

V 6.86 Summary of Printer Firmware Changes

[Basic System Command]

- * Added new command AUTODETECT to detect the sensor type and measure the label length.

[EPL]

- * Fixed if the coordinate is ignored, it will be set as 0.
- * Fixed the content of EAN2 and EAN5 add-on barcode if the data length is too long.
- * Fixed the definition of q (set label width) command. If the setting of q command is larger than the width of print head, the q command equals to the width of print head.
- * Fixed the height of EAN2 and EAN5 add-on barcode if the human-readable value is disable.
- * Fixed the image buffer of EPL emulation is the half of total image buffer.
- * Fixed Code 128 to support function characters F1 as FNC1, such as F1"42092626".
- * Fixed the letter l in font 1 of 300 dpi printer.
- * Fixed the letter J k l in font 1 of 300 dpi printer.
- * Fixed the LS command. If the length of horizontal is larger than vertical, using the horizontal slash.
- * Support Aztec.
- * Support US command.
- * UCC/EAN 128 uses ASCII 06 as FNC1 to delimit variable length fields.
- * Use overwrite mode to generate barcode.

[TSPL]

- * Added new command FORMAT\$() to return the format string of date and time.
- * Added new command NOW\$() to return the printer's date and time.
- * Added new command STRCOMP(STR1\$, STR2\$[, COMP]) to return the result of a string comparison.
- * Added new command LTRIM\$(STR\$[,LIST\$]) to return a string containing a copy of a specified string with no leading spaces or specify characters.
- * Added new command RTRIM\$(STR\$[,LIST\$]) to return a string containing a copy of a specified string with no trailing spaces or specify characters.
- * Added new command TRIM\$(STR\$[,LIST\$]) to return a string containing a copy of a specified string with no leading or trailing spaces or specify characters.
- * Added new command LOC() to return the current position within an open file.
- * Added new command SET AUTORUN to define the autorun file.
- * Added new command POSTINPUT.
- * Added new command PREINPUT.
- * Added new command SET FILTER.
- * Fixed the data type of numerical variable as double.
- * Fixed the definition of EAN128. For the unknown AI, the default length of AI is 2 and the default length of data is 6.
- * Fixed the WEEK command to return the correct information.
- * Enlarge the maximum reading length of READ command to 16 Kbytes.
- * Enlarge the string variables from 50 to 200.
- * Internal bitmap font 1 to 5 support UTF-8 encoding.
- * Internal bitmap font 1 to 5 support CODEPAGE 1251 and 1253.
- * Fixed internal bitmap font "LATIN CAPITAL LETTER I WITH DOT ABOVE (U+0130)" in font 1 to 4.
- * Fixed internal bitmap font "LATIN CAPITAL V (U+0056) and GREEK CAPITAL LAMDA (U+039B)" in font 3.
- * Fixed the AUTO.BAS priority. DRAM>CARD>FLASH
- * Fixed the DIAGONAL command. If the length of horizontal is larger than vertical, using the horizontal slash.
- * Support CODEPAGE 862 for downloading true type font.

[ZPL]

- * Base64 has the added benefit of avoiding the caret(^) and tilde(~)
- * Fixed ^B3 (code 39) to filter out invalid asterisk(*).
- * Fixed ^BC (code 128) UCC check digit.
- * Fixed ^BD (UPS MaxiCode Bar Code) of mode 3.
- * Fixed ^BX(Data Matrix Bar Code) to support escape sequence control character.
- * Fixed ^IS (image save) command to save the correct image.
- * Fixed ~DB (Download Bitmap Font) to support ZebraDesigner Font Downloader



Connecting Your Thermal Printing Needs.™

- * Fixed the barcode to support printing empty string.
- * Fixed the maximum number of bytes per row of ~DG (Download Graphic) command to 32000.
- * Fixed the no selected mode and UCC/EAN Mode of ^BC (code 128).
- * Fixed the origin is wrong in ^PON and ^MNY.
- * Font A to H support UTF-8 encoding.
- * Ignore the invalid control character in ZPL format.
- * Fixed the ^FB (field block) to correct the Carage-Return issue.
- * Support ^BB (single row only)
- * Support ^MNA (auto-detects the type of media during calibration)
- * The internal TTF supports printing NULL character.

[Others]

- * List files in printer's web page.
- * Supported downloading files through printer's internal web page.
- * Added password protection on printer's internal web page.
- * Added the function of using the printer's internal web page to send file to the printer.
- * Added the functions of delete file, run file and format memory device from printer's internal web page .
- * Fixed the issue of updating firmware file from the printer's internal web page.
- * Added the function to set the autorun file from the front panel (LCD display).
- * Added the function to set the date and time information from the front panel (LCD display).
- * Added the Korean language for the front panel (LCD display).
- * Updated the Chinese language for the front panel (LCD display).
- * Updated the German language for the front panel (LCD display).
- * Support ignoring AUTO.BAS by pressing MENU key when turn on the printer.
- * Support printing printer serial number on SELFTEST label.
- * Make the settings of TSPL SHIFT and OFFSET commands to effect ZPL format.
- * Fixed the error when printing DATAMATRIX with NULL character.
- * Fixed the problem of Ethernet loses the last data packet.
- * Support Hebrew printing (right to left).
- * Support UTF-8 representation of the BOM (byte order mark).
- * Fixed the bi-directional communication issue of USB.
- * Solve the issue of IP is changed after firmware update.
- * Support care label cutter module function.
- * Change the cutter error condition to "if the cutter is not equipped, the cutter error doesn't occur."