

FLEXI BARCODE LABELS WINDOWS PROGRAM SUITE TLP ZEBRA Printers

Freeware by Tedy Shalev
www.shanit.com

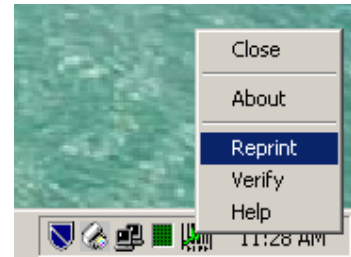
Barcode Monitor - TLPMON.EXE

The monitoring utility TLPMON runs as an icon, in the System Tray.

A right hand click on this icon offers a menu with “configurable” options. The “About” and ”Close” options are added to this menu. Selecting “Close” will terminate the monitoring utility.



TLPMON is configured through TLPMON.INI file. It uses the “InBox - OutBox” principle that is it monitors an “InBox” folder for a predefined name text file. When such file is “posted” into this folder it moves the file into the “OutBox” folder and invokes a command (with command line parameters) that it is configured in its INI file, to execute.



The “posted” ASCII file may contain one alphanumeric line only. In this case the line will be printed as a barcode. When the print is complete this file is deleted from the “OutBox” allowing another such sequence of events to re-occur. Labels containing a barcode followed by text lines will be printed if this ASCII file contains more than one alphanumeric line. In such case the first text line will be printed as barcode and the following lines as text.

The TLPMON utility uses an INI file to read its parameters. This file contains three sections: Post, Run and Menu.

The Post section defines parameters regarding the IN/OUT box and file, the Run section defines the command to be executed upon detection of the posted file and the Menu section defines the menu that is displayed on a right hand click on the system tray icon. This menu may be configured to a maximum of ten (10) options, in addition to “Close” and “About”.

The following entries are found in the TLPMON.INI file:

IN_PATH	= "InBox" folder, on a shared drive on server.
IN_FILE	= Name of text file that is expected (monitored for).
OUT_PATH	= "OutBox" folder – on a mapped shared drive on server.
OUT_FILE	= Name of text file (rename of the original IN_FILE).
EXEC	= Name of executable [this entry is in section RUN]
WORK_DIR	= Folder where the executable that would be invoked is found.
PARAMS	= Command-line parameters for the executable.

The following is a sample TLPMON.INI file:

; TLPMON.INI

[POST]

IN_PATH = C:_TLP_IN\

IN_FILE = INFILE.TXT

OUT_PATH = C:_TLP_OUT\

OUT_FILE = OUTFILE.TXT

[RUN]

EXEC = TLPBARC

PARM = -FC:_TLP_OUT\OUTFILE.TXT

WORK_DIR = C:_TLP\

[MENU]

MENU1 = Reprint

PATH1 = C:_TLP\

EXEC1 = TLPBARC.EXE

PARM1 = -A

MENU2 = Verify

PATH2 = C:_TLP\

EXEC2 = TLPBARC.EXE

PARM2 = -V

MENU3 = Help

PATH3 = C:_TLP\

EXEC3 = TLPBARC.EXE

PARM3 = -?

MENU4 = Test Label [1]

PATH4 = C:_TLP\

EXEC4 = TLPBARC

PARM4 = -V -FC:_TLP\Test\INFILE1.TXT

MENU5 = Test Label [2]

PATH5 = C:_TLP\

EXEC5 = TLPBARC

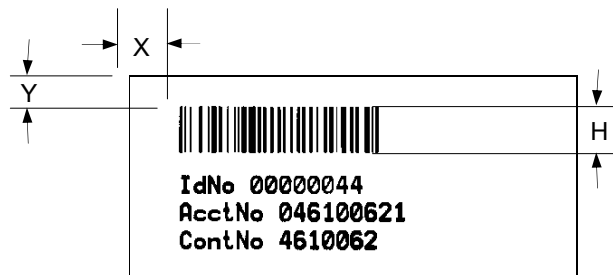
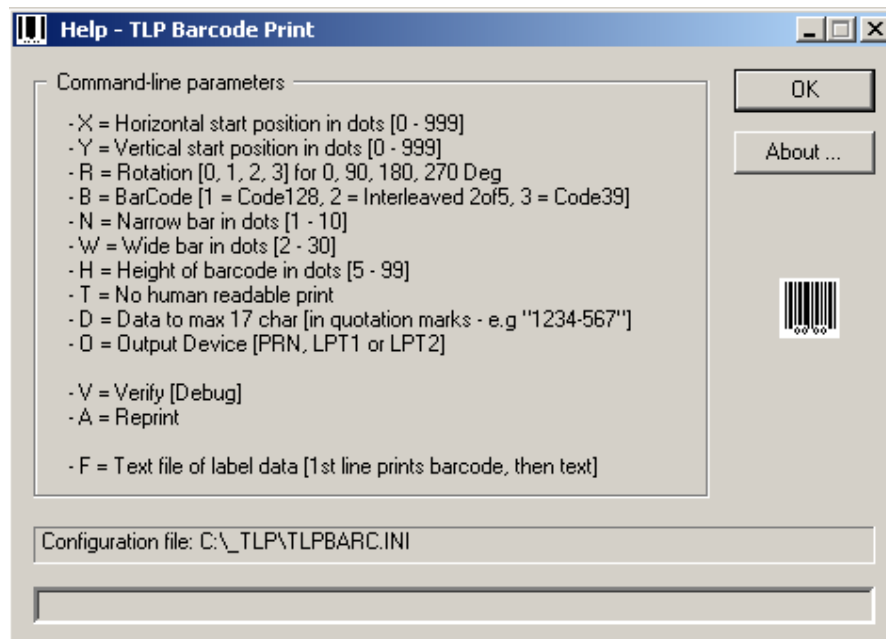
PARM5 = -V -FC:_TLP\Test\INFILE2.TXT

Barcode Print (Generic) - TLPBARC.EXE

This generic Barcode Print utility operates according to its command-line parameters as either:

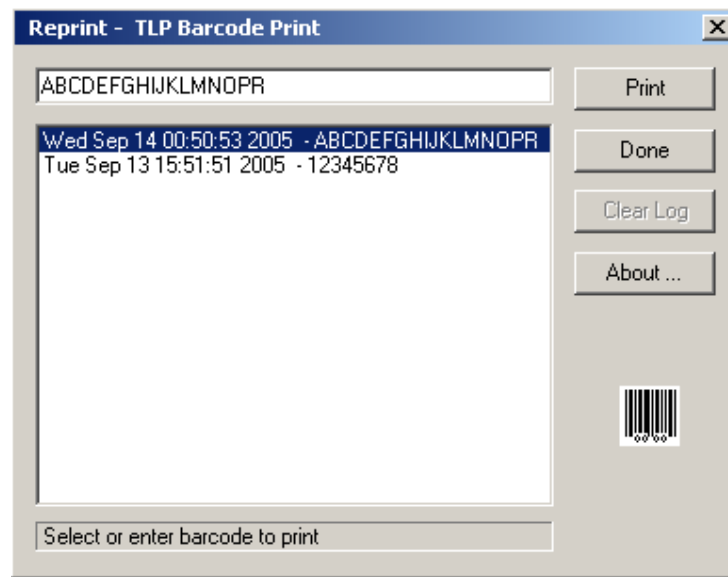
- Integrated barcode only label print – directly through -D parameter's data, or
- Integrated barcode and text label print through ASCII text file set by the -F parameter, or
- Barcode print with user interface, for setting up and verification of printer, or
- Barcode reprint – selective re-print of barcodes from a text log file.

The help screen below is displayed when the utility is started with no command line parameters. It lists the TLPBARC.EXE command-line parameters:



Barcode Reprint

The following is an example screen of TLPBARC in **Reprint** mode:



The TLPBARC.EXE utility is configured through a TLPBARC.INI text. This file contains four sections: Barcode, Text, Reprint and Label. The Barcode section defines all parameters that relate to the barcode printing. All measurements are in dots and the print is 203 dots per inch (DPI) that is 8 dots per mm. The Text section defines the position of the first text line, the distance between text lines and the text font. The Reprint specifies the log file name and the maximum number of entries it should contain. The Label section defines the size of the label and the gap between the labels. These dimensions are in mm.

The following is a sample TLPBARC.INI file:

; TLPBARC.INI

[BARCODE]

POSX=50

POSY=0

ROTATION=0

BARCODE=1

NARROW=2

WIDE=4

HIGH=50

HUMAN=N

DATA=

OUTDEV=LPT1

[TEXT]

POSY=25

FONT=4

LINE=30

[REPRINT]

FILE=TLPBARC.LOG

LOG=100

[LABEL]

LONG=25

WIDTH=61

GAP=5

Verify Labels Print [Printer Setup]

The following is an example screen of TLPBARC in **Verify** mode:

Verify - TLP Barcode Print

Barcode

X Pos: 50
Y Pos: 0
Rotation: 0
Narrow: 2
Wide: 4
Barcode: 1
Height: 50
Human: No
Device: LPT1
Data:

Labels [mm]

Long [y]: 25
Gap: 5
Width [x]: 61

Text [203 DPI]

Y Pos: 25
Line: 30
Font: 4

Print
Save
Default
Done
About ...

Data File:

Modify parameters, Print, or Save to INI file

The following illustrates the labels and barcode parameters:

