

MP-3200 Series

The mobile thermal printer for label and receipt printing



VersaJet™

- Bluetooth solution for maximized freedom of printing
- IrDA and RS232 ready to serve most mobile printing demands
- Up to 3-inches per second printing speed
- Clamshell design for easy paper loading
- Large 2200mAH Li-ion battery pack to extend service cycle
- ESC/POS® command set emulation
- Built-in flash memory for graphic storage and field upgrade
- Belt Clip for hands free convenience
- Rubberized over-molding design for 1.2m drop resistance

With the lightweight and compact design, the MP3200 is one of the smallest mobile printer in the AIDC Industry. This 2" direct thermal mobile printer has been designed with the most advanced technology in rubberized over-molding to maintain both rugged construction and minimum weight.

With easy paper loading design, large battery pack, various communication interfaces, it provides user-friendly options to keep your business moving.

Versatile Printing

In order to support the different needs for various applications, the enhanced mechanical design allow the receipt printing for both "Single Layer" and "Double Layer".

Moreover, both with / without eye mark label paper are also supported by built-in "Reflective Sensor" and "Interruptive Sensor".

Multiple Connectivity

The use of Bluetooth technology enabling more mobility for the user to issue receipts or print the labels.

The IrDA and RS232 connection also provide the connectivity with those devices without Bluetooth support.

Applications

- Down retail aisles for markdowns, shelf labeling, and receipt printing, or in backroom for direct store delivery verification.
- In the field for printing route accounting delivery receipts.
- On hospital rounds for legible patient chart labeling, specimen labeling, and efficient patient record tracking.
- Into retail pharmacies for point-of-fill prescription labeling.

Why Wireless Printing

- **Speed up the process**
Since the re-labeling and receipt printing can be done without the cable limitation, the whole process will be more effective and faster.
- **Cut the cable costs**
From long-term point of view, the significant cost of cable replacement can be saved including the cost of cable, the lost of business chances and productivity.
- **Improved Safety**
The wireless working environment does prevent the workers from falling down caused by cable.



MP-3200 Specification Highlights



Clamshell design for easy paper loading



Large 2200mAh Li-ion battery pack to extend service cycle



Bluetooth solution for maximized freedom of printing



Peeler function supported for label printing

Mechanical

Printing Method	Direct Thermal
Print Density	203 dpi
Printing Speed (label paper)	Max 70mm/sec (2.75ips) at black color
Print Width	48mm (1.89")
Paper Size	Width : 34 - 58mm (3mm increment)(1.34 - 2.28") Roll O.D. : Max 50mm (1.97")
Dimension	Width 99 X Depth 139 X Height 72mm See the insert below
Weight	520 gm (including battery and belt clip)
Reliability	Withstand multiple drops to concrete from 1.2m height(internal test standard)

Operation

Printing Media	Receipt printing : Continuous paper Label printing : with / without eye mark (peeler supported)
Paper sensor	Interruptive Sensor and Reflective Sensor
User Interface	2 Buttons, 4 LEDs
Programming Language	ESC/POS [®] Compatible

Fonts / Graphic / Symbologies

Fonts	Two resident scalable, rotatable fonts available from 9 to 96 pt. Double byte character supported
Graphic	Graphics, line and box drawing features; bitmap supported
Symbologies	JAN/13/8, ITF, NW-7, Code39/128, QR, PDF417

Communication - Bluetooth

Bluetooth Standard	Bluetooth [®] V1.1 (SPP Profile)	
Frequency	Band 2.4~2.4835GHz unlicensed ISM band	
Output Power	Class 2 Model (MP3200-C2) less than 4 dBm	Class 1 Model (MP3200-C1) less than 13 dBm
Working Distance (in free space)	Class 2 Model (MMP3200-C2) Min. 10m, possibly over 30m	Class 1 Model (MP3200-C1) Min. 75m, possibly over 100m

* The working distance will be depending on the actual condition

Communication - RS232

Communication Speed	9,600 / 19,200 / 38,400 bps (Default 9600 bps)
Flow Control	Hardware (RTS/CTS) Software (Xon/Xoff)
Receiving Buffer Size	8K

Communication - IrDA

Communication Distance	30cm
Communication Speed	9,600 / 19,200 / 38,400 bps (Default 9600 bps)

Power

Power supply	9V / 2.7A Power Adaptor
Battery	7.2V Rechargeable Li-ion battery

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Part No. DBR-A50304-006

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