

Convert a zpl code to a viewable file by using a network Zebra printer.

```
c:\zplconverter>zplconverter.exe --help
zplconverter 1.0.0.0
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-o, --output-path      (Default: Path of txt-file) Path for output file.
-f, --output-format    (Default: png) Output format (png, jpg or pdf).
-s, --size             (Default: none) Size of the label [width(mm)]x[height(mm)]x[rounding(dot)].
-i, --timeout          (Default: 5000) Timeout of request to Zebra Printer (ms).
-t, --trim             (Default: false) Trim image and keep X pixels border.
-b, --background      (Default: no background) Set image as background.
--transparent          (Default: false) Use transparent background on png.
--serialized           (Default: false) Generated 5 labels if txt-file contain ^SN command.
--verbose              (Default: false) Prints all messages to standard output.
--help                Display this help screen.
--version              Display version information.

txt-file (pos. 0)      Required. Input file to be processed (UTF-8 encoded).
ip-address (pos. 1)   Required. IP address of Zebra printer (IPv4).
```

Mandatory parameters

txt-file

Description: a txt file that contain a valid zpl code for one or several labels, UTF8 encoded.

Type: string represent a path and filename.

ip-address

Description: a valid ip address of a ZPL printer.

Type: string represent an IPv4 address.

```
c:\zplconverter>zplconverter.exe "c:\temp\data matrix.zpl" 10.1.5.105
- 12:57:31.7015 - INFO: => "c:\temp\data matrix-001.png".
- 12:57:31.7975 - INFO: => "c:\temp\data matrix-002.png".
```

Optional parameters

--output-path or -o

Description: change output directory.

Default value: same directory as zpl text file.

Type: string represent a path.

```
c:\zplconverter>zplconverter.exe "c:\temp\data matrix.zpl" 10.1.5.105 -o "c:\temp\labels"
- 13:05:50.8329 - INFO: => "c:\temp\labels\data matrix-001.png".
- 13:05:50.9289 - INFO: => "c:\temp\labels\data matrix-002.png".
```

--output-format or -f

Description: change output format to PDF or JPG.

Default value: png.

Type: string.

```
c:\zplconverter>zplconverter.exe "c:\temp\data matrix.zpl" 10.1.5.105 -f pdf
- 13:01:16.2494 - INFO: => "c:\temp\data matrix-001.pdf".
- 13:01:16.3454 - INFO: => "c:\temp\data matrix-002.pdf".

c:\zplconverter>zplconverter.exe "c:\temp\data matrix.zpl" 10.1.5.105 --output-format jpg
- 13:01:23.5359 - INFO: => "c:\temp\data matrix-001.jpg".
- 13:01:23.5869 - INFO: => "c:\temp\data matrix-002.jpg".
```

--size or -s

Description: display a border for label size.

Default value: none.

Unit: width = millimeters, height = millimeters, rounding = dots.

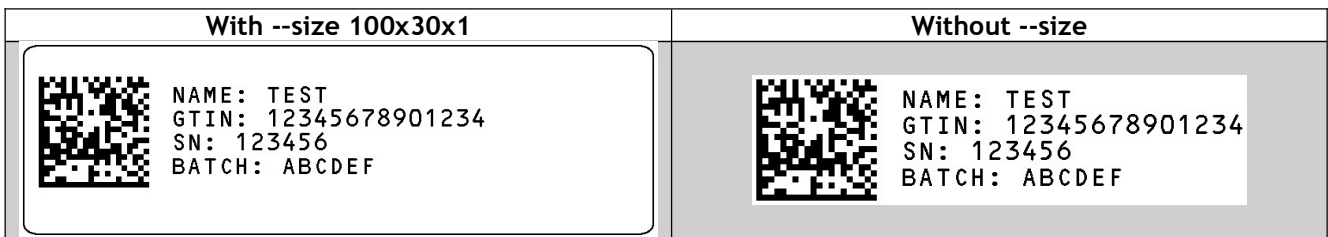
Format: [width]x[height]x[rounding]

Type: string.

Remark: label size is automatically calculated depending on the zebra resolution and the following rules:

Dot per inch (dpi)	Dot per millimeter (dpmm)
150 - 152	6
200 - 203	8
300	12
600	24

```
c:\zplconverter>zplconverter.exe "c:\temp\data matrix.zpl" 10.1.5.105 --size 100x30x1
- 13:38:43.2981 - INFO: => "c:\temp\data matrix-001.png".
- 13:38:43.3571 - INFO: => "c:\temp\data matrix-002.png".
```



--timeout or -i

Description: change timeout for request to zebra printer.

Default value: 5000.

Unit: milliseconds.

Type: integer.

```
c:\zplconverter>zplconverter.exe "c:\temp\data matrix.zpl" 10.1.5.105 --timeout 2000
- 13:10:11.3380 - INFO: => "c:\temp\data matrix-001.png".
- 13:10:11.4340 - INFO: => "c:\temp\data matrix-002.png".
```

--trim or -t

Description: trim image and keep X pixel of border.

Default value: false.

Unit: pixel.

Type: integer.

```
c:\zplconverter>zplconverter.exe "c:\temp\data matrix.zpl" 10.1.5.105 --trim 5
- 13:38:43.2981 - INFO: => "c:\temp\data matrix-001.png".
- 13:38:43.3571 - INFO: => "c:\temp\data matrix-002.png".
```



--background or -b

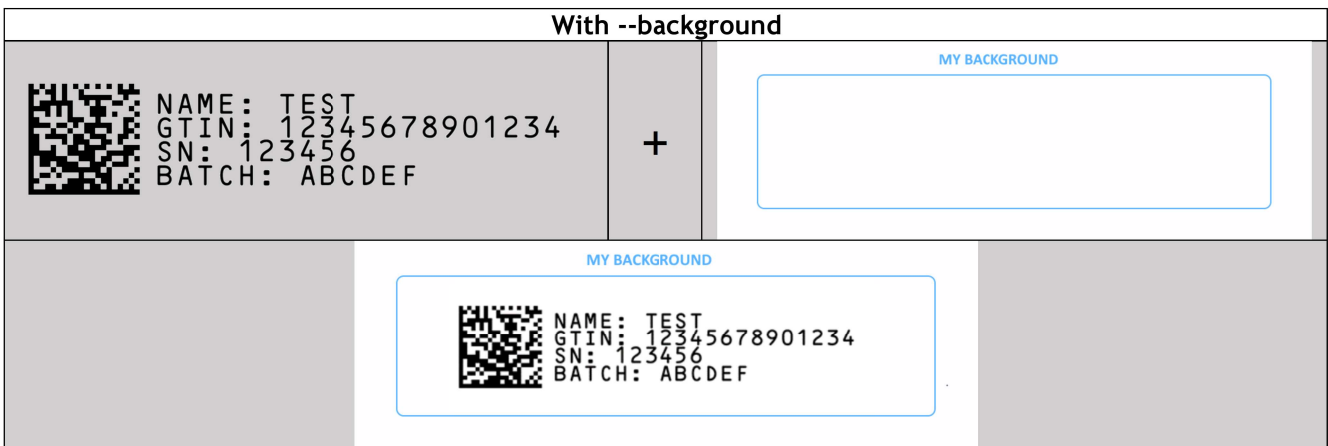
Description: set a background on generated image.

Default value: no background.

Type: string represent a path to an image.

Remark: this options will implicitly use --trim and --transparent. The background image must be bigger than the generated one.

```
c:\zplconverter>zplconverter.exe "c:\temp\data matrix.zpl" 10.1.5.105 --background "c:\temp\background.png"
- 13:15:59.6104 - INFO: => "c:\temp\data matrix-001.png".
- 13:15:59.7174 - INFO: => "c:\temp\data matrix-002.png".
```



--transparent

Description: use a transparent background on png image.

Default value: false.

Remark: this options is only available when output format is png.

```
c:\zplconverter>zplconverter.exe "c:\temp\data matrix.zpl" 10.1.5.105 --transparent
- 13:15:52.6104 - INFO: => "c:\temp\data matrix-001.png".
- 13:15:52.7174 - INFO: => "c:\temp\data matrix-002.png".
```

With --transparent	Without --transparent
 NAME: TEST GTIN: 12345678901234 SN: 123456 BATCH: ABCDEF	 NAME: TEST GTIN: 12345678901234 SN: 123456 BATCH: ABCDEF







--serialized

Description: generate 5 serialized labels if txt-file contain an ^SN command.

Default value: false.

Remark: 5 labels will be merge into a single output file.

```
c:\zplconverter>zplconverter.exe "c:\temp\data matrix.zpl" 10.1.5.105 --serialized
- 13:15:52.6104 - INFO: => "c:\temp\data matrix.png".
```

With --serialized	Without --serialized
 NAME: TEST GTIN: 12345678901234 SN: 123457 BATCH: ABCDEF	 NAME: TEST GTIN: 12345678901234 SN: 123457 BATCH: ABCDEF
 NAME: TEST GTIN: 12345678901234 SN: 123458 BATCH: ABCDEF	
 NAME: TEST GTIN: 12345678901234 SN: 123459 BATCH: ABCDEF	
 NAME: TEST GTIN: 12345678901234 SN: 123460 BATCH: ABCDEF	
 NAME: TEST GTIN: 12345678901234 SN: 123461 BATCH: ABCDEF	

--verbose**Description:** print all messages to standard output.**Default value:** false.

```
C:\zplconverter>zplconverter.exe "c:\temp\datamatrix.zpl" 10.1.5.105 --verbose --serialized --trim
10 --transparent --f png
- 23:28:57.1514 - TRACE: ----- PARAMETERS -----
- 23:28:57.1614 - TRACE: - txt-file: "c:\temp\datamatrix.zpl"
- 23:28:57.1614 - TRACE: - ip-address: 10.1.5.105
- 23:28:57.1614 - TRACE: - output-path: "c:\temp"
- 23:28:57.1614 - TRACE: - output-format: png
- 23:28:57.1614 - TRACE: - size: none
- 23:28:57.1614 - TRACE: - timeout: 5000ms
- 23:28:57.1614 - TRACE: - transparent: true
- 23:28:57.1614 - TRACE: - serialized: true
- 23:28:57.1614 - TRACE: - trim: 10px
- 23:28:57.1614 - TRACE: -----
- 23:28:57.1614 - TRACE: Verifying "c:\temp\datamatrix.zpl" contain valid ZPL code ...
- 23:28:57.1694 - TRACE: => Looks good, let's try!
- 23:28:57.1694 - TRACE: Serialized: ^SN123457,1 found.
- 23:28:57.1694 - TRACE: - Serialized: generated label 1 of 5 ...
- 23:28:57.1694 - TRACE: => replace ^SN123457,1 to ^FD123457.
- 23:28:57.1694 - TRACE: - Serialized: generated label 2 of 5 ...
- 23:28:57.1694 - TRACE: => replace ^SN123457,1 to ^FD123458.
- 23:28:57.1694 - TRACE: - Serialized: generated label 3 of 5 ...
- 23:28:57.1694 - TRACE: => replace ^SN123457,1 to ^FD123459.
- 23:28:57.1694 - TRACE: - Serialized: generated label 4 of 5 ...
- 23:28:57.1694 - TRACE: => replace ^SN123457,1 to ^FD123460.
- 23:28:57.1694 - TRACE: - Serialized: generated label 5 of 5 ...
- 23:28:57.1694 - TRACE: => replace ^SN123457,1 to ^FD123461.
- 23:28:57.1694 - TRACE: Trying to connect to "10.1.5.105" ...
- 23:28:57.1694 - TRACE: => Connected to "ZTC Zebra ZM600-200dpi ZPL"!
- 23:28:57.1694 - TRACE: Rendering label n°1: ^XA^FX
Barcode^F010,40^BXN,7,200,20,20,6,_,1^FD_1011234567890123421^FD123457_110ABCDEF^FS^FX
Text^F0168,50^AE,18,10^FDNAME: TEST^FS^F0168,80^AEN,18,10^FDGTIN:
12345678901234^FS^F0168,110^AEN,18,10^FDSN:^FS^F0230,110^AEN,18,10^FD123457^FS^F0168,140^AEN,18,10^F
DBATCH: ABCDEF^FS^PQ10,10^XZ on Zebra ...
- 23:28:57.1833 - TRACE: => OK
- 23:28:57.2564 - TRACE: Applying trim with 10px border...
- 23:28:57.2854 - TRACE: => OK
- 23:28:57.3174 - TRACE: Applying transparency to image ...
- 23:28:57.3374 - TRACE: => OK
- 23:28:57.3544 - TRACE: Rendering label n°2: ^XA^FX
Barcode^F010,40^BXN,7,200,20,20,6,_,1^FD_1011234567890123421^FD123458_110ABCDEF^FS^FX
Text^F0168,50^AE,18,10^FDNAME: TEST^FS^F0168,80^AEN,18,10^FDGTIN:
12345678901234^FS^F0168,110^AEN,18,10^FDSN:^FS^F0230,110^AEN,18,10^FD123458^FS^F0168,140^AEN,18,10^F
DBATCH: ABCDEF^FS^PQ10,10^XZ on Zebra ...
- 23:28:57.3593 - TRACE: => OK
- 23:28:57.3913 - TRACE: Applying trim with 10px border...
- 23:28:57.4203 - TRACE: => OK
- 23:28:57.4413 - TRACE: Applying transparency to image ...
- 23:28:57.4413 - TRACE: => OK
- 23:28:57.4593 - TRACE: Rendering label n°3: ^XA^FX
Barcode^F010,40^BXN,7,200,20,20,6,_,1^FD_1011234567890123421^FD123459_110ABCDEF^FS^FX
Text^F0168,50^AE,18,10^FDNAME: TEST^FS^F0168,80^AEN,18,10^FDGTIN:
12345678901234^FS^F0168,110^AEN,18,10^FDSN:^FS^F0230,110^AEN,18,10^FD123459^FS^F0168,140^AEN,18,10^F
DBATCH: ABCDEF^FS^PQ10,10^XZ on Zebra ...
- 23:28:57.4593 - TRACE: => OK
- 23:28:57.4963 - TRACE: Applying trim with 10px border...
- 23:28:57.5253 - TRACE: => OK
- 23:28:57.5464 - TRACE: Applying transparency to image ...
- 23:28:57.5464 - TRACE: => OK
- 23:28:57.5653 - TRACE: Rendering label n°4: ^XA^FX
Barcode^F010,40^BXN,7,200,20,20,6,_,1^FD_1011234567890123421^FD123460_110ABCDEF^FS^FX
Text^F0168,50^AE,18,10^FDNAME: TEST^FS^F0168,80^AEN,18,10^FDGTIN:
```

```
12345678901234^FS^F0168,110^AEN,18,10^FDSN:^FS^F0230,110^AEN,18,10^FD123460^FS^F0168,140^AEN,18,10^F
DBATCH: ABCDEF^FS^PQ10,10^XZ on Zebra ...
- 23:28:57.5653 - TRACE: => OK
- 23:28:57.6013 - TRACE: Applying trim with 10px border...
- 23:28:57.6314 - TRACE: => OK
- 23:28:57.6523 - TRACE: Applying transparency to image ...
- 23:28:57.6523 - TRACE: => OK
- 23:28:57.6723 - TRACE: Rendering label n°5: ^XA^FX
Barcode^F010,40^BXN,7,200,20,20,6,_,1^FD_1011234567890123421^FD123461_110ABCDEF^FS^FX
Text^F0168,50^AE,18,10^FDNAME: TEST^FS^F0168,80^AEN,18,10^FDGTIN:
12345678901234^FS^F0168,110^AEN,18,10^FDSN:^FS^F0230,110^AEN,18,10^FD123461^FS^F0168,140^AEN,18,10^F
DBATCH: ABCDEF^FS^PQ10,10^XZ on Zebra ...
- 23:28:57.6723 - TRACE: => OK
- 23:28:57.7094 - TRACE: Applying trim with 10px border...
- 23:28:57.7393 - TRACE: => OK
- 23:28:57.7604 - TRACE: Applying transparency to image ...
- 23:28:57.7604 - TRACE: => OK
- 23:28:57.7783 - TRACE: Merge serialized labels and save to disk ...
- 23:28:57.8223 - INFO: => "c:\temp\datamatrix.png".
```