



## TK180

### Boarding Pass and Bag Tag Printer

TK180 is the most compact combined ATB and BTP printer with native AEA/ITPS firmware for a seamless integration in CUTE and CUPPS platforms. Specially designed for small check-in desks where space is limited, TK180 can handle ATB coupons as well as GPP paper rolls. The bag tag support is provided by the optional paper roll holder. TK180 can be easily configured as either an ATB or BTP device through the setup. TK180 features an automatic sensor calibration that activates each time paper is loaded, preventing ticket wastage. This enhances environmental sustainability while reducing management costs.



## CHARACTERISTICS

- Extremely Compact And Reliable
- Sleek design
- 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
- 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
  - Data cable
  - Power cord
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## TECHNICAL SHEET

|                        |  |
|------------------------|--|
| <b>Printing Method</b> | 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             | 185.9 mm (L) x 130 mm (W) x 118.9 mm (H) (Base model)<br>366.5 mm (L) x 130 mm (W) x 161 mm (H) (Base model + Roll Holder*)<br>*IATA standard bagtag roll included |
| Weight                 | 1.94 Kg (Base model)   |

## MODELS



**911HL020900733**

PRINTER TK180 ETH USB RS232  
AVIATION



**911HL021100733**

PRINTER TK180 RFID UHF ETH  
USB RS232 AVIATION

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

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