

EAN-13

The EAN-13 type Bar Code Symbology consists of the standard EAN 13 digit Bar Code with support for a further optional 2 or 5 Add-On digits where required. The EAN-13 type Bar Code Symbology can be used within the retail or POS applications and is not recommended for use with Traded units.

The usual size of this bar code symbology consists of 13 numeric digits. Although the text appearing below the Bar Code image reflects the data that has been entered, the actual image is based on data after it has been validated. For certain special applications, this symbology accepts further 2 or 5 digit add-on codes.

The decoder relies on the following string of characters prefixed to the data message:

Identifier:]
 Symbology: E
 Modifier: 0 - EAN 13 Digits No Add On
 1 - AddOn 2 Digits Only
 2 - AddOn 5 Digits Only
 3 - AddOn 2 or 5 Digits Only

For further information on EAN (European Article Numbering Association) please contact EAN at Rue des Colonies 54, Kolonienstraat, Bruxelles 1000, Brussels, Belgium.

For further information on AIM (Automatic Identification Manufacturers Inc) please contact AIM at 1326 Freepoint Road, Pittsburgh, PA 15238 USA.

EAN-8

The EAN-8 type Bar Code Symbology consists of the shortened EAN 8 digit Bar Code and is used in special circumstances where the EAN-13 Bar Code cannot be used. The EAN-8 type Bar Code Symbology is intended for use within specific retail or POS applications and should not be used for Traded units.

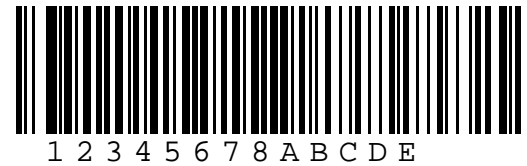
The usual size of this bar code symbology consists of 8 numeric digits. Although the text appearing below the Bar Code image reflects the data that has been entered, the actual image is based on data after it has been validated.

The decoder relies on the following string of characters prefixed to the data message:

Identifier:]
 Symbology: E
 Modifier: 4 - EAN 8 Digits No Add On

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EAN-128

The EAN-128 type Bar Code Symbology provides greater flexibility than the EAN-13 bar code through supporting a larger number of digits as well as alphanumeric and special characters. The uses for the EAN-128 Bar Code are widespread throughout different industries and the use of special Application Identifiers offers further possibilities for standardized automation.

The usual size of this bar code symbology depends on the number of numeric digits that are included. It is not recommended to have greater than 25 digits in one Bar Code graphic. Although the text appearing below the Bar Code image reflects the data that has been entered, the actual image is based on data after it has been validated.

The decoder relies on the following string of characters prefixed to the data message:

Identifier:]
 Symbology: C
 Modifier: 1 - EAN128 With FUNC1 In Pos 1

For further information on EAN (European Article Numbering Association) please contact EAN at Rue des Colonies 54, Kolonienstraat, Bruxelles 1000, Brussels, Belgium.

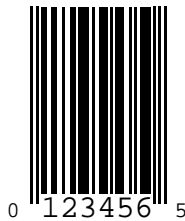
For further information on AIM (Automatic Identification Manufacturers Inc) please contact AIM at 1326 Freepoint Road, Pittsburgh, PA 15238 USA.

UPC-A

The UPC-A type Bar Code Symbology consists of the standard UPC 12 digit Bar Code with support for a further optional 2 or 5 Add-On digits where required. The UPC-A type Bar Code Symbology can be used within the retail or POS applications and is not recommended for use with Traded units.

The usual size of this bar code symbology consists of 12 numeric digits. Although the text appearing below the Bar Code image reflects the data that has been entered, the actual image is based on data after it has been validated. For certain special applications, this symbology accepts further 2 or 5 digit add-on codes.

For further information on UPC (Universal Product Codes) or EAN (European Article Numbering Association) please contact EAN at Rue des Colonies 54, Kolonienstraat, Bruxelles 1000, Brussels, Belgium.

UPC-E

The UPC-E type Bar Code Symbology consists of the shortened UPC 6 digit Bar Code and is used in special circumstances where the UPC-A Bar Code cannot be used. The UPC-E type Bar Code Symbology is intended for use within specific retail or POS applications and should not be used for Traded units.

The usual size of this bar code symbology consists of 6 numeric digits. Although the text appearing below the Bar Code image reflects the data that has been entered, the actual image is based on data after it has been validated.

For further information on UPC (Universal Product Codes) or EAN (European Article Numbering Association) please contact EAN at Rue des Colonies 54, Kolonienstraat, Bruxelles 1000, Brussels, Belgium.

Code-39

The Code-39 type Bar Code Symbology provides alpha-numeric Bar Codes where text strings are to be represented in Bar Code format.

The usual size of this bar code symbology depends on the number of alphabetical and numeric digits that are included. It is not recommended to have greater than 25 digits in one Bar Code graphic. Although the text appearing

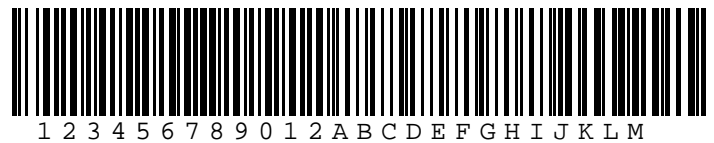
below the Bar Code image reflects the data that has been entered, the actual image is based on data after it has been validated.

The decoder relies on the following string of characters prefixed to the data message:

Identifier:]
Symbology:	A
Modifier:	0 - No Check Character Or Full ASCII
	1 - Mod 43 Checked
	2 - Mod 43 Checked And Stripped
	4 - Full ASCII Converted

For further information on UCC (Uniform Code Council) please contact UCC at 7051 Corporate Way, Suite 201, Dayton, OH 45459-4924 USA.

For further information on AIM (Automatic Identification Manufacturers Inc) please contact AIM at 1326 Freepoint Road, Pittsburgh, PA 15238 USA.

Code-128

The Code-128 type Bar Code Symbology provides greater flexibility than the Code-39 bar code through supporting a larger number of digits as well as alpha-numeric and special characters. The uses for the Code-128 Bar Code are widespread throughout different industries.

The usual size of this bar code symbology depends on the number of numeric digits that are included. It is not recommended to have greater than 25 digits in one Bar Code graphic. Although the text appearing below the Bar Code image reflects the data that has been entered, the actual image is based on data after it has been validated.

The decoder relies on the following string of characters prefixed to the data message:

Identifier:]
Symbology:	C
Modifier:	2 - Code128 With FUNC1 In Pos 2

For further information on UCC (Uniform Code Council) please contact UCC at 7051 Corporate Way, Suite 201, Dayton, OH 45459-4924 USA.

For further information on AIM (Automatic Identification Manufacturers Inc) please contact AIM at 1326 Freepoint Road, Pittsburgh, PA 15238 USA.

Code-93

123456789012ABCDEFGHIJKLM

The Code-93 type Bar Code Symbology provides alphanumeric Bar Codes where text strings are to be represented in Bar Code format. The Code-93 Symbology was developed to respond to certain ambiguities within the Code-39 Symbology when used in full ASCII mode.

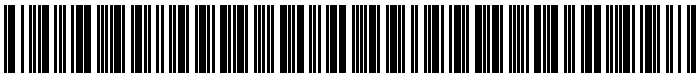
The usual size of this bar code symbology depends on the number of alphabetical and numeric digits that are included. It is not recommended to have greater than 25 digits in one Bar Code graphic. Although the text appearing below the Bar Code image reflects the data that has been entered, the actual image is based on data after it has been validated.

The decoder relies on the following string of characters prefixed to the data message:

Identifier:]
Symbology: G
Modifier: 0 - No Modifiers

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For further information on AIM (Automatic Identification Manufacturers Inc) please contact AIM at 1326 Freeport Road, Pittsburgh, PA 15238 USA.

Codabar

a1234567890123456789012345b

The Codabar type Bar Code Symbology provides a numeric Bar Code with certain additional characters which are often used with numbers that are to be represented in Bar Code format.

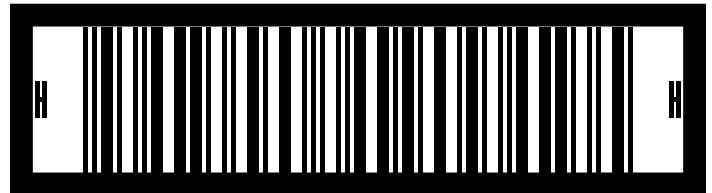
The usual size of this bar code symbology depends on the number of alphabetical and numeric digits that are included. It is not recommended to have greater than 25 digits in one Bar Code graphic. Although the text appearing below the Bar Code image reflects the data that has been entered, the actual image is based on data after it has been validated.

The decoder relies on the following string of characters prefixed to the data message:

Identifier:]
Symbology: F
Modifier: 0 - No Modifiers

For further information on UCC (Uniform Code Council) please contact UCC at 7051 Corporate Way, Suite 201, Dayton, OH 45459-4924 USA.

For further information on AIM (Automatic Identification Manufacturers Inc) please contact AIM at 1326 Freeport Road, Pittsburgh, PA 15238 USA.

ITF (Interleaved 2 of 5)

1 2 3 4 5 6 7 8 9 0 1 2 3 4

The ITF (Interleaved Two of Five) type Bar Code Symbology consists of the standard 14 digit Bar Code. The ITF Bar Code Symbology is intended for use with Traded Units and is not recommended for retail or POS applications.

The usual size of this bar code symbology consists of 14 numeric digits. Although the text appearing below the Bar Code image reflects the data that has been entered, the actual image is based on data after it has been validated.

The decoder relies on the following string of characters prefixed to the data message:

Identifier:]
Symbology: I
Modifier: 0 - No Check Digit
1 - Check Digit Checked
2 - Check Digit Stripped

For further information on EAN (European Article Numbering Association) please contact EAN at Rue des Colonies 54, Kolonienstraat, Bruxelles 1000, Brussels, Belgium.

For further information on AIM (Automatic Identification Manufacturers Inc) please contact AIM at 1326 Freeport Road, Pittsburgh, PA 15238 USA.

ISSN

9 771234 567898 01 >

The ISSN type Bar Code is a variant of the EAN-13 Bar

Code representing the International Standard Serial Number for use with serial publications.

The usual size of this bar code symbology consists of 11 numeric digits. The first 7 digits are the ISSN number minus its check digit. The next 2 digits are the special indicators. The last two digits are the week number:

ISSN Number: SSSSSSS
 Price Indicator: P (PP for Weekly items)
 Day Indicator: D (Not used for Weekly items)
 Week Number WW

The final data is coerced into a 13 digit number with 2 add-on digits for compatibility with the EAN-13 symbology. Although the text appearing below the Bar Code image reflects the data that has been entered, the actual image is based on data after it has been validated.

For further information on ISSN (International Standard Serial Number) please contact ISBN at 245 West 17th Street, New York, NY 10011 USA.

ISBN

The ISBN type Bar Code is a variant of the EAN-13 Bar Code representing the International Standard Book Number for use with non-serial publications.

The usual size of this bar code symbology consists of 10 numeric digits which is coerced into a 13 digit number for compatibility with the EAN-13 symbology. Although the text appearing below the Bar Code image reflects the data that has been entered, the actual image is based on data after it has been validated.

For further information on ISBN (International Standard Book Number) please contact ISBN at 245 West 17th Street, New York, NY 10011 USA.

PostNet

The PostNet type Bar Code consists of the United States Postal Service Bar Coding symbology for marking bulk postal items to enable automated sorting. The 5 digit, 9 digit and 11 digit Zip Code formats are supported.

The usual size of this bar code symbology consists of either 5 or 9 numeric digits. Although the text appearing

below the Bar Code image reflects the data that has been entered, the actual image is based on data after it has been validated.

Pharmacode

The Pharmacode type Bar Code Symbology provides a numeric Bar Code originally intended for use primarily within the pharmaceutical industry.

The usual size of this bar code symbology depends on the number of numeric digits that are included. It is not recommended to have more than 4 numeric digits in one Pharmacode Bar Code graphic. Although the text appearing below the Bar Code image reflects the data that has been entered, the actual image is based on data after it has been validated.

MSI

The MSI type Bar Code Symbology provides a numeric Bar Code often known as the Modified Plessey Symbology.

The usual size of this bar code symbology depends on the number of numeric digits that are included. It is not recommended to have more than 20 numeric digits in one MSI Bar Code graphic. Although the text appearing below the Bar Code image reflects the data that has been entered, the actual image is based on data after it has been validated.