Mobile Printers: MP Ranger

MP Ranger can print on thermal paper in roll format, either on plain paper or peel-off format labels. Complete with sensors for displaying status and battery level, it allows the printing of 1D and 2D bar-codes (QRCODE). It can handle rolls with paper width of 76.2 mm or 80 mm using the special reducer included in the package, and is designed to be used in outdoor working contexts, thanks to the IP54 protection to resist splashing of liquids and dust for use in adverse weather conditions and resistance to falls from 1 meter.

The operational equipment is completed by a clip for belt fastening and as an accessory the practical case with shoulder strap is available for greater protection and the cradles, with 1 or 5 positions for practical charging. The printer is equipped with different charging options, from simple connection via USB Type-C to positioning on single or multi-position charging cradles up to five units. MP Ranger can be connected to any mobile device, from simple phones, to specialized terminals, to handheld mobile computers and tablets with Bluetooth and Wi-Fi functionality thanks to the Wireless technology.

Key Features

- Mobile and high speed printing, both on paper and on labels
- High autonomy and intelligent battery, providing information about its status
- Wireless technology with wi-fi and bluetooth: simple pairing thanks to NFC
- Ip54 protection against liquids and dust - ideal for outdoor use
- Different charging options: via usb, single or multi-position cradles

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Product	
Interface Details	USB type-C 2.0 Full Speed Wifi 802.11 b/g/n Bluetooth 4.2 BLE
Emulation	CUSTOM/POS
Character Set	PC437, PC850, PC860, PC863, PC865, PC866, PC858 (euro), Cinese esteso GB 18030-2000, Koreano PC949
Barcodes Supported	Codabar, Code 32, Code 39, Code 93, Code 128, EAN-8, EAN-13, GS1 dataBar Stacked, GS1 dataBar Stacked Omnidirectional, GS1 DataBar Expanded Stacked, ITF, UPC-A, UPC-E, Aztec, Aztec Rune, Data Matrix, PDF417, QRcode, Micro QRCode
Print Method	Thermal printing
Printing Speed	4.3"/sec (110 mm/sec)
Print Resolution	203 DPI
Printing Format	Height/width from 1 to 8, negative, under-lined, italic, expanded
Printing Direction	Normal, 90°, 180°, 270°
Printing Width	2.8" (72 mm)
Supplies	Continuous paper and label with gap/notch
Tool Software	PrinterSet
Data Buffer	16 Kb
Flash Memory	2 MB + 8 MB flsh SPI
RAM Memory	640 Kb + 8 MB SDRAM
Graphic Memory	3 MB for logos (maximum width 576 dot) + 5 MB per font
Driver	Windows 7, 8, 8.1, 10 (32/64 bit)
Battery Pack	Li-ion 7.2 V 2.6 Ah 18.72 Wh
Battery Cycles	750
Print autonomy	720 minutes x 300 ticket
MTBF	3246 hours (electronic board)
Head Life	50Km / 100 M pulses (12.5% pulses)
Sensors	Presence of paper, presence of alignment notch, head temperature, open cover, NFC

Paper	
Width	3" and 3.15" (76.2mm and 80mm)
Paper weight	from 55 to 100 g/m^2
Paper thickness	from 61 to 100
Roll Diameter	1.57" (40mm) Maximum

Physical	
Dimensions (WxDxH)	5.9" x 2.1" x 4.8" (149 x 53x 122 mm)
Weight	1.05 lbs (475g) battery included
Color	Black
Power Supply	USB standard port from PC 5 V, 0.5 A (Slow charge)

Environmental	
Operating Temperature	14°F to 122°F (-10°C to 50°C)