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1 Introduction

To install the package put the three files in a place, where T_EX will search for the files:

<i>name</i>	<i>target dir</i>
pst-barcode.tex	\$LOCALTEXMF/tex/generic/pstricks/
pst-barcode.sty	\$LOCALTEXMF/tex/latex/pstricks/
pst-barcode.pro	\$LOCALTEXMF/dvips/pstricks/
barcode.tex	\$LOCALTEXMF/doc/pstricks/
barcode.pdf	\$LOCALTEXMF/doc/pstricks/

There is only one macro `\psbarcode` with the usual PSTricks syntax

`\psbarcode[<TEX options>]{<PS options>}{<bar type>}`

Important is the fact, that the barcode is printed in a box of zero dimension. If you want to save some space in your text, use the `pspicture` environment or the `\makebox` macro.

2 The options

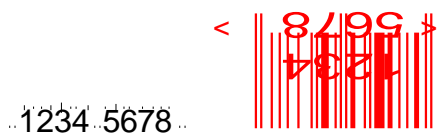
2.1 The T_EX options

<i>name</i>	<i>default</i>	<i>remarks</i>
transx	0	horizontal shift
transy	0	vertical shift
scalex	1	horizontal scaling
scaley	1	vertical scaling
rotate	0	rotating angle in degrees

2.2 The PostScript options

<i>name</i>	<i>default</i>	<i>remarks</i>
height	1	dimension is inch
textsize	10	dimension is pt
textpos	-2	dimension is pt; it is the shift for additional code text
inkspread	0.15	dimension is pt
showborder	-	-
borderwidth	0.5	dimension in pt
borderleft	10	dimension in pt
borderright	10	dimension in pt
bordertop	1	dimension in pt
borderbottom	1	dimension in pt
borderwidth	0.5	dimension in pt
width	0.5	dimension in inch
font	-	must be a PostScript font
includetext	/Helvetica	enable human readable text
includecheck	-	enable check digit
includecheckintext	-	check digit visible in text
	-	

2.3 Examples for the TeX options



```

1 \begin{pspicture}(3.5,1.2in)
2   \psbarcode{          }{\includetext}{ean8}
3 \end{pspicture}
4 \begin{pspicture}(-2,-1.5)(0.5,0.2in)
5   \psbarcode[rotate=180,linecolor=red]{          }{\includetext guardwhitespace height=0.6}{ean8}
6 \end{pspicture}
7 \begin{pspicture}(3.5,1.2in)
8   \psbarcode[scalex=1.5,scaley=0.5,transy=20]{          }{\includetext inkspread=0.5}{ean8}
9 \end{pspicture}

```

2.4 Examples for the PostScript options

< ..1234.5678.. > < .. | | .. > ..1234.5678.. ..1234.5678..

```

1 \begin{pspicture}(3.5,1.2in)
2 \psbarcode{           }{{includetext guardwhitespace height=0.6}{ean8}
3 \end{pspicture}
4 \begin{pspicture}(3.5,1.2in)
5 \psbarcode{           }{{textsize=15 includetext guardwhitespace height=0.6}{ean8}
6 \end{pspicture}
7 \begin{pspicture}(3.5,1.2in)
8 \psbarcode{           }{{includetext inkspread=0.5}{ean8}
9 \end{pspicture}
10 \begin{pspicture}(3.5,1.2in)
11 \psbarcode{           }{{includetext textpos=0}{ean8}
12 \end{pspicture}

```

< ..1234.5678.. > < .. | | .. >

```

1 \begin{pspicture}(3.5,1.2in)
2 \psbarcode{           }{{includetext guardwhitespace}{ean8}
3 \end{pspicture}
4 \begin{pspicture}(3.5,1.2in)
5 \psbarcode{           }{{textsize=15 includetext guardwhitespace width=2}{ean8}
6 \end{pspicture}

```

3 Possible barcodes

The following section shows the symbologies that are supported by the encoders, including the available features for each. This list may not be up-to-date. If it does not contain any of the formats or features that you require then check the project source code or try the support mailing list.

3.1 EAN-13

Characters

Data 12 or 13 digits

Options

Option	Feature
<code>includetext</code>	Enable human readable text

Notes If just 12 digits are entered then the check digit is calculated automatically

```
1 \begin{pspicture}(3,1.2in)
2 \psbarcode[scalex=0.8,scaley=0.8]{9781860742712}{includetext
   guardwhitespace}{ean13}
3 \end{pspicture}
```

9 781860 742712 >

3.2 EAN-8

Characters

Data 8 digits

Options

Option	Feature
<code>includetext</code>	Enable human readable text



```
1 \begin{pspicture}(-2,-1.2)(0,0.2in)
2 \psbarcode[rotate=180,linecolor=red]{      }{includetext
   guardwhitespace height=0.6}{ean8}
3 \end{pspicture}
```

3.3 UPC-A

Characters

Data 11 or 12 digits

Options

Option	Feature
<code>includetext</code>	Enable human readable text

Notes If just 11 digits are entered then the check digit is calculated automatically

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