# 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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CUSTOM

## TECHNICAL SHEET

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| **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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Last update: 28 September 2026