

MP RANGER

Mobile printer for mobile receipt / label issuance for logistics and delivery

MP Ranger is a latest generation mobile printer and represents the evolution of Custom's range of mobile printers.
It 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 barcodes (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. The printer is equipped with different charging options, from simple connection via USB Type-C to positioning on single charging cradles. 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**.



CUSTOM

ACCESSORIES

- Case with shoulder strap
- Single charging cradle

CUSTOM

TECHNICAL SHEET

Printing Method	Thermal printing
Number of dots	8 dots / mm
Resolution	203 dpi
Printing speed (mm/sec)	110 mm/sec
Character set	PC437, PC850, PC860, PC863, PC865, PC866, PC858 (euro), Cinese esteso GB 18030-2000, Koreano PC949
Supported Barcode	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
Printing Format	Height/width from 1 to 8, negative, underlined, italic, expanded
Printing Direction	Normal, 90°, 180°, 270°
Supplies	Continuous paper and label with gap/notch
Roll width	76,2mm and 80mm
Paper weight	from 55 to 100 g/m²
Paper thickness	from 61 to 100 µm
Printing width	72 mm
Roll Dimension	max 40mm
Emulation	CUSTOM/POS
Interfaces	USB type-C 2.0 Full Speed Wifi 802.11 b/g/n Bluetooth 4.2 BLE
Data Buffer	16 Kb
Flash Memory	2 MB + 8 MB flash SPI
RAM Memory	640 Kb + 8 MB SDRAM
Graphic Memory	3 MB for logos (maximum width 576 dot) + 5 MB per font
Drivers	Linux CUPS driver (i386, amd64, armv7, armv8); Virtual COM driver (Windows® 32/64 bit, Linux SC); OPOS JavaPOS (Windows® 32/64 bit, Linux i386, amd64); Android™ (CustomAndroidPrintService on PlayStore)
Software Tools and SDKs	PrinterSet; Android Printer Set; Custom Linux UPG (upgrade tool for Linux); Custom Power Tool; Vcom Service Custom Status Monitor Service; Custom Windows API; Custom Android API; Custom iOS API
Power supply	USB standard port from PC 5 V, 0.5 A (Slow charge)
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
Operating temperature	-10°C + 50°C

Dimensions	149(L) x 53(H) x 122(P) mm
Weight	475gr (battery included)

MODELS



911MM010200P33
MOBILE PRINTER MP RANGER

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