

| Barcode properties | | HTTP Parameters | Default | Comments |
|---------------------------|-----------------|-----------------|-----------------------|---|
| UPC-A specific properties | SymbologyType | symbology-type | SymbologyType.Code128 | <p>The symbology or the barcode type. To create UPC-A barcode, change the default value to one of the below values:</p> <ul style="list-style-type: none"> • SymbologyType.UPCA (36), • SymbologyType.UPCA_2 (37), • SymbologyType.UPCA_5 (38) |
| | CodeText | code-text | "" | <p>This is the property that is used to encode the data message into the barcode</p> <ul style="list-style-type: none"> • Valid character set: any number of 0-9 • Valid data length: 11 data digits, excluding the 1 check digit |
| | EnableChecksum | enable-checksum | true | <p>UPC-A symbology uses 1 checksum digit and KeepDynamic's barcode generator always add the check digit to UPC-A barcode automatically. The property of EnableChecksum can not be disabled to UPC-A</p> |
| | SupplementData | supplement-data | "none" | <p>The 2-Digit supplement (EAN2) and 5-Digit supplement (EAN5) to UPC barcode. To add the EAN2 or EAN5 to UPC-A, set the symbology type as</p> <ul style="list-style-type: none"> • SymbologyType.UPCA_2, • SymbologyType.UPCA_5 |
| | SupplementSpace | supplement | 15 | Barcode supplementary space |

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| | ace | nt-space | | between main barcode and supplement barcode. only valid for EAN-8, EAN-13, UPC-A, UPC-E, ISBN, ISSN |
| Symbology properties | X | x | 2 | <p>The width of narrow bars and the default value of X is 2 pixels.</p> <p>You can increase the value of X to enhance the readability of the barcode if the barcode scanners could not read stably the barcode which is set as the default value in X dimension.</p> |
| | Y | y | 75 | <p>Height of a barcode module</p> <p>The default bar height value is 75 pixels</p> |
| | Resolution | resolution | 72 | <p>This property set the resolution in DPI of a barcode image to be drawn, and the default value that is set to printer is 72 pixels. You can adjust the value to get a custom resolution barcode image.</p> |
| | GraphicsUnit | graphics-unit | GraphicsUnit.Pixel | <p>This is the barcode graphic measurements for all size related settings. There are three type of measurements:</p> <ul style="list-style-type: none"> • 0: pixel; • 1: cm; • 2: inch. <p>The default value is pixel</p> |
| | Rotate | rotate | 0 | <p>The Rotate property allows you changing the angle of a barcode. The valid values are:</p> <ul style="list-style-type: none"> • Rotate0: do not rotate the barcode • Rotate90: rotate the |

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| | | | | barcode 90 degrees clockwise <ul style="list-style-type: none"> • Rotate180: rotate the barcode 180 degrees clockwise • Rotate270: rotate the barcode 270 degrees clockwise |
| | DisplayCodeText | display-code-text | true | The default value is true, which makes the encoded data message human readable. Otherwise the data message text will not be displayed on the barcode image |
| | CodeTextFont | code-text-font | "Arial", Font.PLAIN, 11 | CodeTextFont property is used for changing the font style of data message text that can be read by human eyes. |
| Image properties | Format | format | ImageFormat.Png | This is a method that is used for exporting barcode to different type of image formats. It allows developers generate barcode in formats like JPEG/JPG, BMP, GIF, and PNG. The default method is ImageFormat.Png. Image format type. Using System.Drawing.Imaging.ImageFormat |
| | LeftMargin | left-margin | 0 | The property to set the distance between the symbol and the left margin of a barcode image. |
| | RightMargin | right-margin | 0 | The property to set the distance between the symbol and the right margin of a barcode image. |
| | TopMargin | top-margin | 0 | The property to customize the space between the symbol and the top margin on a barcode image |

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| | BottomMargin | bottom-margin | 0 | The property to change the space between the symbol and the bottom margin on a barcode image |