



## TK180 METAL

The smallest combined printer with high reliability features

TK180 Metal is the smallest combined printer with high reliability features. The printer can handle paper thickness up to 255 gsm and tickets from 20mm to 82.5 mm wide. TK180 Metal is equipped with a powerful internal processor and Hot swap function. Speed > 200 mm/s. RS232 + USB + ETH interfaces. The printer Supports True Font characters and 2D barcodes, and is capable of managing logo drag&drops. In addition to the most common sensors, it is also equipped with the new mobile sensor, capable of identifying black marks or gaps on the non-thermal side.



## CARATTERISTICI

- Best print quality 200/300dpi
- Paper width: from 20mm to 82.5mm
- Paper thickness: 70/255 gr/m2
- Speed > 200 mm/s
- Tear off or auto-cutter
- 100Km head life
- 1D and 2D IATA barcode printing: UPC-A, UPC-E, EAN13,EAN8, CODE39, ITF, CODABAR, CODE93, CODE128, CODE32, PDF417, DATAMATRIX, AZTEC, QRCODE
- RS232 + USB + ETH interfaces
- Sensors: Head temperature, paper presence, mobile detectors of black mark or translucent gap/hole (setting by software), cover open, external low paper

## FOCUS ON

- Designed for small check-in desks where space is a major issue
- Paper roll or fan fold tickets
- Highly durable
- Powerful processor inside
- LCD blue backlit embedded display

## APPLICATIONS

- Coupon/voucher printing
- Boarding pass and luggage tag printer (AEA)
- Parking ticket office
- Metro and bus ticket office
- Theme parks box office
- Healthcare wristband printing
- Label printing



## ACCESORII

- Roll holder

## What is in the box:

- Device, short guide, AC power cable, reducer for paper width, AC adapter
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## FI?? TEHNIC?

|                        |  |
|------------------------|--|
| <b>Printing Method</b> | Thermal with fixed head  |
| Number of dots         | 8 dots/mm or 12 dots/mm  |
| Resolution             | 203dpi or 300dpi   |
| Printing (mm/sec)      | 200mm/s @203dpi  |
| Character set          | PC437, PC850, PC860, PC863, PC865, International   |
| Supported Barcode      | UPC-A, UPC-E, EAN13,EAN8, CODE39, ITF, CODABAR, CODE93, CODE128, CODE32, PDF417, DATAMATRIX, AZTEC, QRCODE   |
| Printing Format        | Height and width from 1 to 8, bold, reverse, underlined, italic  |
| Printing Direction     | Straight, 90°, 180°, 270°  |
| Paper width            | from 20 mm to 82.5 mm  |
| Paper weight           | from 70 to 255 g/m <sup>2</sup>  |
| Paper thickness        | Max 270 μm   |
| Printing width         | 80 mm  |
| Emulation              | CUSTOM/POS, SVELTA   |
| Interfaces             | RS232 / USB / ETH  |
| Data Buffer            | 16 Kbytes  |
| Flash Memory           | 1 Mbytes internal + 8 Mbytes external (of which 4Mbytes available for user)  |
| RAM Memory             | 128 Kbytes internal + 8 Mbytes external  |
| Graphic Memory         | "Drag&Drop" graphics and logo  |
| Drivers                | Windows® (32/64 bit) – only on request WHQL and silent installation;<br>Linux (32/64 bit);<br>Virtual COM (Linux or Windows 32/64 bit);<br>OPOS;<br>Android™;<br>iOS |
| Software Tools         | PrinterSet, CustomPowerTool, Status Monitor  |
| Power supply           | 24 Vdc±10% , 110Vac  |
| Medium consumption     | 1.5A (12.5% dots turned on)  |
| MTBF                   | 113,000 hours (electronic board)   |
| Head Life              | 100Km / 100M pulses  |
| Operating temperature  | 0°C + 40°C   |
| Dimensions             | 122.6 (L) x 85 (H) x 145.6 (W) mm  |
| Dimensions Tear off    | 119 (L) x 85 (H) x 145.7 (W) mm<br>Cutter: 171.5 (L) x 85 (H) x 145.7 (W) mm   |
| Weight                 | 2.2 Kg / 3.0 Kg  |

## MODELE

**911HL010100733**

PRINTER TK180 METAL ETH USB  
RS232

**911HL011200733**

PRINTER TK180 METAL ETH USB  
RS232 CUTTER

## CUSTOM®

**911HL050100733**

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