



## Mobile Barcode Printer

# MP121



Weight  
325g



Sealing Standard  
IP54 (with protective case)



Drop Resistance  
1.5m



Standby Time  
72 hours



Warehouse



Logistics



Retail



Field Service

# MP121

## Specification

Update Date: 2020. 09.17

<b>CPU</b>	32 Bit RISC CPU
<b>Memory</b>	<ul style="list-style-type: none"><li>32MB SDRAM</li><li>128MB Flash ROM(60 MB for user storage)</li></ul>
<b>Print Method</b>	<ul style="list-style-type: none"><li>Direct Thermal</li></ul>
<b>Resolution</b>	<ul style="list-style-type: none"><li>203 dpi (8 dots/mm)</li></ul>
<b>Print Speed</b>	<ul style="list-style-type: none"><li>Up to 4 IPS (101.6 mm/s)</li></ul>
<b>Print Width</b>	<ul style="list-style-type: none"><li>1.89" (48 mm)</li></ul>
<b>Print Length</b>	<ul style="list-style-type: none"><li>45" (~1142 mm)</li></ul>
<b>Sensor Type</b>	<ul style="list-style-type: none"><li>Gap sensor , Fixed transmissive sensor , Fixed reflective sensor</li></ul>
<b>Media</b>	<ul style="list-style-type: none"><li>Types: Direct Thermal receipt, anti-UV receipt, gap label, center alignment. Inter-label gap size from 2 mm to 4 mm. 3 mm preferred</li><li>Width: 2.28" (59 mm) fixed</li><li>Thickness: Min 0.0508 mm, Max 0.165 mm</li><li>Media roll Diameter: Max. 1.57" (40 mm)</li></ul>
<b>Printer Language</b>	<ul style="list-style-type: none"><li>GPOS Emulations or EZPL / GZPL / GEPL Emulations</li></ul>
<b>Interfaces</b>	<ul style="list-style-type: none"><li>RS232 + USB 2.0 port, mini-B type connector</li><li>Bluetooth 2.1 + EDR</li></ul>

<b>Power Adapter</b>	<ul style="list-style-type: none"><li>Switching power supply</li><li>I/P: 100 / 240 V AC, 50 / 60 Hz, DC 9 V / 2.2 A</li></ul>
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<b>Battery</b>	<ul style="list-style-type: none"><li>Rechargeable DC 7.4 V Lithium-ion battery, 1150 mAH or higher capacitance</li></ul>
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<b>Resident Fonts</b>	<ul style="list-style-type: none"><li>Bitmap Fonts: 6, 8, 10, 12, 14, 18, 24, 30, 16x26 and OCR A &amp; B. 0°, 90°, 180°, 270° rotatable</li><li>TTF Fonts: TTF Fonts (Bold / Italic / Underline ). 0°,90°, 180°, 270° rotatable</li></ul>
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<b>Download Fonts</b>	<ul style="list-style-type: none"><li>Bitmap Fonts: 90°, 180°, 270° rotatable, single characters 90°, 180°, 270° rotatable</li><li>Asian Fonts: 16x16, 24x24. Traditional Chinese (BIG-5), Simplified Chinese (GB2312), Japanese (S - JIS), Korean (KS -X1001). 90°, 180°, 270° rotatable and 8 times expandable in horizontal and vertical directions</li><li>TTF Fonts: TTF Fonts (Bold / Italic / Underline ). 0°,90°, 180°, 270° rotatable</li></ul>
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<b>Control Panel</b>	<ul style="list-style-type: none"><li>4 dual color LEDs for Power, Battery, Communication, Error status indication.</li><li>3 buttons for Power, Feed and BT functions</li></ul>
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<b>Barcodes</b>	<ul style="list-style-type: none"><li>1-D Barcodes: China Postal Code, Codabar, Code 11, Code 32,Code 39, Code 93, Code 128 (subset A, B, C), EAN-8/EAN-13 (with 2 &amp; 5 digits extension), EAN 128, FIM, German Post Code, GS1 DataBar, HIBC, Industrial 2 of 5 , Interleaved 2-of-5 (1 2 of 5), Interleaved 2-of-5 with Shipping Bearer Bars, ISBT-128, ITF 14, Japanese Postnet, Logmars, MSI, Postnet, Plessey, Planet 11 &amp; 13 digit, RPS 128, Standard 2 of 5, Telepen, Matrix 2 of 5, UPC-A/UPC-E (with 2 or 5 digit extension), UCC/EAN-128 K-Mart and Random Weight</li><li>2-D Barcodes: Aztec code, Code 49,Codablock F , Datamatrix code, MaxiCode, Micro PDF417, Micro QR code, PDF417,QR code, TLC 39, GS1 Composite</li></ul>
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<b>Code Pages</b>	<ul style="list-style-type: none"><li>CODEPAGE 437, 850, 851, 852, 855, 857, 860, 861, 862, 863, 865, 866, 869, 737</li><li>WINDOWS 1250, 1251, 1252, 1253, 1254, 1255, 1257</li><li>Unicode UTF8 、 UTF16BE 、 UTF16LE</li></ul>
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<b>Graphics</b>	<ul style="list-style-type: none"><li>Resident graphic file types are BMP and PCX, other graphic formats are downloadable from the software</li></ul>
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<b>Dimensions and Weight</b>	<ul style="list-style-type: none"><li>Dimensions : 129.55mm*84mm *51mm(5.1"x3.3"x2.0")</li><li>Weight : 325g</li></ul>
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<b>Software</b>	<ul style="list-style-type: none"><li>Label Design Software: iMotion Label(for EZPL only)</li><li>Driver: Vista, Windows 7, Windows 8 &amp; 8.1, Windows 10, Windows Server 2008 R2, 2012, 2012 R2, 2016, 2019, MAC, Linux</li><li>SDK: Win CE, .NET, Windows Vista, Windows 7, Windows 8 &amp; 8.1, Windows 10, Android, Mac, iOS</li></ul>
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<b>User Environment</b>	<ul style="list-style-type: none"><li>Operation Temperature: -10~50°C (14~122°F)</li><li>Storage Temperature : -20~60°C (-4~140°F)</li><li>Humidity : 10%~90% non-condensing</li><li>Sealing standard: Intrusion Protection, IP42 requirement for case design, IP54 for protective case</li><li>Drop resistance : 1.5m</li></ul>
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<b>Regulatory Compliance</b>	<ul style="list-style-type: none"><li>BSMI/ CE/ NCC/ CB</li></ul>
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<b>Accessories</b>	<ul style="list-style-type: none"><li>Thermal Paper Roll*1</li><li>Belt Strap</li><li>Lithium-ion Battery</li><li>USB cable</li><li>RS-232 cable(optional)</li><li>4-bay battery charger station(optional)</li><li>Car charger adapter(optional)</li><li>Protective case(optional)</li></ul>
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