

**BIXOLON**

Application Programming Guide

# Java POS Driver

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Ver. 4.10

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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-380II SRP-E300	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-382II	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



- 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-F310II, SRP-F312II, SRP-F313II, SRP-Q300, SRP-Q302, SRP-QE300, SRP-QE302, SRP-Q200, SRP-B300, SRP-S320, SRP-S3000, SRP-S200, SRP-E300, SRP-E302, SRP-380II, SRP-382II, SPP-R200, SPP-R200II, SPP-R200III, SPP-R210, SPP-R220, SPP-C200, CPP-C300, SPP-R300, SPP-R310, SPP-R400, SPP-R410, 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-380II SRP-F310 / SRP-F310II SRP-Q300 / SRP-QE300 SRP-E300	"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-382II	"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	"36,48"	""	""	0, L90, R90, 180
SPP-R200 / SPP-R200II SPP-R200III SPP-R210 / SPP-R220 SPP-C200	"32,42"	""	""	0, L90, R90, 180
SPP-R300 / SPP-R310 SPP-C300	"48,64"	""	""	0, L90, R90, 180
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-380II / SRP-382II SPP-R200 / SPP-C200 SPP-C300 SPP-R200II / SPP-R200III SPP-R210 / SPP-R220 SPP-R300 / SPP-R310 SPP-R400 / SPP-R410	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 and 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-380II SRP-F310 / SRP-F310II SRP-Q300 / SRP-QE300 SRP-E300	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-382II	24	576	5
SRP-B300 (42CPL)	24	546	5
SRP-383	34	864	5
SRP-F313II	24	640	5
SRP-Q200	24	432	3
SRP-S200	24	432	5
SPP-R200 / SPP-C200 SPP-R200II / SPP-R200III SPP-R210 / SPP-R220	24	384	5
SPP-R300 / SPP-R310 SPP-C300	24	576	5
SPP-R400 / SPP-R410	24	832	5
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)

## 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

## 3-3 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](http://www.bixolon.com)

## Revision history

[illegible]