

Smart Printer SP1-VR/VRS

Quick Start Guide



Before Starting

Dear valuable customers, thank you for purchasing the SP1-VR/VRS. The Printer has an enhanced reliability and robust design. SP1-VR/VRS Printer equipped with an advanced micro processor which is fully compatible with RS232 interface to fulfill market requirement. The USB port supports firmware upgrade via USB flash drive, so user can download firmware easily.

Connect ICT DAB-VR box, SP1-VR/VRS can print invoices, SP1-VRS has a scanner that can scan mobile phone carriers.

Before installation starts, please check the package contents as below:

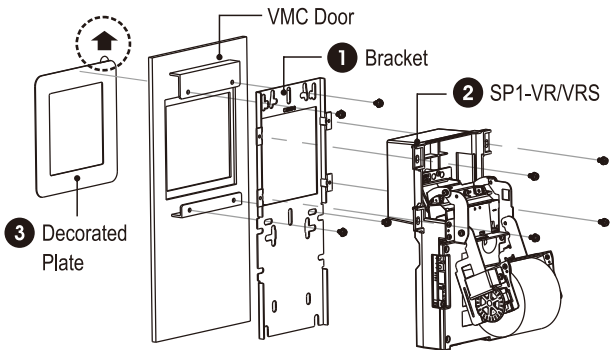
- SP1-VR/ SP1-VRS Printer & Cable
- Scanner Converter Box & Cable(For SP1-VRS only)
- Decorated Plate

Should you have further questions,
SP1-VR/VRS Installation instructions can be downloaded at:

www.ictgroup.com.tw

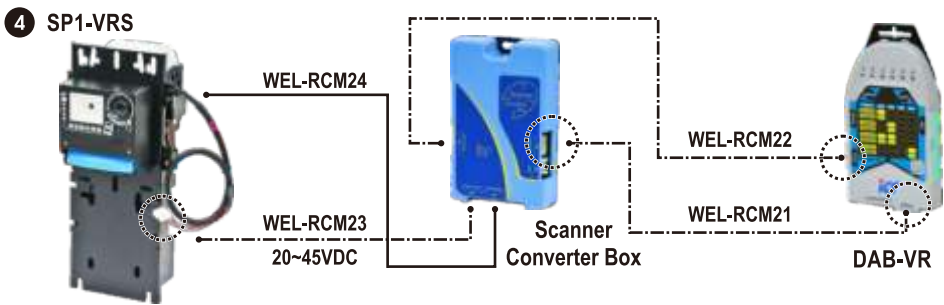
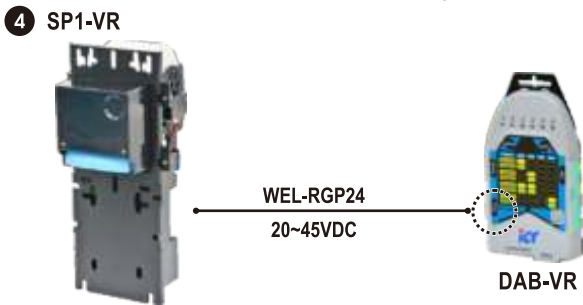
Select "Support" from menu, then select "Manual Download".

Installation



Turn off the vendor's power supply before installation.

- Step 1.
Select suitable hole of Bracket for hole of VMC door to install by screws.
- Step 2.
Let SP1-VR/VRS be fixed on Bracket by 4 screws.
- Step 3.
Paste Decorated plate on VMC.
(attention to the direction)
- Step 4.
Plug Power and Data communication cable to DAB-VR Device.



DIP Switch Setting

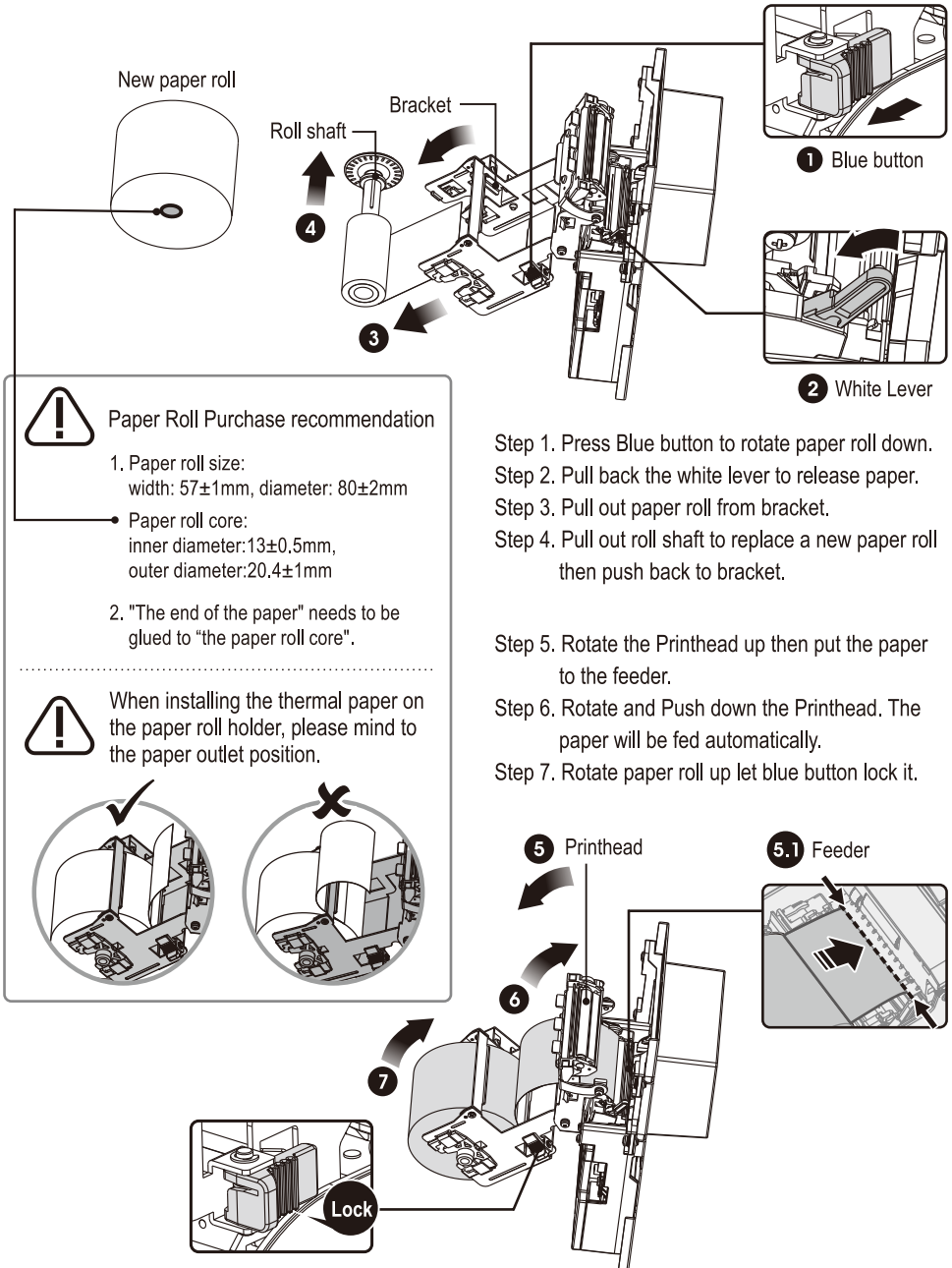
Function	SW1	SW2	SW3	SW4
DAB	OFF	OFF	OFF* /ON	OFF
ESC/POS A	ON	OFF		
ESC/POS E*	OFF	ON		
DIAGNOSTIC	ON	ON		

(*) Manufactory default



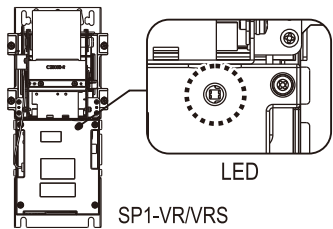
Note: **SW3 OFF***:
Thermal Head Position sensor error, system response error.
SW3 ON :
System would not response error, even Thermal Head Position sensor error, only no paper will response error.

How to replace a new paper roll?

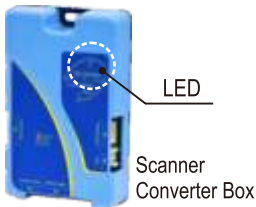


Troubleshooting

SP1-VR/VRS Back LED



LED Indicator	Status	Solution
Green	Standby.	
Red	Check Sum abnormal.	Contact technician.
Red flash 1 time	1. Moveable frame not close. 2. Thermal head no paper.	1. To make sure moveable frame is closed. 2. Re-feed paper.
Red flash 2 times	Cutter abnormal.	To make sure paper path jam-free.
Red flash 3 times	Out of paper or raster error.	Refill paper roll.
Red flash 4 times	Anti-jam abnormal.	To make sure paper path jam-free.
Red flash 5 times	SD card abnormal.	1. To make sure SD card inserted. 2. To make sure SD card format and specify the file exists.
Red flash 6 times	Printer head over heat.	
Orange light / Green light will flash alternately (1 sec)	In testing mode.	1. DIP switch is set as not to enter the test mode, and restart device. 2. If the DIPSW is set into the non-test mode, please contact technician.
Orange	System booting	
Orange light Flash	Firmware upgrading or USB data operation.	
Green light Flash	Printing	
Red light highly flash	Low paper warning	



Scanner Converter Box LED

LED Indicator	Status
Green flash	Connected
Red flash	Not connected
Red	Error occurred



If the error can not be solved after corrective actions or it recurs, please contact ICT for technical support.