

V 6.95 Summary of Printer Firmware Changes

If you would like to update the firmware V6.95 EZ for the printer, please note that:

- 1. Your data in the printer's FLASH memory will be cleared out after updating V6.95 EZ from the older version.**
- 2. If you use USB interface, you will need to install the driver again after updating this firmware V6.95 EZ.**

TSPL2

- * Added barcode CODABLOCK (Codablock F only).
- * Added barcode DPI (Deutsche Post Identcode) and DPL (Deutsche Post Leitcode).
- * Added barcode LOGMARS which symbol is the same as CODE 39.
- * Added barcode TELEPEN (Telepen), TELEPENN (Telepen number), PLANET (Planet) and CODE49 (Code 49).
- * Added barcode TLC39 to support TCIF Linked Bar Code 3 of 9
- * Added CODEPAGE 857(Turkish) and 8859-7(Greek)
- * Added CODEPAGE 861, 855, 866, 737, 851 and 869.
- * Added command BLOCK.
- * Added command DATEADD (interval\$, number, date) to convert the new date/time.
- * Added command ELLISE to draw the oval.
- * Added command GET to read the data with one byte.
- * Added command INP(number) to receive 1-byte data from communication interface.
- * Added command PUT to write 1-byte data into file.
- * Added command SELFTEST PATTERN to print the print head test pattern.
- * Added command SET BLINE REVERSE/OBVERSE to reverse/obvert the function of black mark sensor.
- * Added command SET RIBBONEND ON/OFF to enable/disable the ribbon end sensor.
- * Added command SET VERIFIER
- * Added command VERIFYTRIGGER for barcode verifier usage.
- * Added condition FAULT VERIFIER in command SET GPO.
- * Added global variable NOW to return the real time.
- * Added internal Baltic bitmap font.
- * Added parameters for command OUT to return message from the specific interface. (OUT PORT "Data", PORT can be set for COM, NET and USB).
- * Fixed AZTEC command to support data with specific length.
- * Fixed BITMAP command to support grayscale printing. (For direct thermal printing mode only)
- * Fixed INPUT FILTER command to support empty string.

- * Fixed multiplication factor of TEXT command to support float data type.
- * Fixed SIZE command issue. If the setting of label width is larger than the width of print head, the label width will be the same as print head.
- * Fixed the issue of accuracy when converting float data.
- * Fixed the issue of conditional command IF.
- * Fixed the issue of the BITMAP image if it is over the label size.
- * Fixed the rule of EAN14 generation.
- * For SET VERIFIER, the printer sends ETX out when verification is finished.
- * When command error happens, printer returns syntax error message to PC via RS232 only.

EPL2 emulator

- * Fixed MAXICODD to support AIM ITS mode in mode2 and mode3.
- * Fixed PDF417, DataMatrix, and AZTEC to support variable command V.
- * Fixed the counter command C to support +-* / operations.
- * Fixed the issue of human readable in Code 128 UCC serial shipping container code.
- * Fixed the relationship between variables V and RTC.
- * Fixed the rule of barcode generation in command B.
- * Fixed the rule of CODE30 generation in command B when printing it in 90 and 180 degree.
- * Revised the internal bitmap fonts (FONT1 to FONT5).

ZPL2 emulator

- * Added ^BL command
- * Added ^FC command
- * Added ^GE command
- * Added ^MU command
- * Fixed ^BZ to support postal code type 3 (USPS Intelligent Mail bar code).
- * Fixed ^FB issue when printing it in 90 and 180 degrees.
- * Fixed ^FN to support 100 filed numbers.
- * Fixed ^FT issue when printing internal TTF font 0.
- * Fixed ^PQ to support the parameter p (labels between pauses).
- * Fixed ~SD## and ~TA### formats.
- * Fixed rule of ^FB when it includes spaces.
- * Fixed the decoding rule of ^CI14.
- * Fixed the font type of human readable characters in UPC/EAN.
- * Fixed the issue, the last command line will be ignored, when running *.ZPL format.
- * Fixed the rule of ^BX generation. If parameter h hasn't been set in ^BX, it uses the setting of ^BY instead.
- * Fixed the rule of ^GF. The parameter "binary byte count" can be omitted.

- * Fixed the rule of code128 generation in auto mode.
- * Fixed the rule of RSS14 barcode generation.
- * Fixed the rule when using fonts P, Q, R, S, T, U and V.
- * Fixed the size of human readable characters in barcode ^BS (UPC/EAN).
- * If the value of parameter is discontinuous in ZPL command, the discontinuous part will be ignored.
- * If the value of parameter is with space in ZPL command, the space will be ignored.
- * If the wrong font name has been used in ZPL, printer uses A.FNT instead.
- * Redefined the escape sequence control character from underscore '_' to tilde '~' in barcode ^BX (DataMatrix).

Network

- * Added NET MODE SPEED,DUPLEX to change the communication rate and multiplexer mode. SPEED = 10/100/AUTO, DUPLEX = FULL/HALF
- * Fixed the lease time issue.
- * Fixed the network FTP server to support ftp -n printing

Power-on utility

- * Added power on key function, manual sensor calibration to support PREPRINTED label
[MENU] + [UP] for preprinted label with gap.
[MENU] + [DOWN] for preprinted label with black mark.
[MENU] + [SELECT] for continuous preprinted label.
- * Added the function to initialize the Ethernet setting while opening top cover. (For desk series printer)
- * Added the function to switch line mode and page mode while opening top cover. (For desk series printer)

USB communication

- * Enable USB serial number function. (The feature may cause PC to install a copy-1 driver if a driver has been installed already.)
- * Improve the USB communication issue, especially user turns on PC while printer is in on-line mode.

LCD display

- * Revised Russian menu in LCD display.
- * Added Czech menu in LCD display.
- * Added Portuguese menu in LCD display.
- * Added the "Format Convert" item in ZPL2 LCD menu for converting the resolution.
- * Added the date/time setting item in LCD menu.
- * Added the function to cancel print jobs in PAUSE mode. (For industrial series printer)

Others

- * Canceled the function of head open sensor in TTP-244M Pro/342M Pro series printer.
- * Canceled the function to add FNC1 into EAN128 barcode automatically.
- * Changed the direction of self-test page for easy read.
- * Changed the scale of print speed adjustment from 1 IPS to 0.5 IPS in desktop printers.
- * Cut the text if its position is over the beginning of label.
- * Decrease the torque of DC motor in TTP-234 series printer while backing labels.
- * Fixed RTC issue when setting the parameter YEAR over 2000.
- * Fixed the deadlocked issue in printing DATAMATRIX barcode.
- * Fixed the encoding issue of the code 128 if the data length is too long.
- * Fixed the peel-off sensor issue, especially when user does sensor calibration on peel-off mode.
- * Fixed the rule of EAB128 generation.
- * Fixed the rule when printing truncated PDF417.
- * Fixed the sampling time of sensor calibration in TTP-243 Pro series printer.
- * Increase the FLASH memory to 1.5MB for firmware usage. (The printer clears all the data in FLASH after updating V6.95EZ from the older version.)
- * Increased the max. printing length to 100 inches for TTP-644M series printer.
- * Increased the max. printing length to 1000 inches for TTP-2410M series printer.
- * Increased the max. printing length to 200 inches for TTP-384M series printer.
- * Increased the max. printing length to 450 inches for TTP-346M series printer.
- * Move the print head test pattern to bottom of self-test page.
- * Optimized the rule of CODE128 generation.
- * Supported 1.5 IPS as the minimum printing speed in TT(D)P-245/245C/225 series printer.
- * Supported 2 IPS as the minimum printing speed in TTP-2410M series printer.
- * Revised the AI table for EAN128.
- * Revised the condition of NO PAPER.
- * Added new command <ESC>!P to pause printer, and use <ESC>!O to cancel pause mode.
- * Supported the cursive (Handwriting) font, ex: Arabic.