

## SP1 Series

# Smart Printer

- QR code printing supported
- Full/Partial cut function
- Multiple interfaces
- ESC/POS command support
- Fast printing speed
- Support small & large paper rolls
- With/Without bezel option
- Option anti-jam / anti-drag device
- Anti-pulling mechanism (SP1-BDS)
- 12V / 24V power consumption available
- Micro SD card with large capacity for data storage



# SP1 Series

## Smart Printer

The brand new Smart Printer Series has a built-in real time clock that allow printer to print out the issue time for each ticket and it has an excellent reporting system provides daily and summary for the transaction reports. The Smart Printer Series tools is really user friendly which allow users to design their own print format and logo and they can also keep their own designed format in the memory card for later use.

### Specifications



#### Printing Method

Thermal dot-line printing



#### Printing Speed

Up to 90 mm/sec (96 dots)



#### Paper Size

Width: 56±0.5mm/ 2.2±0.02 inches

<Small Paper Roll>:

Outside Diameter: 78±0.5mm/ 3.07±0.02 inches

<Large Paper Roll>:(option)

Outside Diameter: 130±0.5mm/ 5.12±0.02 inches

**Note: Packing deliver with small paper roll, large paper roll by option.**



#### Resolution

W8 dots/ mm x H16 dots/ mm



#### Character Set

3 Fonts (8\*13, 16\*24, 24\*36)



#### Interface

Pulse, Hopper, Pot of Gold, FOD, ESC/POS  
RS232, USB

Setting /download: RS232, USB



#### Power Source

12V DC(10.8~13.2V DC)  
Min.140mA~Max.6A

24V DC(21.6~26.4V DC)  
Min.90mA~Max.3.5A



#### Power Consumption

Standby: 12V- 0.16A, 1.92W  
24V- 0.1A, 2.4W

Operation: 12V- 1.2A, 14.4W  
24V- 0.6A, 14.4W

Maximum: 12V- 6A, 72W  
24V- 3.5A, 84W



#### Dimension

**SP1-BDS(with Paper Roll/ Small Paper Roll):**

(D)170.1 x (W)100 x (H)120mm/

(D)6.7 x (W)3.94 x (H)4.72 inches

**SP1-BDL(with Paper Roll/ Large Paper Roll):**

(D)174.5 x (W)100 x (H)215.1mm/

(D)6.87 x (W)3.94 x (H)8.47 inches

**SP1-BNS(with Paper Roll/ Small Paper Roll):**

(D)149.1 x (W)100 x (H)120mm/

(D)5.87 x (W)3.94 x (H)4.72 inches

**SP1-BNL(with Paper Roll/ Large Paper Roll):**

(D)153.5 x (W)100 x (H)229.9mm/

(D)6.04 x (W)3.94 x (H)9.05 inches

**SP1-NNS(with Paper guide/ Small Paper Roll):**

(D)204.48 x (W)106 x (H)106.27mm/

(D)8.05 x (W)4.17 x (H)4.18 inches

**SP1-NNS(without Paper guide/ Small Paper Roll):**

(D)144.5 x (W)106 x (H)106.27mm/

(D)5.69 x (W)4.17 x (H)4.18 inches



#### Weight

Small Paper Roll Approx. 750 g /1.66 lbs

Large Paper Roll Approx. 850 g /1.88 lbs  
(without paper roll)



#### Environmental

Operation Temperature: 0°C/32°F~50°C/122°F

Storage Temperature: -30°C/-22°F~60°C/140°F

Humidity: 30%~85% (no condensation)



#### Recommended Applications

Indoor Gaming, Vending, Kiosk, Amusement

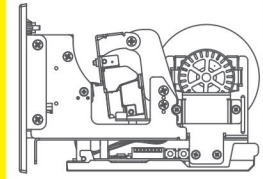


#### Accessory(option)

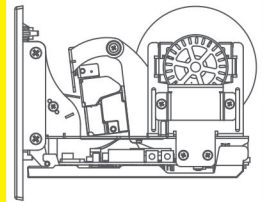
Paper guide(A47720-R)

SP1-NNx use only

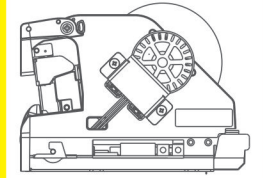
SP1-BDS- With Anti-drag



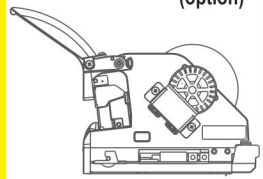
SP1-BNS- Without Anti-drag



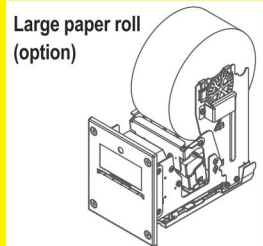
SP1-NNS- Without paper guide



SP1-NNS- With paper guide (option)



Large paper roll (option)



Specifications are subject to change without prior notice.

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