BIXOLON

Application Programming Guide

Java POS Driver

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Caution

Some semiconductor devices are easily damaged by static electricity. You should turn the printer “OFF”, before you connect or remove the cables on the rear side, in order to guard the printer against the static electricity. If the printer is damaged by the static electricity, you should turn the printer “OFF”.

Introduction

This manual provides information on the BIXOLON Java POS driver as well as on the usage POS printer products offered by BIXOLON.

The following are terms contained in this manual.

- JDK: Java Development Kit
- JRE: Java Runtime Environment
- Java POS: Java Point of Sale
- JCL Utility: Java POS Configuration Loader Utility

[Reference Websites]
http://www.javapos.com: Java POS committee website
http://java.com: Official Java website
http://www.bixolon.com: BIXOLON printers website

1. Development environment

1-1 Communication Configuration

• Communication Configuration for serial interface
You will set communication configuration in JCL Utility.

Printer Model	Baud rate	Printer Type	etc
STP-103III	9600/19200/38400/57600/ 115200	Mono Thermal	-
SRP-275 / SRP-275II SRP-275III	9600/19200	2 Color Dot	-
SRP-330 / SRP-330II SRP-330III SRP-340II SRP-350 / SRP-350plus SRP-350II / SRP-350plusII SRP-350III / SRP-350plusIII SRP-350V / SRP-350plusV SRP-F310 / SRP-F310II SRP-380 / SRP-380plus SRP-E300 / SRP-B300II	9600/19200/38400/57600/ 115200	Mono Thermal	-
SRP-332II / SRP-342II SRP-332III SRP-352plus SRP-352plusII SRP-352III / SRP-352plusIII SRP-352V / SRP-352plusV SRP-382 / SRP-S300 SRP-F312 / SRP-F312II SRP-F313II SRP-E302 / SRP-Q200 SRP-B300 / SRP-S320 SRP-S3000 / SRP-S200 SRP-382plus / SRP-S300II SPP-300	9600/19200/38400/57600/ 115200	Mono Thermal	203dpi
SRP-383	9600/19200/38400/57600/ 115200	Mono Thermal	300dpi
SPP-R200 SPP-R200II / SPP-R200III SPP-R300 / SPP-R310 SPP-R400 / SPP-R410	9600/19200/38400/57600/ 115200	Mono Thermal	203dpi

G30	9600/19200/38400/57600/ 115200	Mono Thermal	203dpi
BK3-2 / BK3-3 BK5-3 / BK5-4	9600/19200/38400/57600/ 115200	Mono Thermal	203dpi

- Check the default communication setting. For more details refer to the user manual included in the printer package.
- A printer which does not support Serial Interface is not indicated.

2. Property / Method

2-1 Printer Type

• Property value will be determined by the printer type, as shown in the below table. (Some property values related to Receipt may be different depending on printer model.)

2 Color Dot printer list	SRP-275, SRP-275II, SRP-275III
Thermal printer list	STP-103III, SRP-330, SRP-350, SRP-350plus, SRP-352plus, SRP-350II, SRP-350plusII, SRP-352plusII, SRP-F310, SRP-F312, SRP-330II, SRP-332II, SRP-330III, SRP-332III, SRP-340II, SRP-342II, SRP-350III, SRP-352III, SRP-350plusIII, SRP-352plusIII, SRP-350V, SRP-352V, SRP-350plusV, SRP-352plusV, SRP-380, SRP-382, SRP-383, SRP-S300, SRP-S300II SRP-F310II, SRP-F312II, SRP-F313II, SRP-Q300, SRP-Q302, SRP-QE300, SRP-QE302, SRP-Q200, SRP-Q300II SRP-B300, SRP-B300II, SRP-S320, SRP-S3000, SRP-S200, SRP-E300, SRP-E302, SRP-380plus, SRP-382plus, BK3-2, BK3-3, BK5-3, BK5-4, SRP-G300, SPP-R200, SPP-R200II, SPP-R200III, SPP-R210, SPP-R220, SPP-R230, SPP-C200, CPP-C300, SPP-R300, SPP-R310, SPP-R400, SPP-R410, SPP-300 G30

2-2 Property Range / Default Value

2-2-1 Capability property setting value

Capability property	2 Color Dot	Thermal
Cap Compare Firmware Version	FALSE	FALSE
Cap Power Reporting	TRUE	TRUE
Cap Statistics Reporting	FALSE	FALSE
Cap Update Firmware	FALSE	FALSE
Cap Update Statistics	FALSE	FALSE
Cap Transaction	TRUE	TRUE
Cap Cover Sensor	TRUE	TRUE
Cap Concurrent Rec Slp	FALSE	FALSE
Cap Concurrent Jrn Slp	FALSE	FALSE
Cap Concurrent Jrn Rec	FALSE	FALSE
Cap Character Set	TRUE	TRUE
Cap Rec Underline	TRUE	TRUE
Cap Rec Page Mode	FALSE	TRUE
Cap Concurrent Page Mode	FALSE	FALSE
Cap Rec Stamp	FALSE	FALSE
Cap Rec Rotate180	TRUE	TRUE
Cap Rec Right 90	FALSE	TRUE
Cap Rec Papercut	TRUE	TRUE
Cap Rec Near End Sensor	FALSE	TRUE
Cap Rec Mark Feed	FALSE	FALSE
Cap Rec Left 90	FALSE	TRUE
Cap Rec Italic	FALSE	FALSE
Cap Rec Empty Sensor	TRUE	TRUE
Cap Rec Dwide Dhigh	TRUE	TRUE
Cap Rec Dwide	TRUE	TRUE
Cap Rec Dhigh	TRUE	TRUE
Cap Rec Color	TRUE	FALSE
Cap Rec Cartridge Sensor	FALSE	FALSE
Cap Rec Bold	TRUE	TRUE
Cap Rec Bitmap	TRUE	TRUE
Cap Rec BarCode	FALSE	TRUE
Cap Rec 2Color	TRUE	FALSE
Cap Rec Present	TRUE	TRUE



May be capability setting values are different depending on the printer model.

2-2-2 Property default value / Range

1) List Property

Model	Rec Line Chars List	Rec BarCode Rotation List	Font Type face List	Rec Bitmap List
STP-103III	“24,32”	“”	“”	0, L90, R90, 180
SRP-275 / SRP-275II SRP-275III	“33,40”	“”	“”	0, L90, R90, 180
SRP-330 SRP-330II / SRP-340II SRP-330III SRP-350 / SRP-350plus SRP-350II / SRP-350plusII SRP-350III SRP-350plusIII / SRP-350V / SRP-350plusV SRP-380 / SRP-380plus SRP-F310 / SRP-F310II SRP-Q300 / SRP-QE300 SRP-E300 / SRP-B300II	“42,56”	“”	“”	0, L90, R90, 180
SRP-332II / SRP-342II SRP-332III SRP-352III / SRP-352plus SRP-352plusII SRP-352plusIII SRP-352V / SRP-352plusV SRP-382 / SRP-S300 SRP-F312 / SRP-F312II SRP-Q302 / SRP-QE302 SRP-E302 / SRP-B300 SRP-S320 / SRP-S3000 SRP-382plus / SRP-Q300II SRP-S300II BK3-3 / BK5-3 SPP-300	“48,64”	“”	“”	0, L90, R90, 180
SRP-B300(42CPL)	“42,60”	“”	“”	0, L90, R90, 180
SRP-383	“48,72”	“”	“”	0, L90, R90, 180
SRP-F313II	“53,71”	“”	“”	0, L90, R90, 180
SRP-Q200 / SRP-S200 BK3-2	“36,48”	“”	“”	0, L90, R90,1 80
BK5-4	“72,96”	“”	“”	0, L90, R90,1 80
SRP-G300	“53,71”	“”	“”	0, L90, R90, 180
SPP-R200 / SPP-R200II SPP-R200III SPP-R210 / SPP-R220 SPP-R230 / SPP-C200	“32,42”	“”	“”	0, L90, R90, 180
SPP-R300 / SPP-R310	“48,64”	“”	“”	0, L90, R90, 180

SPP-C300				
SPP-R400 / SPP-R410	“69,92”	“”	“”	0, L90, R90, 180
G30	“48,64”	“”	“”	0, L90, R90, 180

2) Character Set List Property

Model	Value
SRP-275 SRP-275II / SRP-275III	437,850,860,863,1(Katakana),865,866,1252,852, 858,862,864,23(Thai42),1253,1254,1257,27(Farsi), 1251,737,775,255
STP-103III / SRP-350	437,850,1(Katakana),860,863,865,858,255
SRP-330 SRP-350plus / SRP-352plus	437,1(Katakana),850,860,863,865,1252,866,852, 858,862,864,23(Thai42),1253,1254,1257,27(Farsi), 1251,737,775,31(Thai14),32(Hebrew Old),1255, 34(Thai11),35(Thai18),855,857,928,39(Thai16), 1256,255
SRP-330II / SRP-332II SRP-330III / SRP-332III SRP-340II / SRP-342II SRP-350II SRP-350plusII / SRP-352plusII SRP-350III / SRP-352III SRP-350plusIII / SRP-352plusIII SRP-350V / SRP-350plusV SRP-352V / SRP-352plusV SRP-F310 / SRP-F312 SRP-F310II / SRP-F312II SRP-F313II / SRP-S300 SRP-QE300 / SRP-QE302 SRP-E300 / SRP-E302 SRP-Q200 / SRP-B300 SRP-S320 / SRP-S3000 SRP-S200 / SRP-S300II SRP-380plus / SRP-382plus SRP-Q300II / SRP-B300II BK3-2 / BK3-3 BK5-3 / BK5-4 SRP-G300 SPP-R200 / SPP-C200 SPP-C300 SPP-R200II / SPP-R200III SPP-R210 / SPP-R220 / SPP-R230 SPP-R300 / SPP-R310 SPP-R400 / SPP-R410 SPP-300	437,1(Katakana),850,860,863,865,1252,866,852, 858,862,864,23(Thai42),1253,1254,1257,27(Farsi), 1251,737,775,31(Thai14),32(Hebrew Old),1255, 34(Thai11),35(Thai18),855,857,928,39(Thai16), 1256,1258,42(Khmer),1250,255,949,932,950,936
SRP-Q300 / SRP-Q302 SRP-380 / SRP-382 / SRP-383	997,437,1(Katakana),850,860,863,865,1252,866,852,858, 862,864,23(Thai42),1253,1254,1257,27(Farsi), 1251,737,775,31(Thai14),1255,34(Thai11),874, 35(Thai18),855,857,928,39(Thai16),1256,1258, 42(KHMER),1250,255,949,932,950,936
G30	437,1(Katakana),850,860,863,865,1252,866,852, 858,862,864,23(Thai42),1253,1254,1257,27(Farsi),

	1251,737,775,31(Thai14),32(Hebrew Old),1255, 34(Thai11),35(Thai18),855,857,928,39(Thai16), 1256,1258,42(Khmer),1250,255,949,932,950,936

3) Receipt Width ad Height Property

Model	Rec Line Height	Rec Line Width	Rec Line Paper Cut
STP-103III	24	342	5
SRP-275 SRP-275II / SRP-275III	9	512	9
SRP-330 SRP-330II / SRP-340II SRP-330III SRP-350 / SRP-350plus SRP-350II / SRP-350plusII SRP-350III / SRP-350plusIII SRP-350V / SRP-350plusV SRP-380 / SRP-380plus SRP-F310 / SRP-F310II SRP-Q300 / SRP-QE300 SRP-E300 / SRP-B300II	24	512	5
SRP-332II / SRP-342II SRP-332III SRP-352plus / SRP-352plusII SRP-352III / SRP-352plusIII SRP-352V / SRP-352plusV SRP-382 / SRP-S300 SRP-F312 / SRP-F312II SRP-Q302 / SRP-QE302 SRP-E302 / SRP-B300 SRP-S320 / SRP-S3000 SRP-382plus / SRP-Q300II SRP-S300II	24	576	5
SRP-B300 (42CPL)	24	546	5
SRP-383	34	864	5
SRP-F313II	24	640	5
SRP-Q200 / BK3-2	24	432	3
BK3-3	24	576	3
BK5-4	24	864	3
SRP-G300	24	640	4
SRP-S200	24	432	5
SPP-R200 / SPP-C200 SPP-R200II / SPP-R200III SPP-R210 / SPP-R220 SPP-R230	24	384	5
SPP-R300 / SPP-R310 SPP-C300	24	576	5
SPP-R400 / SPP-R410	24	832	5
SPP-300	24	576	2
G30	24	576	5

4) Rec Line Spacing Property

Property	Range		
	Default	Max	Min
Rec Line Spacing	16	127	0

2-2-3 POS Printer Method

Method	Value
Begin Insertion	X
Begin Removal	X
Change Print Side	X
Clear Print Area	O
Cut Paper	O
Draw Ruled Line	X
End Insertion	X
End Removal	X
Mark Feed	X
Page Mode Print	O (Dot, Ink type printer unsupported)
Print BarCode	O
Print Bitmap	O
Print Immediate	O
Print Memory Bitmap	X
Print Normal	O
Print Two Normal	X
Rotate Print	O
Set Bitmap	O
Set Logo	O
Transaction Print	O
Validate Data	O

O: Supported X: Not supported

2-2-4 POS Printer Escape Sequences

Escape Sequence	Value
[#]P	O (Value range: 0~100)
[#]fP	O (Value range: 0~100)
[#]sP	X
sL	X
[#]B	O (Value range: 1~20)
tL	O
bL	O
[#]lF	O (Value range: 0~9999)
[#]uF Base Pitch [inch]	O
[#]rF Maximum [inch]	X
#E	X
#R	X
#dL	X
#fT	O
[!]bC	O
[!][#]uC	O
[!]iC	X
[#]rC	O
[!]rvC	O
[#]sC	X
1C	O
2C	O
3C	O
4C	O
#hC	O
#vC	O
[#]fC	X
[!]tbC	X
[!]tpC	X
cA	O
rA	O
lA	O
[!][#]stC	X
N	O

O: Supported X: Not supported

2-2-5 Color bitmap printing support

• BIXOLON Java POS Driver supports following image formats.
  - GIF, JPG, BMP Image Format.
• The image will be converted into Mono color or 2 Colors depending on printer model.

3. Extended Functions

This section is to explain Direct IO method.
This method will operate properly only with BIXOLON POS printer.

3-1 Direct IO Method / Commands Description

Argument	Explanation	Type
Command	Pre-define constant	Long
pData	Number of output data / Value defined by command	Long
pString	Output Data	String

Command	Constant value	Description
PTR _DI_OUTPUT	0	Output defined pString data
PTR_DI_INTERNATIONAL_CHAR	1	International character set define
PTR_DI_MOBILE_MSR_READ	2	Read the MSR data
PTR_DI_MOBILE_MSR_READ_TRACK1	3	Get the Track 1 information from MSR data
PTR_DI_MOBILE_MSR_READ_TRACK2	4	Get the Track 2 information from MSR data
PTR_DI_MOBILE_MSR_READ_TRACK3	5	Get the Track 3 information from MSR data
PTR_DI_MOBILE_MSR_READ_CLEAR	6	Clear the MSR Data
PTR_DI_G30_ALARM	7	Play the alarm (G30 only)
PTR_DI_GET_PRESENTER_STATUS	8	Check BK3-3 Presenter's status
PTR_DI_RETRACT_PAPER	9	Retract the paper (Retractor model only)
PTR_DI_EJECT_AND_RETRACT_PAPER	10	Eject the paper, and retract it after the set time has elapsed (Retractor model only)

3-2 Direct IO Command

3-2-1 Direct Output

Argument	Command	PTR_DI_OUTPUT
	pData	Null
	pString	Output data
Description	Sends data without any process after checking printer status. “pString” is not affected by “Binary Conversion”	
Return	Result Code	Result Code Extended
	JPOS_SUCCESS	0
	JPOS_E_CLOSED	0
	JPOS_E_CLAIMED	0
	JPOS_E_NOTCLAIMED	0
	JPOS_E_DISABLED	0
	JPOS_E_BUSY	0
	JPOS_E_ILLEGAL	0
	JPOS_E_OFFLINE	0
	JPOS_E_FAILURE	0

3-2-2 International character set setting

Argument	Command	PTR _DI_INTERNATIONAL_CHAR
	pData	pre-defined constant PRN_DI_CHAR_USA: 0 PRN_DI_CHAR_FRANCE: 1 PRN_DI_CHAR_GERMANY: 2 PRN_DI_CHAR_UK: 3 PRN_DI_CHAR_DENMARK1: 4 PRN_DI_CHAR_SWEDEN: 5 PRN_DI_CHAR_ITALY: 6 PRN_DI_CHAR_SPAIN1: 7 PRN_DI_CHAR_JAPAN: 8 PRN_DI_CHAR_NORWAY: 9 PRN_DI_CHAR_DENMARK2: 10
	pString	Null
Description	Sets International character set. If Character Set property value is changed, International character set will be reset.	
Return	Result Code	Result Code Extended
	JPOS_SUCCESS	0
	JPOS_E_CLOSED	0
	JPOS_E_CLAIMED	0
	JPOS_E_NOTCLAIMED	0
	JPOS_E_DISABLED	0
	JPOS_E_BUSY	0
	JPOS_E_ILLEGAL	0
	JPOS_E_OFFLINE	0
	JPOS_E_FAILURE	0

3-2-3 Read the MSR data of mobile printer

Argument	Command	PTR_DI_MOBILE_MSR_READ
	pData	Null
	pString	Null
Description	Read the MSR data. Track information is read using PTR_DI_MOBILE_MSR_READ_TRACK command.	
Return	Result Code	Result Code Extended
	JPOS_SUCCESS	0
	JPOS_E_ILLEGAL	0

3-2-4 Get the track information of MSR Data

Argument	Command	PTR_DI_MOBILE_MSR_READ_TRACK1 PTR_DI_MOBILE_MSR_READ_TRACK2 PTR_DI_MOBILE_MSR_READ_TRACK3
	pData	Null
	pString	Appropriate Track information
Description	Get the Track information from MSR data.	
Return	Result Code	Result Code Extended
	JPOS_SUCCESS	0
	JPOS_E_ILLEGAL	0

3-2-5 Clear the MSR data

Argument	Command	PTR_DI_MOBILE_MSR_READ_CLEAR
	pData	Null
	pString	Null
Description	Clear the MSR data.	
Return	Result Code	Result Code Extended
	JPOS_SUCCESS	0
	JPOS_E_ILLEGAL	0

3-2-6 Play the alarm (G30 only)

Argument	Command	PTR_DI_G30_ALARM
	pData	Alarm play count
	pString	Null
Description	Play the alarm the number of times passed in as an argument (pData).	
Return	Result Code	Result Code Extended
	JPOS_SUCCESS	0
	JPOS_E_ILLEGAL	0

3-2-7 Check BK3-3 Presenter's status

Argument	Command	PTR_DI_GET_PRESENT_STATUS
	pData	Input buffer
	pString	Null
Description	Check BK3-3 Presenter's status. The status value is saved in pData after executing Direct IO command. status: Paper near end(0x01), Paper Empty(0x04), Paper in(0x08), Paper jam(0x80)	
Return	Result Code	Result Code Extended
	JPOS_SUCCESS	0
	JPOS_E_ILLEGAL	0

3-2-8 Retract the paper (Retractor model only)

Argument	Command	PTR_DI_RETRACT_PAPER
	pData	Null
	pString	Null
Description	Retract the ejected paper.	
Return	Result Code	Result Code Extended
	JPOS_SUCCESS	0
	JPOS_E_ILLEGAL	0

3-2-9 Eject and retract paper (Retractor model only)

Argument	Command	PTR_DI_EJECT_AND_RETRACT_PAPER
	pData	Paper retract timeout(sec)
	pString	Null
Description	Eject the paper, and retract it after the set time(pData) has elapsed.	
Return	Result Code	Result Code Extended
	JPOS_SUCCESS	0
	JPOS_E_ILLEGAL	0

3-3 Direct IO Event

• Not used.

4. Error Information

This section is to explain returned error information when use POS Printer methods.
For more details, please refer to the UPOS specifications.

4-1 Result Code List

4-1-1 Claim method

Method	Result Code	Result Code Extended
Claim	JPOS_SUCCESS	0
	JPOS_E_ILLEGAL	JPOS_EPTR_UNRECOVERABLE
		JPOS_EPTR_MECHANICAL
		JPOS_EPTR_CUTTER
		JPOS_EPTR_OVERHEAT
		JPOS_EPTR_REC_EMPTY
		JPOS_EPTR_JRN_EMPTY

4-1-2 Check Health method

Method	Result Code	Result Code Extended
Check Health	JPOS_SUCCESS	0
	JPOS_E_CLOSED	0
	JPOS_E_CLAIMED	0
	JPOS_E_DISABLED	0
	JPOS_E_ILLEGAL	0
	JPOS_E_OFFLINE	0
	JPOS_E_FAILURE	JPOS_EPTR_UNRECOVERABLE
		JPOS_EPTR_CUTTER
		JPOS_EPTR_MECHANICAL
		JPOS_EPTR_OVERHEAT

4-1-3 Clear Output method

Method	Result Code	Result Code Extended
Clear Output	JPOS_SUCCESS	0
	JPOS_E_CLOSED	0
	JPOS_E_CLAIMED	0
	JPOS_E_NOTCLAIMED	0

4-1-4 Direct IO method

Method	Result Code	Result Code Extended
Direct IO	JPOS_SUCCESS	0
	JPOS_E_CLOSED	0
	JPOS_E_CLAIMED	0
	JPOS_E_NOTCLAIMED	0
	JPOS_E_DISABLED	0
	JPOS_E_ILLEGAL	0
	JPOS_E_OFFLINE	0
	JPOS_E_FAILURE	JPOS_EPTR_UNRECOVERABLE
		JPOS_EPTR_CUTTER
		JPOS_EPTR_MECHANICAL
		JPOS_EPTR_OVERHEAT
	JPOS_E_EXTENDED	JPOS_EPTR_COVER_OPEN
		JPOS_EPTR_JRN_EMPTY
		JPOS_EPTR_REC_EMPTY

4-1-5 Print Normal method

Method	Result Code	Result Code Extended
Print Normal	JPOS_SUCCESS	0
	JPOS_E_CLOSED	0
	JPOS_E_CLAIMED	0
	JPOS_E_NOTCLAIMED	0
	JPOS_E_DISABLED	0
	JPOS_E_ILLEGAL	0
	JPOS_E_OFFLINE	0
	JPOS_E_FAILURE	JPOS_EPTR_UNRECOVERABLE
		JPOS_EPTR_CUTTER
		JPOS_EPTR_MECHANICAL
		JPOS_EPTR_OVERHEAT
	JPOS_E_EXTENDED	JPOS_EPTR_COVER_OPEN
		JPOS_EPTR_JRN_EMPTY
		JPOS_EPTR_REC_EMPTY

4-1-6 Print Immediate method

Method	Result Code	Result Code Extended
Print Immediate	JPOS_SUCCESS	0
	JPOS_E_CLOSED	0
	JPOS_E_CLAIMED	0
	JPOS_E_NOTCLAIMED	0
	JPOS_E_DISABLED	0
	JPOS_E_ILLEGAL	0
	JPOS_E_OFFLINE	0
	JPOS_E_FAILURE	JPOS_EPTR_UNRECOVERABLE
		JPOS_EPTR_CUTTER
		JPOS_EPTR_MECHANICAL
		JPOS_EPTR_OVERHEAT
	JPOS_E_EXTENDED	JPOS_EPTR_COVER_OPEN
		JPOS_EPTR_JRN_EMPTY
		JPOS_EPTR_REC_EMPTY

4-1-7 Cut Paper method

Method	Result Code	Result Code Extended
Cut Paper	JPOS_SUCCESS	0
	JPOS_E_CLOSED	0
	JPOS_E_CLAIMED	0
	JPOS_E_NOTCLAIMED	0
	JPOS_E_DISABLED	0
	JPOS_E_ILLEGAL	0
	JPOS_E_OFFLINE	0
	JPOS_E_FAILURE	JPOS_EPTR_UNRECOVERABLE
		JPOS_EPTR_CUTTER
		JPOS_EPTR_MECHANICAL
		JPOS_EPTR_OVERHEAT
	JPOS_E_EXTENDED	JPOS_EPTR_COVER_OPEN
		JPOS_EPTR_JRN_EMPTY
		JPOS_EPTR_REC_EMPTY

4-1-8 Rotate Print method

Method	Result Code	Result Code Extended
Rotate Print	JPOS_SUCCESS	0
	JPOS_E_CLOSED	0
	JPOS_E_CLAIMED	0
	JPOS_E_NOTCLAIMED	0
	JPOS_E_DISABLED	0
	JPOS_E_ILLEGAL	0
	JPOS_E_OFFLINE	0
	JPOS_E_FAILURE	JPOS_EPTR_UNRECOVERABLE
		JPOS_EPTR_CUTTER
		JPOS_EPTR_MECHANICAL
		JPOS_EPTR_OVERHEAT
	JPOS_E_EXTENDED	JPOS_EPTR_COVER_OPEN
		JPOS_EPTR_JRN_EMPTY
		JPOS_EPTR_REC_EMPTY

4-1-9 Print Bitmap method

Method	Result Code	Result Code Extended
Print Bitmap	JPOS_SUCCESS	0
	JPOS_E_CLOSED	0
	JPOS_E_CLAIMED	0
	JPOS_E_NOTCLAIMED	0
	JPOS_E_DISABLED	0
	JPOS_E_ILLEGAL	0
	JPOS_E_OFFLINE	0
	JPOS_E_FAILURE	JPOS_EPTR_UNRECOVERABLE
		JPOS_EPTR_CUTTER
		JPOS_EPTR_MECHANICAL
		JPOS_EPTR_OVERHEAT
	JPOS_E_NOEXIST	0
	JPOS_E_EXTENDED	JPOS_EPTR_COVER_OPEN
		JPOS_EPTR_JRN_EMPTY
		JPOS_EPTR_REC_EMPTY
		JPOS_EPTR_SLP_EMPTY
		JPOS_EPTR_TOOBIG
		JPOS_EPTR_BADFORMAT

4-1-10 Set Bitmap method

Method	Result Code	Result Code Extended
Set Bitmap	JPOS_SUCCESS	0
	JPOS_E_CLOSED	0
	JPOS_E_CLAIMED	0
	JPOS_E_NOTCLAIMED	0
	JPOS_E_DISABLED	0
	JPOS_E_ILLEGAL	0
	JPOS_E_OFFLINE	0
	JPOS_E_FAILURE	JPOS_EPTR_UNRECOVERABLE
		JPOS_EPTR_CUTTER
		JPOS_EPTR_MECHANICAL
		JPOS_EPTR_OVERHEAT
	JPOS_E_NOEXIST	0
	JPOS_E_EXTENDED	JPOS_EPTR_COVER_OPEN
		JPOS_EPTR_JRN_EMPTY
		JPOS_EPTR_REC_EMPTY
		JPOS_EPTR_SLP_EMPTY
		JPOS_EPTR_TOOBIG
		JPOS_EPTR_BADFORMAT

4-1-11 Set Logo method

Method	Result Code	Result Code Extended
Set Logo	JPOS_SUCCESS	0
	JPOS_E_CLOSED	0
	JPOS_E_CLAIMED	0
	JPOS_E_NOTCLAIMED	0
	JPOS_E_DISABLED	0
	JPOS_E_ILLEGAL	0

4-1-12 Transaction Print method

Method	Result Code	Result Code Extended
Transaction Print	JPOS_SUCCESS	0
	JPOS_E_CLOSED	0
	JPOS_E_CLAIMED	0
	JPOS_E_NOTCLAIMED	0
	JPOS_E_DISABLED	0
	JPOS_E_ILLEGAL	0
	JPOS_E_OFFLINE	0
	JPOS_E_FAILURE	JPOS_EPTR_UNRECOVERABLE
		JPOS_EPTR_CUTTER
		JPOS_EPTR_MECHANICAL
		JPOS_EPTR_OVERHEAT
	JPOS_E_NOEXIST	0
	JPOS_E_EXTENDED	JPOS_EPTR_COVER_OPEN
		JPOS_EPTR_JRN_EMPTY
		JPOS_EPTR_REC_EMPTY
		JPOS_EPTR_SLP_EMPTY

5. Precautions

• The BIXOLON Java POS software package that is installed supports devices offered by BIXOLON. Normal operation is not guaranteed when used with other devices.

• Errors in operation may occur if installed with another Java POS Driver.

• If an unknown issue occurs, either contact the dealer or submit an inquiry at the website below for fast response.
www.bixolon.com

Revision history

Ver.	Date	Description
4.00	11-12-2017	New
4.01	21-08-2018	Add new model
4.02	06-03-2019	Add model SRP-Q200
4.03	16-09-2020	1. Add model SRP-B300, SRP-S320, SRP-S3000 2. Merged mono color thermal printer list with two color printer list
4.04	24-02-2021	Change the font in the manual
		Add model SRP-S200
4.05	06-10-2021	Add model SPP-C200
4.06	06-12-2021	Add model SPP-C300
4.07	24-05-2022	Add model SRP-330III, SRP-332III
4.08	02-06-2022	Add model SRP-350V, SRP-350plusV, SRP-352V, SRP-352plusV
4.09	21-07-2022	Add model SRP-380II, SRP-382II
4.10	22-03-2023	Add model G30, Add contents of Direct IO
4.11	12-10-2023	Add model SRP-Q300II
4.12	03-06-2024	Add model SRP-S300II
4.13	26-12-2024	1. Add retractor related content for BK series 2. Change model names of SRP-380II, SRP-382II Changed model names: SRP-380plus, SRP-382plus
4.14	01-04-2025	Add model BK3-2, BK3-3, BK5-3, BK5-4, SRP-G300
4.15	28-04-2025	Add model SRP-B300II
4.16	06-11-2025	Add model SPP-300
4.17	05-02-2026	Add model SPP-R230