



# Label and Mobile

SLP-D420 / SLP-D423 / SLP-D220 / SLP-D223 / SLP-T400 / SLP-T403 / SPP-R200 / SPP-R300

# Printers

High-performance, High-reliability



## Direct thermal Label Printer

# SLP-D420/423

### Enhanced Hardware provided

- Fast Print Speed 6 inches Per Second (152mm per second).
- High speed USB 2.0 supported.
- High resolution (300 dpi optional) of printing
- Bigger memory capacity providing 4Mb flash memory & 8Mb SDRAM

### Upgraded Firmware included

- Vector font (Scalable font) supported
- Multi programming languages (Automatically Recognizable)

### SLCS, EPLII, ZPLII

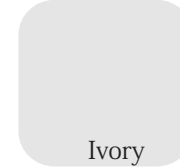
- 23 Code pages supported (included in the standard firmware)
- User Friendly Software included
- Windows barcode font supported
- Free label design program (Fully featured) provided

### Environment friendly features

- Lower power consumption, power save mode
- Other value-added features

- Short label (minimal height of label up to 6mm) printing supported
- Intelligent leap-over™ \*
- Optional external paper supplier for bigger size of paper

Body Collar



D-420 Dark Gray

## Thermal Transfer Label Printer

# SLP-T400/403

### Powerful Hardware provided

- Fast printing speed 6 inches per second, (152mm per second).
- High resolution (300 dpi optional) of printing SLP-T403
- Wide range of ribbon roll length from 74m to 300m
- Triple interface (Serial, Parallel, USB) all in one
- External/Internal Ethernet interface (Option)

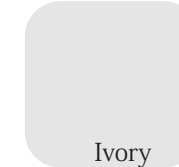
### Upgraded Firmware included

- 6 different languages supported (Programming languages)
- The label format can be stored in the printer and can be reused
- 2D barcode (Maxi code, PDF 417, QR Code, Data Matrix)
- Block printing (Line, Box, Slope etc.)
- 22 Code pages supported (included in the standard firmware)

### Customer Oriented Software tools

- Device Font Supported
- Command Programming Supported
- Userdefined Paper Size Supported
- Compatible Nice Label Program Provided
- Zoom Driver from A4 or Letter size to 4" size
- True Type font download tool supported
- unified label printer utility supported

Body Collar



T-400 Dark Gray

## Direct thermal Label Printer

# SLP-D220/223

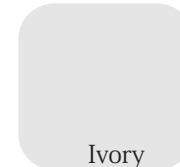
The biggest feature of SLP-D220 is strongly enhanced Hardware functions. The printing speed 6 inches per second (152mm/sec) and high resolution 300dpi supported. Well-constructed sensors are movable from side to side which means it supports various paper types and particular marked media rolls.

Optionally you can choose the model working with Restick paper as well. It does not only widen your references and applications but also for high working efficiency on your business.

1.3kg weight and 120\*230mm dimensions optimized the use of small footprint label printer SLP-D220 in anyplace.

- Peeler option available

Body Collar



D-220 Ivory

## Direct thermal mobile Printer

# SPP-R200/300

The SPP-R200 is a prudent choice for any mobile receipt printing application where you need fast on-demand printing with speeds up to 80mm per second (3.15inches/sec). The SPP-R200 also utilizes a long-life Lithium-ion battery with an 8 hour continuous operation life. (stand-by: 14 hours, Users are available to use up to 10 paper rolls( Φ 40mm) with one battery charge)

The optional magnetic card reader/Smart card Reader integrated into the printer allows credit cards to be processed immediately at the point of transaction, increasing the customer's sense of security since the credit card does not leave their sight.

The SPP-R300 addresses the needs of versatile mobile printing, providing users the best quality.

This 3 inch mobile receipt printer supports simple label printing using label paper and black mark paper. The print speed is up to 100mm/sec and patent applied AUTO BALANCER enhances printing quality on the low temperature. Various interface connection including Wireless LAN, Bluetooth, Serial and USB offer flexibility for users under various printing environments. The SPP-R300 utilizes long lasting lithium ion battery with 2,600mAH capacity and black mark sensor. Integrated toggle type Magnetic Stripe Reader(patent pending) allows credit cards to be processed immediately at the point of transaction.

The SPP-R300 is especially suitable for outdoor usage; compact and lightweight size, damage-resistance to multiple drops of up to 1.5 meter(5feet), enhanced water resistance with IPX2 and IP54(with protective case) certification and many valuable accessories.



R-300

# SPECIFICATIONS

## Label Printers

| Type                   | SLP-D220  | SLP-D223 | SLP-D420                           | SLP-D423                                | SLP-T400                          | SLP-T403 |
|------------------------|---|----------|------------------------------------|---|-----------------------------------|----------|
| Print                  | Direct Thermal  |          |                                    |   | Thermal Transfer / Direct Thermal |          |
|                        | 152mm/sec 152mm/sec 101mm/sec                           |          |                                    |   | 152mm/sec                         |          |
|                        | 203dpi  | 300dpi   | 203dpi                             | 300dpi                                  | 203dpi                            | 300dpi   |
| Paper Spec             | Paper type Gap, Notch, Black Mark, Continuous, Fan-Fold |          |                                    |   |                                   |          |
|                        | 15~60 mm  |          |                                    | 25mm~116 mm                             |                                   |          |
|                        | Outer 130 mm<br>Inner 12.5~38 mm                        |          | Outer 130 mm<br>Inner 25.4~38.1 mm |   |                                   |          |
| Reliability            | MCBF 20 Million lines                                   |          |                                    |   |                                   |          |
|                        | TPH 50 Km   |          |                                    |   |                                   |          |
| Sensor                 | Transmissive sensor                                     |          |                                    | Transmissive sensor                     |                                   |          |
|                        | Reflective sensor (Position adjustable)                 |          |                                    | Reflective sensor (Position adjustable) |                                   |          |
|                        | Head Open sensor  |          |                                    | Ribbon-End                              |                                   |          |
|                        |   |          |                                    | Head Open sensor                        |                                   |          |
| Interface              | Serial, Parallel, USB 2.0                               |          |                                    |   |                                   |          |
| Power Supply (Adapter) | 100~240V  |          |                                    |   |                                   |          |
| Dimensions (W*L*H)     | 120 X 230 X 170 mm                                      |          | 194 x 243 x 171mm                  |   | 214 X 310 X 200 mm                |          |
| Operating Temp         | 0~45 °C   |          |                                    |   |                                   |          |
| Option                 | auto cutter*1   | —        | —                                  | ○                                       | ○                                 | ○        |
|                        | peeler*2  | ○*4      | ○                                  | ○                                       | —                                 | ○*4 ○*4  |
|                        | ethernet *3   | ○*5      | ○                                  | ○                                       | ○                                 | ○*5 ○*5  |

\*1 It can not be used with peeler at same time

\*2 It can not be used with autocutter at same time.

\*3 IEEE1284 will not be with it when Ethernet option is selected.

\*4 It can not be used with Ethernet at same time.

\*5 It can not be used with peeler at same time.

## Mobile Printers

| ITEM                  | SPP-R200  | SPP-R300   |
|-----------------------|---|--|
| Print                 | Direct Thermal  |  |
|                       | 80mm/sec  | 100mm/sec  |
|                       | 203 dpi (8 dots/mm)   |  |
| Paper Spec            | Thermal Paper   |  |
|                       | 58±0.5mm  | 79.5 ± 0.5 mm  |
|                       | Max 40mm  | Max 50mm   |
| Reliability           | 35 million lines  | 13.3 million line  |
|                       | 120 km  | 50 km  |
| Sensor                | Paper end sensor<br>Rear cover open switch  | Paper End sensor, Rear Black Mark sensor, Paper Cover Open Switch                                    |
|                       | Bluetooth(Class2 V2.0 EDR)<br>Serial(RS232C)<br>USB(Rev. 1.1 Full-Speed)  | Wireless LAN(802.11 b/g)<br>Bluetooth(Class2 V2.0 EDR)<br>Serial(RS232C)<br>USB(Rev. 1.1 Full-Speed) |
| Battery               | Lithium-ion   | Lithium-ion  |
|                       | 7.4V 1,200mAh   | 7.4V 2,600mAh  |
| Battery Charger       | AC 100~250VAC   |  |
|                       | DC 8.4VDC, 0.8A   |  |
| Dimensions (W*L*H)    | 79.5mm X 126.7mm X 43.6mm   | 110 mm x 162 mm x 58.3 mm  |
| Operating Temperature | -10 ~ 50°C  | -15 ~ 50°C   |
| Option                | Battery, Protective case, Shoulder strap, Vehicle holder, Cigarette lighter jack charger, Cleaning pen, Interface cable, Quad charger |  |

## Equipment can be connected to Label Printers

iZ=7000



WM-NANO  
TABLE-TOP WRAPPER



**ISHIDA**



**ISHIDA CO., LTD.**

44 SANNO-CHO, SHOGOIN, SAKYO-KU  
KYOTO, 606-8392 JAPAN  
PHONE: 81-75-771-4141  
FACSIMILE: 81-75-751-1634  
URL: <http://www.ishida.com>