



Industrial Barcode Printer

# PEX-2000L 6-inch Series

Thermal Transfer • Direct Thermal

## Series Models

PEX-2260L

PEX-2360L

A large, light blue background graphic covers the middle section of the page. It features a collage of various barcode types, including 1D, 2D, and Data Matrix codes. In the center of this collage, the 'TSC' logo is prominently displayed in a large, stylized, light blue font.

Release Note

# Copyright

©2023 TSC Auto ID Technology Co., Ltd.

The copyright in this manual, the software and firmware in the printer described are owned by TSC Auto ID Technology Co., Ltd. All rights reserved.

CG Triumvirate is a trademark of Agfa Corporation. CG Triumvirate Bold Condensed font is under license from the Monotype Corporation. Windows is a registered trademark of Microsoft Corporation.

All other trademarks are the property of their respective owners. Information in this document is subject to change without notice and does not represent a commitment on the part of TSC Auto ID Technology Co. No part of this manual may be reproduced or transmitted in any form or by any means, for any purpose other than the purchaser's personal use, without the expressed written permission of TSC Auto ID Technology Co.

# Contents

- A2.17 Release Note.....2
- A2.16.011 Release Note .....3
- A2.16.002 Release Note .....4

## A2.17 Release Note

Category	Description	Ref. #
DIAG	Add Console tool , Support 802.1X setting.	4149
TCF	Add [TCF] WEB PASSWORD command, Setting it to 0 will disable the 'Welcome to first time use' feature.	4177
TCF	Remove [TCF] NETWORK UK PSTI Command	4176
TSPL2	Add TSPL2 NET WEBPASSWORD CLEAR command, it's can cancel the web "Welcome to first time" setting.	4158
TSPL2	Fix the description of the SELFTEST page to prevent data from exceeding the boundaries.	4144
TSPL2	Fix TSPL2 TEXT command, when using ARIAL.TTF font, text is offset when rotated 90 degrees or 270 degrees.	4148
ZPL2	Add ^BQ command, support GS1 QRcode (>;>8)	4160
ZPL2	Add ZPL2 ^IM command, support for PCX image format.	4168
ZPL2	Fix ZPL2 ^B3 and ^SN command together, the issue of barcode overlapping.	4162
ZPL2	Fix ZPL2 ^BA command, the content contains characters such as '\$', '%', '+', '-', '.', and '/'. The barcode length will shorten.	4167
ZPL2	Fix ZPL2 ^BE and ^BY command together, above 0, ^BY value is greater than 9. There is no slash problem.	4166

## A2.16.011 Release Note

Category	Description	Ref. #
TSPL2	Fix TSPL2 SET GPO "PRINT" function, the issue of signal not changing.	4156
ZPL2	Fix ZPL2 ^JUS command, the configuration update error where printer mode settings are not retained after a reboot.	4155

## A2.16.002 Release Note

Category	Description	Ref. #
DPL	Add [TCF] FONT P SIZE to adjust DPL syntax P font size	4089
ETHERNET	Add [TCF] NETWORK HTTPS SERVER = 0 switch	3945
ETHERNET	Add 802.1x function	4011
DIAG	Add Console Tool to set ZPL2 GPIO settings	4127
MENU	Add Display Orientation 90/270 setting	4079
DPL	Add DPL Hebrew output	4061
DPL	Add DPL setting menu	4068
DPL	Add DPL support for <SOH>C / <SOH>E commands	4008
DPL	Add DPL support for DataMatrix FNC1 encoding	3993
DPL	Add DPL support for reverse white on black printing	4041
DPL	Add DPL W1k command for GS1 DataBar Barcode	3997
ETHERNET	Add HTTPS support	3946
MENU	Add LCD menu support for Finnish language	4056
TSPL2	Add NET SNMP V1, V2C, V3 commands	4069
WEB	Add PSTI UK network security protocol function	4072
WEB	Add Remote Panel function	4071
TSPL2	Add SET DPLIMCMD ON/OFF command to enable DPL immediate commands	4130
ETHERNET	Add SNMP LabelCount, LabelLength, LabelWidth reading information	4085
ETHERNET	Add SNMP Ribbon low and Media low warning messages	4055
SOTI	Add SOTI WIFI certificate setting function	4070
ETHERNET, WIFI	Add TLS1.3	4012
TSPL2	Add TSPL2 RMQR command for RMQR 2D barcode.	3987
ZPL2	Add TSPL2 SET ZPLIMCMD ON/OFF command to switch ZPL2 ~JA, ~HS commands to immediate commands	3952
TSPL2	Add TSPL2 VERTICAL command to scale graphics size	4066
ZPL2	Add Unicode character support	4005
TPH	Add VERTICAL DPI functionality	4077
MENU	Add VERTICAL DPI menu	3988
WEB	Add Web UI major revision and upgrade	4013
ZPL2	Add ZPL ^SX* command to return printer status	4010
ZPL2	Add ZPL ^TB command	4025

Category	Description	Ref. #
ZPL2	Add ZPL2 RFID commands (^HV ^PA ^TB ^RB ^RF ^RI ^RL ^RM ^RR ^RS ^RT ^RW ^RZ)	4078
MENU	Fix browsing *.BAS files via USB flash drive, UI unresponsive if files exceed 128	4057
RIBBON	Fix Console returning null value when ribbon not detected at startup	3970
DPL	Fix DPL (1) <SOH>C not functioning (interrupting print job) (2) simulation issue	4058
DPL	Fix DPL <STX>a command, each one returns 0x1F	4107
DPL	Fix DPL <STX>KcLR command causing reboot when used	4122
DPL	Fix DPL <STX>y command to support UTF-8 encoding	4108
DPL	Fix DPL code128 and modified human coding output is not as expected	4031
DPL	Fix DPL Code128 barcode not as expected	4039
DPL	Fix DPL codepage usage result discrepancy with TTP-2410(A2.12)	4053
DPL	Fix DPL Download Data command (s###W, changed from 1~999 to 1~9999	4046
DPL	Fix DPL EAN128 barcode output being too long to scan	4040
DPL	Fix DPL EAN128 encoding not meeting standards	4044
DPL	Fix DPL image output not being as expected	4038
DPL	Fix DPL Label Formatting Command Bnn to support barcode magnification	4100
DPL	Fix DPL QR code partial printing issue	4035
DPL	Fix DPL S/s command, Code128 is not as wide as expected	4032
DPL	Fix DPL STX>Kf command not working as expected.	3996
DPL	Fix DPL support for Cyrillic font	4002
DPL	Fix DPL W1c command, DataMatrix barcode cannot use FUNC1 character printing GS1 DataMatrix error	4083
DPL	Fix DPL W1c command, DataMatrix barcode size not as expected	4094
DPL	Fix DPL W1k command for GS1 DataBar barcode size not as expected.	4098
DPL	Fix EAN128 barcode with human-readable code mismatch with DPL results	4027
EPL2	Fix EPL2 print command P, supporting blank input afterward	4047
EPL2	Fix EPL2 printing inverted white squares on black background	4060
DIAG	Fix Gap parameter unable to be set via network (6101 port)	4050
GPIO	Fix GPIO card failure due to noise interference (improved algorithm)	4124
MENU	Fix LCD menu rebooting after using Initialization	3972
ETHERNET	Fix multiple network calibration causing inability to ping printer and loss of connection	4024
ETHERNET	Fix network ping response time too long causing timeout	4116
RIBBON	Fix ribbon strategy, Console ribbon field returns null value after booting	4114
OTHERS	Fix simultaneous data transmission on different ports and resolved data corruption issue	3968
ZPL2	Fix the ^CFB command in ZPL2; the text output is too small.	4064

Category	Description	Ref. #
ZPL2	Fix the ^FO command in ZPL2; the output position is incorrect.	4054
ZPL2	Fix the font height and width settings in ZPL2 to be the same size; the output result is incorrect.	3955
ZPL2	Fix the human-readable text output of the EAN-13 barcode in ZPL2; the text is incorrect.	4042
EPL2	Fix the incomplete barcode printing issue in EPL2.	4043
TPH	Fix the name from "Bad dot" to "Unhealthy dot"	4073
DPL	Fix the problem that the Label rotation function of DPL <STX>KcLR instruction is invalid	4051
RIBBON	Fix to determine whether there is a ribbon during the calibration process	3971
TSPL2	Fix TSPL2 command BT MODE DUAL/BT2.0/BT3.0/BT4.0 by removing quotation marks	3962
ETHERNET	Fix TSPL2 NET MODE command, connection speed adjustment not working	4115
TSPL2	Fix TSPL2 NOW\$(), @HOUR commands to correctly return results with daylight saving time	4080
TSPL2	Fix TSPL2 print mode to set all syntax	3939
TSPL2	Fix TSPL2 RECORDSET\$() command, return value not as expected error	4102
TSPL2	Fix TSPL2 RTC variable to supportFix two-digit output	4028
OTHERS	Fix TSPL2 self-test page and menu to categorize Mileage	4075
ETHERNET	Fix TSPL2 SET RESPONSE ON, crash issue when returning status over network	4106
GPIO	Fix using TSPL2 SET TEAR OFF mode, GPIO LEVEL MODE continuous printing pauses error	4128
SENSOR	Fix when paper runs out, show paper jam error, should show paper empty error	4091
ZPL2	Fix ZPL ^LR command, LabelReverse parameter saved in ^FN value for identification	4033
ZPL2	Fix ZPL GPI1, GPO3, GPO6 behavior modes	4026
ZPL2	Fix ZPL2 "-" not being in the correct position	4059
ZPL2	Fix ZPL2 ^BF command, PDF417 settings differ from scanned results	4110
ZPL2	Fix ZPL2 ^FB and ^FT combination coordinate errors	4029
ZPL2	Fix ZPL2 ^FPR command, Indian characters printing result not as expected	4097
ZPL2	Fix ZPL2 ^GF command to ignore when exceeding set length	4030
ZPL2	Fix ZPL2 ^LH command, coordinate calculation method	4119
ZPL2	Fix ZPL2 ^LH command, coordinates output not as expected	4086
ZPL2	Fix ZPL2 ^SLT command, Time Now Mode function not working error	4117
ZPL2	Fix ZPL2 ^SS command to support GAP and BINE modes	4081
ZPL2	Fix ZPL2 ^XG command printing image position incorrectly	4023
ZPL2	Fix ZPL2 Datamatrix print output size not as expected (output too large covering other objects)	4048
ZPL2	Fix ZPL2 GPIO simulation to trigger pause during printing	4067
ZPL2	Fix ZPL2 GS1-128 barcode printing with overlapping parts	4021
ZPL2	Fix ZPL2 MaxiCode data length causing system crash	4004
ZPL2	Fix ZPL2 support for ^XG using BMP format images	4022



Category	Description	Ref. #
ZPL2	Fix ZPL2 unable to output Unicode using ^CI17 encoding mode issue	4052
ZPL2	Fix ZPL2 unable to print Japanese characters issue	4045

