be used:

203 dpi (thermal printers)	300 dpi
6, 12, 18, 24, 30, 36...	4, 8, 12, 16, 20, 24, 28, 32, 36...