FW 00.25 Released in March 2021 for PRT

Bootloader (IPL):
V00.03

Main Firmware:
V00.25

SBCS:
V00.09

DBCS:
V00.08

Table:
V00.19

FW 00.33 Released in August 2021 for MP

Bootloader (IPL):
V00.03 >> V00.04
•   Fix issue: Fixed Main FW download fail issue in IPL mode.

Main Firmware:
V00.25 >> V00.33

• Fixed issue: Fixed Motor backward current to be same as forward current.
• Fixed issue: Fixed Paper low inaccurate issue. => support cover close case and normal case.
• Fixed issue: Fixed Paper low sensor calibration result incorrect when use Blue4est paper.
• Add function: Support Asian font setting in offline service menu.
• Fixed issue: Fixed White line issue at Top logo.
• Fixed issue: Fixed uneven print issue by Improve speed change control during logo printing.
• Fixed issue: Fixed garbage print with ASCII text from GB18030 CP when GB18030 selected.
• Fixed issue: Fixed extra space between graphic print and subcequent text in 1B 2A command.
• Fixed issue: Fixed Thermal head health check fail issue by changing the Thermal head check timing and threshold value.

Table (EEPROM Content)
V00.19 >> V00.20
Fixed issue: Fixed issue of Production date cleared by Factory default.

Changes from the previous release 00.31:

• The changing point between 00.31 --> 00.33 is mainly to improve the print head resistance value detection algorithm. This detection is mainly for checking the health of the print head.

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FW 00.44 Released in June 2022 as update for MP

Main Firmware
V00.33 >> V00.44

- Support CP1258
- Implement : CP 1258 (Vietnam) can only work properly after 1b 40/1d ff which has different behavior compared to other code page
- Fixed issue : Both Emphasize mode and Double Strike show different printing output.
- Fixed issue : Return status will be delayed if using 1B 40+Status Command+100line + status command + 100 line test.
- Support ESC [! t Set control point
- Fixed issue : Printer clear all data when receive 10 05 02 , expected to clear until recovery command.
- Fixed issue : Command "Set Character Right-Side Spacing" on ESC/POS emulation shows different output compared to P1200 ESC/POS emulation..
- Requirement change : [DN]Bold attribute should work with double width.
- Fixed issue : [DN] Support 1D 49 40 F3 Return MAC address.
- Requirement change : [DN] Return no hardware sync for ESC v command.
- Fixed issue : Support MF box option connected in Config Form.
- Fixed issue : fix abnormality of return IF description name (1D 49 9E)..
- Fixed issue : Ethernet cannot connect.
- Fixed issue : Paper end status not set in ASB when Printer power up with "No paper" condition.
- Fixed issue : light print.
- Change to DegC. in selftest form for GB18030
- Fixed issue Auto font replace doesn't work in set customized setting.
- Support Select character font (Font A and Font B) by command ESC4D.
- PDF417 size make it same as TH230
- Fixed issue : Define Logo in RAM by the keycode (1D 38 4C/1D 28 4C) When keycode kc1 and kc2 set to 32 and store in RAM, it will become bottom logo for print config.(port P1300 issue countermeasure)
- Fixed issue : Printer not detect paper jam error and continue printing in offline mode.(porting P1300 issue countermeasure.)
- Fixed issue : When set paper width to 58mm, set column command has different behaviour compared to P1300 V00.20
- Fixed issue : Asian font default right side spacing not match FW spec(1C 53), set default value 2.
- Implement ESC v and ESC u 0 hardware sync (reply status only after finished printing)
- Fixed issue : \The Printer cannot return transmit printer status and the printer cannot respond after sent another command
- Fixed issue : print head always return "_A" for 1D 49 9D-> return value always indicated Kyocera head.

DN_SBCS:
V00.09 >> V00.10
- Add codepage CP1258 and updated unicode table for additional 10 characters.

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FW 00.46 Released in October 2022 as update for MP

Main Firmware
V00.44 >> V00.46

- Fixed issue: ASB for Paper Near End will disappear if new roll is inserted. In previous firmware pressing feed button was necessary.

FW 00.48 Released in March 2023 as update for MP

Main Firmware
V00.46 >> V00.48

- General stability improvement
- Cut performance improvement
- Bitmap image print speed improvement
- Transmit Status (1D 72 01) paper low (PNE) response changed from sensor trigger to counter end.

FW 00.50 Released in June 2023 as update for MP

Main Firmware
V00.48 >> V00.50

- Improvement of cutter recovery after jam
- Auto-cut modified to cut immediately after cover close and to handle all cut commands from within receive buffer
- Logo print speed improved and optional low speed "high quality graphic" parameter added

Table
V00.20 >> V00.21

FW 00.51 Released in August 2023 as update for MP

Main Firmware
V00.50 >> V00.51

- Improvement of Paper Near End handling
- Implementation of "high quality graphic" parameter in printer diagnostic menu

FW 00.54 Released in December 2023 as update for MP

Main Firmware
V00.51 >> V00.54

- Paper Near End improvement when printing into paper end
- Implementation of paper saving mode for Bulgaria (small character set)

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