



STRONG
COMPACT
LIGHT WEIGHT

MP-B20 SERIES MOBILE PRINTERS

RELIABLE PRINTING.
SIMPLE OPERATION.
STYLISH DESIGN.





Product Highlights

- Convenient **2-inch** paper width.
- Withstands drops of up to **5 feet**.
- Weighs less than **1 pound**.
- **USB** style charger.
- High-resolution receipts at **3 inches per second**.

Compact and Lightweight

With a 2-inch paper width, which far outshines any of its competing mobile receipt printers currently on the market, the MP-B20 Series printers weigh less than 1 pound with battery pack. What's more, is that the printer's ability to withstand drops of up to 5 feet, is a perfect fit for a diverse mix of vertical markets; from hospitality and retail where space and convenience are of paramount importance, to other areas such as healthcare and warehousing/logistics, where ruggedness and environment play an important role.

Sleek and Stylish Design

Similar to the MP-A40 printer, the MP-B20 Mobile Printer offers a contemporary yet functional design, while still offering the ability to print high-resolution receipts at more than 3 inches per second—one of the highest print speeds on the market. Another important feature to note is the printer's compatibility with mobile payment and mobile POS applications—specifically “Pay at the Table,” and direct receipt delivery at a restaurant, as well as line-busting applications in a retail setting.

Technology Options

The MP-B20 Series Mobile Printers offer compatibility with the latest operating systems including Windows, 7, 8, 8.1 and 10. There is also SDK availability for Android and iOS print class libraries for added mobility. As an added convenience, the printer features a USB style charger. Further, its compact and portable cradle offers quick and easy charging options, which are ideal for verticals that require a mostly mobile setting.

TECHNICAL SPECIFICATIONS

Models		MP-B20
Printing	Method	Thermal line dot printing
	Number of dots/line	384
	Resolution (dots/mm)	8
	Paper width (mm)	58+0/-1
	Printing width (mm)	48
	Print Speed (max mm/sec)	80
	Paper roll diameter (max mm)	φ40
	Character matrix (HxW mm)	24 × 12, 24 × 24, 16 × 8, 16 × 16
	Character dimensions (HxW mm)	3.0 × 1.5, 3.0 × 3.0, 2.0 × 1.0, 2.0 × 2.0
Type of paper	Roll paper	
Character type	Code page(17pages), Optional font, Downloaded character, User-defined character, JIS 1&2 Level Kanji, Special character	
Bar Code	UPC-A/E, JAN(EAN)8/13, ITF, CODE39, CODABAR, CODE93, CODE128 PDF417, QR Code, MaxiCode, Data Matrix, GS1 Databar	
Power supply (V)	Li-Ion Battery	
Communication interfaces	USB, Bluetooth®	
Input buffer	4k bytes	
Command	ESC/POST™ conformity	
Cutting	Tear bar	
Falling resistance	1.5m ^{*1}	
Operating temperature	-10C (14F) to +50C (+122F)	
Service life (km)	50 ^{*2}	
Dimensions (W x D x H mm)	79.0 × 110.0 × 44.0 ^{*3}	
Mass (g)	Approx. 180 ^{*4}	
Standard	FCC, CE, VCCI	
Bundled item	USB cable, Battery, Belt clip	
Option	Cradle for charging	
Software	Printer driver, Windows®, Android™(SDK), iOS (SDK)	

*1 This number is test result based on SII procedures, not guaranteed value.

*2 Using specified thermal paper.

*3 Excluding protrusion.

*4 With battery, without paper roll.

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