

OPTIONS

CRADLE

This optional battery cradle allows users to charge their spare battery while the printer is in use. Charge each Lithium-ion battery in approximately 2.5 hours.



QUAD CHARGER

With the BIXOLON quad charger, you can charge up to four batteries at a time and never run out of the batteries.



SPARE BATTERY

With a spare Lithium-ion battery, you can always be assured that SPP-R200 will be ready for you on the road.



CIGARETTE LIGHTER JACK CHARGER

SPP-R200 is easily charged using the cigar lighter charger on the vehicle for road warriors.



LEATHER CASE

Equip your mobile printer for maximum protection in tough outdoor usage and to keep hands free.



SERIAL/USB INTERFACE CABLE

For users who prefer to use the mobile printer with interface cable, optional Serial/USB cable is available. (PC only)



This publication carries product description without obligation and is not to be seen as a firm offer. All specifications and design are subject to change without notice. February 2009

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SPP-R200 Specifications

PRINT

- Print method : Direct thermal
- Print speed : 80 mm/sec
- Resolution : 203 dpi (8 dots/mm)
- Paper supply method : Easy paper loading
- Character size : Font A : 12 x 24 , Font B : 9 X 24, Korean : 24 X 24, Chinese : 24 X 24
- Character per line : Font A : 32, Font B : 42, Korean : 16, Chinese : 16
- Character sets : Alphanumeric character : 95
- Extended character : 128 x 30 pages (included in the standard firmware)
- International character : 32
- Barcodes
 - 1D : Codabar, ITF, UPC-A, UPC-E, Code 39, Code 93, Code 128, EAN-8, EAN-13
 - 2D : QR Code, Maxi Code, PDF417, Data Matrix
- Drivers : Software development kit / Windows driver / OPOS driver / Windows CE driver supported
- Sensor : Paper end sensor, Paper cover open switch
- Cutter type : Manual cutter

PAPER ROLL

- Paper type : Thermal paper
- Width : 58 ± 0.5 mm (2.28" ± 0.2")
- Diameter : Max. ø40 mm (1.57")

RELIABILITY

- Printer unit : 35,000,000 lines
- TPH : 120 km
- Battery : 500 cycles rechargeable

CONNECTIVITY

- Interface : Serial/USB, Bluetooth

BATTERY CHARGER

- Input : Voltage - AC 100~250V /Current - 1.0A (Max. at 110VA)
- Output : Voltage - DC 8.4V/Current - 0.8A

OPERATING TEMPERATURE

- Printer : -10~50°C (14~122°F)
- Battery : 0~40°C(32~104°F)

OPERATING HUMIDITY

- Printer : 10~90% RH, Non-Condensing

BATTERY

- Type : Lithium-ion
- Output : Voltage - 7.4 VDC/Capacity - 1200 mAh

DIMENSION

- Printer : 79.5 mm x 126.7 mm x 43.6 mm (3.1" x 5.0" x 1.7")

WEIGHT

- Printer : 184g (0.41lbs)
- Printer+battery : 236g (0.52lbs)
- Printer+battery+paper roll : 293g (0.65lbs)
- Shipping : Approximately 680g (1.5lbs)

OPTIONS

- Standard (included in box) : Battery, Battery Charger, Belt Strap, Installation CD, Roll Paper
- Optional : Spare Battery, Battery Cradle, Cigarette Lighter Jack Charger, Leather Case, Serial/USB (PC only) Interface Cable, Quad Charger

BIXOLON Mobile Printer



Mobile POS / Retail



Deliveries



Parking Citations



Hospitality

a Better Solution
for your Business™

Compact yet Rugged

SPP-R200



SPP-R200 Highlights

- **Rugged design and small size**
 - Damage-resistance to multiple drops of up to 1.2 meters (4 feet)
 - Rubber over-molding
- **Faster printing speeds-up to 80mm/sec(3.15 inch/sec)**
- **Long lasting Lithium-ion battery (7.4V, 1200mAh)**
 - Operation: 8 hours
 - Stand-by: 14 hours
- **Customer oriented software tools**
 - Firmware download tool (with cable or without cable)
 - Bluetooth firmware download tool
 - Font download tool (Virtual Memory Switch Manager)
 - NV Image tool (Logo download)
- **Easy-to-use**
 - One touch cover open and easy paper loading
 - 4 step battery indicator and connectivity status

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SPP-R200M (With MSR)

SPP-R200 (Without MSR)



Compact yet Rugged SPP-R200

BIXOLON SPP-R200, a small and lightweight mobile receipt printer. 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 a 8 hour continuous operation life. The magnetic card reader integrated into the printer allows credit cards to be processed immediately at the point of transaction, increasing customers' sense of security since the credit card does not leave their sight.

The BIXOLON Mobile Printer SPP-R200 is a small, lightweight mobile receipt printer that brings user convenience and functionality to any mobile receipt printing applications such as;

- Mobile POS / Retail
- Hospitality
- Parking Citations
- Deliveries
- Onboard Transportation
- Field Repairs / Installation
- Warehouse/Logistics
- Utility billing / Meter Reading

MAIN FEATURES FOR THE SPP-R200

Rugged Design and Small Size

Uniquely designed for harsh outdoor environments, and handheld size the SPP-R200 is ideal for printing delivery receipts and invoices on the go.

RUGGED DESIGN

- Damage-resistance to multiple drops of up to 1.2 meters (4 feet)
- Damage-resistance material for printer housing
- Rubber over-molding to prevent from damage to weak points of the printer



Damage-resistance material Rubber over-molding

SMALL AND LIGHTWEIGHT DESIGN

- 79.5mm (W) x 126.7mm (L) x 43.6mm (H) (3.1" x 5.0" x 1.7")
- 0.65lbs (293g) including paper roll, battery



Handheld size

Fast Printing Speed

To speed up customer transactions without sacrificing performance, the SPP-R200 prints texts and graphics at a consistent speed of 80mm per second. Reduced data processing time has been achieved by utilizing a more powerful CPU; increases in performance have been made by upgrading mechanical components and optimizing software.

- CPU : 32 bit
- Flash Memory : 16 Mbit (NV Image: 256KBytes)
- RAM : 64 Mbit (SDRAM)
- Buffer : 128 KByte

Long lasting Lithium-ion Battery

SPP-R200 utilizes a long-life lithium-ion battery with a 8 hours operation life of 203 dpi (8dots/mm) thermal printing on a single charger.

LITHIUM-ION BATTERY (7.4V 1,200mAh)

- Operation hours: 8 hours
- Standby hours: 14 hours

BATTERY STATUS INDICATOR

- Low battery alarm support
- 4 step battery indicator and connectivity status

SMART BATTERY MANAGEMENT

- (Monitors battery for longer life and performance)
- Sleep or Auto Power OFF Mode
 - Sleep or Auto Power OFF time set by Virtual Memory Switch Manager

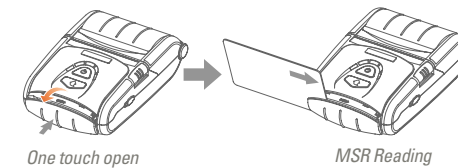


Full (3 LEDs) 2 LEDs 1 LED Low battery alarm

Magnetic Stripe Reader (MSR)

The Magnetic card reader integrated into the printer allows credit cards to be processed immediately at the point of transaction, increasing the customers' sense of security since the credit card does not leave their sight.

- One touch open (Patent applied)
- Triple (Track 1-2-3) track supported (Standard)



One touch open

MSR Reading

User-friendly Software Tools

The SPP-R200 is supported by a rich pool of utility software. The Firmware download tool, NV image tool and Virtual Memory Switch Manager (VMSM) are available with more software being added in the future. These new customer oriented utilities enable the users to directly access logo download, code page selection, firmware download and the other printer settings more easily and with no Hardware setting changes.



NV IMAGE MANAGER

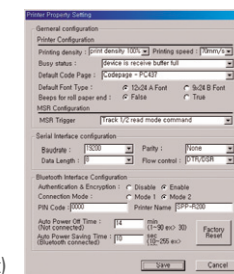
- For Logo download (Update available)

FIRMWARE MANAGER FOR PRINTER & BLUETOOTH INTERFACE

- For firmware download (Update available)

VIRTUAL MEMORY SWITCH MANAGER (VMSM) TO DESIRED SETTINGS

- Printing Mode (Receipt Mode or Simple Label mode)
- User-defined fonts type and size
- Default code page
- Printing Density (Value range: 80 ~ 130%)
- Printing Speed (50mm/sec, 80mm/sec)
- Beeps for Roll Paper End
- Auto Power Off Time (0 ~ 90 minutes)
- Auto Power Saving Time (10 ~ 255 seconds)
- Default Interface
- Authentication Encryption
- Bluetooth connection Mode
- PIN Code and Printer Name (Max value is 12 digit or alphabet)



Other value-added features

- Various Interface communication and interface capabilities
 - Serial/USB
 - Bluetooth with high communication speed (115,200 bps)
- Intuitive LEDs
- Portable device suited for outdoor usage
 - Belt Strap (Standard)
 - Leather Case (Optional)
- 30 code pages included in the standard firmware (no update necessary, to be set by VMSM)
- 203 dpi printing
- Selectable color of hinge (Orange/Black)
- Software development kit / Windows driver / OPOS driver / Windows CE driver supported

Intuitive wireless capability, long battery life and handheld size that wears perfectly on a belt strap or leather case, the Compact yet Rugged, BIXOLON Mobile Printer SPP-R200 fully satisfies the anytime and anywhere demands of today's mobile commerce.

All you need in one package!

- An AC adapter(Charger) with the Power cord
- A long lasting Lithium-ion battery
- Portable device, Belt Strap, suited for outdoor usage
- A roll of receipt paper (Thermal) to get started printing right away
- A quick-reference guide sheet
- An installation CD including the drivers, all software programs, test samples and the user's guide book