### ◆ Information

This installation guide contains quick information required for the product installation. Please refer to the Software and Documents provided on the Download section of the BIXOLON Website(http://www.bixolon.com) for more information on how to setup.

1. Manual: User's Manual, Code Table, Control Commands, Software manuals
2. Driver: Windows, OPOS, CUPS(Linux, Mac), VCOM(USB, Ethernet)
3. SDK: UPOS SDK(iOS)
4. Utility: Unified POS Utility, Net Configuration Tool, Android Utility, iOS Utility

We at BIXOLON maintain ongoing efforts to enhance and upgrade the functions and quality of all our products. In following, product specifications and/or user manual content may be changed without prior notice. Please refer to the BIXOLON website for the addresses and phone numbers of the company's headquarters and branch offices.
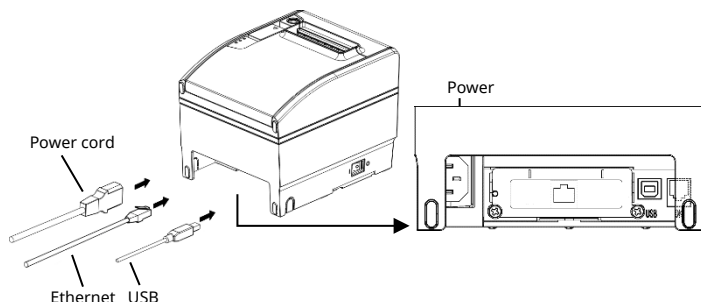
◆ Components

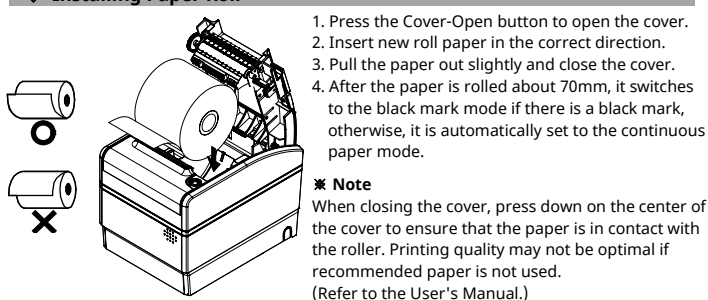SRP-S300

Partition 2ea

Installation Guide
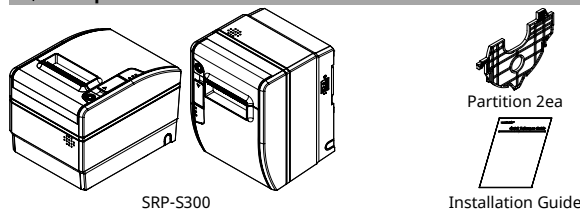
◆ Cable Connection

1. Turn off the printer and peripheral devices.
2. Connect the power cord to the adapter and connect the adapter to the power supply connector of the printer.
3. Interfaces at the back of the printer (USB, Serial, Parallel, Ethernet, Powered USB, Bluetooth, Wireless LAN) and connect the interface cable.
4. Connect the drawer kick-out cable to the drawer kick-out connector of the printer.
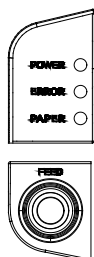
※ **Do not use an adapter that was not supplied with the printer.**

Power cord

Ethernet USB

Power

◆ Installing Paper Roll

1. Press the Cover-Open button to open the cover.
2. Insert new roll paper in the correct direction.
3. Pull the paper out slightly and close the cover.
4. After the paper is rolled about 70mm, it switches to the black mark mode if there is a black mark, otherwise, it is automatically set to the continuous paper mode.

※ **Note**
When closing the cover, press down on the center of the cover to ensure that the paper is in contact with the roller. Printing quality may not be optimal if recommended paper is not used.
(Refer to the User's Manual.)

◆ Using Control Panel

• **POWER LED**
The POWER light is on whenever the printer is on.
• **ERROR LED**
This indicates an error.
• **PAPER LED**
This light indicates the near end of the paper roll. Install a new paper roll and the printer will continue printing. When the light blinks, it indicates the self-test printing standby state or macro execution Standby state when the macro execution command is used.
• **FEED Button**
Press the FEED button once to advance paper one line.
You can also hold down the FEED button to feed paper continuously.

◆ Mounting Partition(40, 58, 62mm)

Refer to the user manual for detailed instruction.

◆ Using 83mm Paper Roll

Refer to the user manual for detailed instruction.

◆ DIP Switch Setting

DIP switch settings should be changed when the printer power is turned off.
Any changes made while printer power is on are not recognized.

1. DIP Switch 1

• Serial Interface Setting

Switch	Function	ON	OFF	Default
1-1	Auto Line Feed	Enabled	Disabled	OFF
1-2	Flow Control	XON/XOFF	DTR/DSR	OFF
1-3	Data Length	7 bits	8 bits	OFF
1-4	Parity Check	Yes	No	OFF
1-5	Parity Selection	EVEN	ODD	OFF
1-6				OFF
1-7	Baud Rate(bps)	Refer to the following Table 1		ON
1-8				OFF

• USB / Ethernet Interface Setting

Switch	Function	ON	OFF	Default
1-1	Auto Line Feed	Enabled	Disabled	OFF
1-2~6	Reserved	-	-	OFF
1-7	Reserved	-	-	ON
1-8	Reserved	-	-	OFF

• Table 1 – Baud Rate(bps) Selection

Baud Rate Speed	1-6	1-7	1-8	Default
2400	ON	OFF	OFF	
4800	ON	OFF	ON	
9600	OFF	ON	OFF	
19200	OFF	OFF	OFF	9600
38400	OFF	ON	ON	
57600	OFF	OFF	ON	
115200	ON	ON	ON	

2. DIP Switch 2

Switch	Function	ON	OFF	Default
2-1	Reserved	-	-	OFF
2-2	Black Mark Sensor	Disable	Enable	OFF
2-3	Internal Bell Control	Disabled	Enabled	OFF
2-4	Taken Sensor [*1]	Disable	Enable	OFF
2-5				OFF
2-6	Printing Density	Refer to the following Table 2		OFF
2-7				OFF
2-8	Auto External Buzz	Enabled	Disabled	OFF

[*1] both taken sensing and back feeding are disabled when 2-4 is on.

• Table 2 – Printing Density Selection

Printing Density	2-5	2-6	2-7	Default
Level 1	OFF	OFF	OFF	
Level 2	ON	OFF	OFF	
Level 3	OFF	ON	OFF	- Level 1 is Default
Level 4	ON	ON	OFF	- Level 6 is Darkest
Level 5	OFF	OFF	ON	
Level 6	ON	OFF	ON	

※ **Print Density**
The print density can be set to one of eighteen different levels through virtual memory switches.

Dip Switch		Density			Density Level
		Light		Dark	
Speed	6(High Speed)			3	Level 1
	5			6	Level 2
	4			9	Level 3
	3			12	Level 4
	2			15	Level 5
	1(Low Speed)			18	Level 6

Memory Switch		Density			Density Level
		Light		Dark	
Speed	6(High Speed)	1	2	3	Level 1
	5	4	5	6	Level 2
	4	7	8	9	Level 3
	3	10	11	12	Level 4
	2	13	14	15	Level 5
	1(Low Speed)	16	17	18	Level 6

* Choose Unified Utility or Self-Test mode to set the print density using the VMSM. (Virtual Memory Switch Management)
* Change in DIP Switch settings are recognized only when the printer power is turned on or when the printer is reset by using the interface. If the DIP Switch setting is changed after the printer power is turned on, the change does not take effect until the printer is turned on again or is reset.

◆ Self-Test

1. Check whether the paper is inserted correctly.
2. Turn on the printer while depressing the Feed button. Self-diagnostics will begin.

3. The printer prints the current status of the printer such as the version of the ROM and DIP switch setting.
4. The printer prints the current status and stops after printing the following statement. (PAPER indicator keeps blinking.)

<div align="center">

SELF-TEST PRINTING.
SELECT MODES BY PRESSING FEED BUTTON.
Continuous SELF-TEST : Less than 1 second
VMSM Selection : 1second or more

</div>

5. Press the FEED button for less than 1 second to perform **"Continuous SELF-TEST"**.
   Hold down the FEED button for 1 second or longer to perform **"VMSM Selection"**.
   1) Self-Test
   1-1) If you press the FEED button for less than 1 second, the printer will print in the preset character type.
   1-2) The self-test completes automatically and cuts the paper after printing the following line.

<div align="center">

*** COMPLETED ***

</div>

   1-3) The printer goes into standby mode when the self-test is complete.
   2) Virtual Switch Setting Mode
   2-1) When the printer goes into virtual switch-setting mode, the following lines will be printed.

<div align="center">

** VMSM Selection **
0: Exit and Reboot Printer
1: Print Current Settings
2: Set Print Density
3: Set Print Speed
4: Set Cutting Mode
5: Beep-once Alarm
6: Continuous Alarm
7: Set Black Mark Cut Position *1)
8 or more: None

</div>

   *1) Sticky, Re-stick, Linerless Extreme Model only
   2-2) Make sure to press the FEED button to perform the above functions.
      2-2-1) Step 1: The number indicates the number of times the FEED button needs to be pressed. Make sure to press it for less than 1 second.
      2-2-2) Step 2: Hold down the FEED button for 1 second or longer to enter the selected item. If there is no selected item in Step 1, select "0: Exit and reboot printer" to exit.
   2-3) When the new settings are applied, hold down the FEED button for 1 second or longer to save the changes. Cut the paper when the following line is printed.
      (If "0: Exit and reboot printer" is not performed, the new settings will not be saved.)

<div align="center">

*** COMPLETED ***

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6. The settings will take effect after the printer reboots.

※ **Note**
You can check whether the printer operates normally or not through self-diagnostics.
You can check printing quality, ROM version, and DIP switch settings through self-diagnostics.

◆ **WEEE(Waste Electrical and Electric Equipment)**

This marking shown on the product or its literature, indicates that is should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources. Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling. Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

Do not plug in or unplug with your hands wet.
• You can be electrocuted.

PROHIBITED

Do not bend the cable by force or leave it under any heavy object.
• A damaged cable can cause a fire.

PROHIBITED
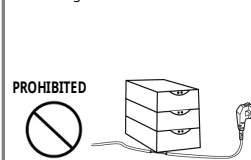
⚠ **CAUTION**
Violating following instructions can cause slight wound or damage the appliance.

If you observe a strange smoke, odor or noise from the printer, unplug it before taking following measures.
• Switch off the printer and unplug the set from the mains.
• After the disappearance of the smoke, call your dealer to repair it.
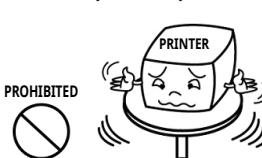
TO UNPLUG   PRINTER

Keep the desiccant out of children's reach.
• If not, they may eat it.

PROHIBITED

Install the printer on the stable surface.
• If the printer falls down, it can be broken and you can hurt yourself.
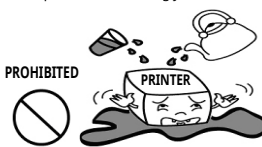
PRINTER
PROHIBITED

Use only approved accessories and do not try to disassemble, repair or remodel it for yourself.
• Call your dealer when you need these services.
• Do not touch the blade of auto cutter.

DISASSEMBLING
PROHIBITED   PRINTER

Do not let water or other foreign objects in the printer.
• If this happened, switch off and unplug the printer before calling your dealer.

PROHIBITED   PRINTER

Do not use the printer when it is out of order. This can cause a fire or an electrocution.
• Switch off and unplug the printer before calling your dealer.

TO UNPLUG   PRINTER DEALER

◆ **Safety Precautions**

When using the present appliance, please adhere to the following safety regulations to prevent any hazard or material damage.
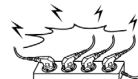
⚠ **WARNING**
Violating following instructions can cause serious injury or death.

Do not plug several products in one multi-outlet.
• This can provoke over-heating and a fire.
• If the plug is wet or dirty, dry or wipe it before usage.
• If the plug does not fit perfectly with the outlet, do not plug in.
• Be sure to use only standardized multi-outlets.
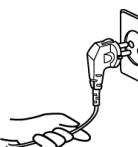
PROHIBITED

You must use only the supplied adapter.
• It is dangerous to use other adapters.

ONLY SUPPLIED ADAPTER
PROHIBITED
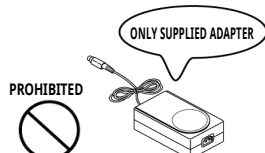
Do not pull the cable to unplug.
• This can damage the cable, which is the origin of a fire or a breakdown of the printer.

PROHIBITED

Keep the plastic bag out of children's reach.
• If not, a child may put the bag on his head.

PROHIBITED

◆ **Configuring the IP Address**

To set the IP address when using the Ethernet interface, you must use the Bixolon Net Configuration Tool. You can download the Bixolon Net Configuration Tool and accompanying documentation from the following locations:

SRP-S300 Downloads:
https://bixolon.com/download_view.php?idx=27#download-anchor05

User Guide:
https://bixolon.com/_upload/manual/Manual_User_SRP-S300_ENG_V2.00.pdf

Network Connection Manual:
https://bixolon.com/_upload/manual/Manual_Network_Connection_Thermal_POS_Printer_ENG_V1.02[12].pdf

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◆ **Oracle**

Website https://www.oracle.com/food-beverage/
Customer Support https://support.oracle.com

When contacting Customer Support, please provide the following:
• Product version and program/module name
• Functional and technical description of the problem (include business impact)
• Detailed step-by-step instructions to recreate
• Exact error message received
• Screenshots of each step you take

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