

OPTIONS

CRADLE

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



QUAD CHARGER

Take a number of advantages in using the BIXOLON quad charger, other than you can charge up to 4 batteries at a time! (Wall-mounting available)



SPARE BATTERY

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



CIGAR LIGHTER 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



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 : WinCE 4.2, WinCE 5.0, Win95/98/ME/2000/NT/XP/2003 server/Vista, OPOS
- 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 100~240V/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

- Default (included in box) : Battery, Battery Charger, Belt Strap, Installation CD, Roll Paper
- Optional : Spare Battery, Battery Cradle, Cigar Lighter Charger, Leather Case, Serial/USB 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 (approx. 10 x Ø 40mm rolls per battery charge)
 - 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

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 (approx. 10 ø40mm rolls per battery charge, stand-by : 14 hours). 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 (approx. 10 ø40mm rolls per battery charge, Stand-by : 14 hours) of 203 dpi (8dots/mm) thermal printing on a single charger.

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

- Operation hours: 8 hours (approx. 10 ø40mm of rolls printing/charge)
- 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

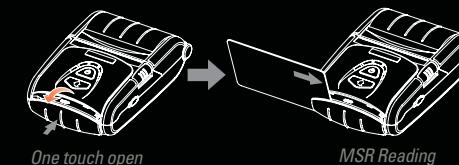
Magnetic Stripe Reader (MSR)

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)
- All track conditions supported by VMSSM

Single Track	Track 1	Track 2	Track 3
Dual Track	Track 1-2	Track 2-3	-
Triple Track	Track 1-2-3	-	-

*MSR : Factory Option

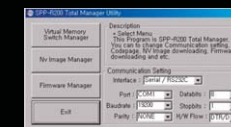


One touch open

MSR Reading

Customer Oriented 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 (VMSSM) 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

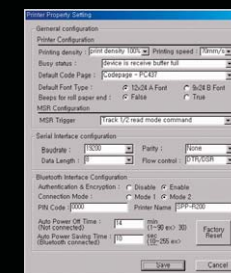
- For Logo download (Update available)

FIRMWARE MANAGER FOR PRINTER & BLUETOOTH INTERFACE

- For firmware download (Update available)

VIRTUAL MEMORY SWITCH MANAGER (VMSSM) TO DESIRED SETTINGS

- Printing Mode (Receipt Mode or 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
- MSR Trigger
- 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 (Default)
 - Leather Case (Optional)
- 30 code pages included in the standard firmware (no update necessary, to be set by VMSSM)
- 203 dpi printing
- WinCE 4.2, WinCE 5.0, Win95/98/ME/2000/NT/XP/2003 Server/VISTA, OPOS drivers available

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 code
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 guide book