



## TK180 METAL TEAR-OFF

### Boarding Pass and Bag Tag Printer

TK180 Metal Tear-Off is the most compact combined ATB and BTP printer with native AEA/ITPS firmware for a seamless integration in CUTE and CUPPS platforms, with high reliability features. TK180 Metal is designed for small check-in desks where space is limited. TK180 can be easily configured as either an ATB or BTP device through the setup. RS232 + USB + Ethernet 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. 2 sides tear-off.



## CHARACTERISTICS

- Extremely Compact and Reliable
- Full metal robust casing
- Same model for ATB and BTP
- 2 sides tear-off bar
- RFID (optional)
- Dot-saving function
- Automatic ticket length detection
- Full paper auto-loading without paper wasting
- Linerless bagtag support
- LCD blue backlit embedded display
- Compatible platforms: CUTE and CUPPS
- Firmware: Native AEA/ITPS from 2007 to 2022 support
- Emulation: ATB, BTP, GPP

## AVAILABLE MODELS

- Base model
  - RFID model
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## ACCESSORIES

- RFID retrofit kit
  - Roll holder (BTP/GPP)
  - Power supply box for roll holder
  - Rear ATB drawer
  - Power supply box for rear ATB drawer
  - Rear connectors protection plate
  - Data cable
  - Power cord
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## TECHNICAL SHEET

|                       |                                                                                                                                                                 |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Printing Method       | Thermal, fixed head                                                                                                                                             |
| Number of dots        | 8 dots/mm                                                                                                                                                       |
| Resolution            | 203 dpi                                                                                                                                                         |
| Printing speed        | high speed up to 200 mm/sec                                                                                                                                     |
| Supported Barcode     | 1D and 2D IATA barcode printing: UPC-A, UPC-E, EAN13, EAN8, Code39, ITF, Codabar, Code93, Code128, Code32, PDF417, Data Matrix, Aztec, QRCode                   |
| Paper width           | from 20 mm to 82.5 mm<br>compliant to IATA Resolution 740, 722e, RP1740                                                                                         |
| Paper thickness       | According to IATA specifications                                                                                                                                |
| Roll Dimension        | 200 mm external diameter                                                                                                                                        |
| Emulation             | ATB, BTP, GPP                                                                                                                                                   |
| Firmware              | Native AEA/ITPS from 2007 to 2022 support                                                                                                                       |
| Interfaces            | USB<br>RS232 (RJ45)<br>Ethernet                                                                                                                                 |
| Sensors               | paper presence, printhead temperature, paper presence on output, adjustable detectors for black mark or translucent gap/hole, cover open, optional low paper    |
| Data Buffer           | 16 kB                                                                                                                                                           |
| Flash Memory          | 1 MB internal + 8 MB external (or which 4 MB available for user)                                                                                                |
| RAM memory            | 128 kB internal + 8 MB external                                                                                                                                 |
| Drivers               | Windows® (32/64 bit);<br>CUPS Linux (32/64 bit);<br>Virtual COM (32/64 bit) with or without silent installation;<br>Android™                                    |
| Software tools        | PrinterSet, CustomPowerTool, Status Monitor, Custom Windows API, AeroVcomService remote monitor configuration tool                                              |
| Power supply          | Device: 24 Vdc±10%<br>External power supply: from 100 Vac to 240 Vac                                                                                            |
| Medium consumption    | 1.6 A (12.5% dots turned on)                                                                                                                                    |
| Printhead Life        | 100Km / 100 M pulses                                                                                                                                            |
| Cutter                | 2 sides tear-off bar                                                                                                                                            |
| Operating temperature | 0°C + 40°C                                                                                                                                                      |
| Dimensions            | 119 mm (L) x 145.6 mm (W) x 85 mm (H) (Base model)<br>374 mm (L) x 145.6 mm (W) x 160 mm (H) (Base model + Roll holder*)<br>*IATA standard bagtag roll included |
| Weight                | 2.24 Kg (Base model)                                                                                                                                            |

## MODELS

**911HL010400733**

PRINTER TK180 METAL USB  
RS232 AVIATION

**911HL011000733**

PRINTER TK180 METAL RFID UHF  
USB RS232 AVIATION

**911HL012100733**

PRINTER TK180 METAL LL  
INTEGRATED RFID UHF AVIATION

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Via I. Newton, 4 - 43010 Fontevivo PR - VAT: IT02498250345 - TEL: +39 0521 680111 - FAX: - UNIQUE CODE: 8RQN7AZ

The technical data on this website are not binding and may be changed without advanced notice.

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