



## TK180

### Baggage tag and boarding pass printer with tear-off bar

TK180 is the most compact combined BPP and BTP printer with native AEA firmware for a seamless integration in CUTE and CUPPS platforms. Specially designed for small check-in desks where space is a major issue, TK180 can handle BPP tickets as well as paper rolls for receipts. The bag tag support is provided by the optional paper roll holder. TK180 is a dual printer, since it can work both as BPP or BTP tool using the same firmware, configurable via set up. The NATIVE AEA 2012 firmware allow easy integration in any software architecture, without requiring any additional software. TK180 is equipped with a powerful internal processor and Hot swap function. Reliable and fast printing at 203 mm/s. The Ethernet, RS232 and USB interfaces assure easy and flexible integration, in any airport. In addition to the most common sensors, it is also provided with the new mobile VeriNotch sensor, capable of identifying black marks or gaps on any type of paper. TK180 has an automatic sensor calibration feature which is automatically activated every time paper is loaded and prevents any ticket wastage thereby contributing to environmental sustainability and reducing management costs. 2 sides tear-off. Display. TK180 supports the UHF RFID according to IATA 1740C, standard EPC Gen2.



## CHARACTERISTICS

- Extremely Compact And Reliable
- BPP and BTP all-in-one
- CUPPS compliant and native AEA 2012, IPTS 2018, IPTS 2019, IPTS 2022 support
- High speeds up to 203mm/sec
- Interface: USB, RS232 and Ethernet
- 2 sides tear-off bar
- Automatic ticket length detection
- New metal paper roll holder
- Full paper auto-loading without paper wasting

## FOCUS ON

- Embedded cables and wires
- Paper width: from 20mm to 82.5mm
- Paper thickness: 70/255 gr/m2
- Paper roll diameter: 200 mm
- Sensors: Adjustable (above and below) Verinotch, ticket presence, ticket output, low paper (optional), print head temperature, cover opening
- Suitable for printing on receipt paper on a roll

## APPLICATIONS

- Small-sized check-in desks
  - Boarding desks
  - Mobile check-in desks
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## TECHNICAL SHEET

<b>Printing Method</b>	Thermal with fixed head
Number of dots	8 dots/mm
Resolution	200 DPI or 300 DPI
Printing (mm/sec)	203 mm/sec
Supported Barcode	1D and 2D IATA barcode printing: UPC-A, UPC-E, EAN13, EAN8, CODE39, ITF, CODABAR, CODE93, CODE128, CODE32, PDF417, DATAMATRIX, AZTEC, QR CODE
Paper width	54 mm (according to IATA BTP specs - resolution 740) 82.5 mm (according to IATA ATB specs - resolution 722e)
Paper weight	70/255 g/m <sup>2</sup>
Paper thickness	70/255 g/m <sup>2</sup>
Roll Dimension	200 mm external diameter, 25 mm internal core, not coupled to the role core
Emulation	CUPPS compliant and native AEA 2012, IPTS 2018, IPTS 2019, IPTS 2022 support
Interfaces	RS232 / USB / ETHERNET
Data Buffer	16 KB text / 1 MB graphics
Flash Memory	3 MB
Drivers	Windows® (32/64 bit) – only on request WHQL and silent installation; Linux (32/64 bit); Virtual COM (Linux or Windows 32/64 bit); OPOS; Android™; iOS
Power supply	24 Vdc±10% , from 100 Vac to 240 Vac
Medium consumption	1.5A (12.5% dots turned on)
Head Life	100Km / 100M pulses
MCBF	Tear off device
Operating temperature	0°C + 40°C
Dimensions	BPP mode: W 130 mm x D 185.9 mm x H 118.9 mm BTP mode with paper roll holder (optional): W 136.5 mm x D 371.4 mm x H 210.8 mm
Weight	1.9 Kg

## MODELS



### 911HL020900733

PRINTER TK180 ETH USB RS232  
AVIATION



### 911HL021100733

PRINTER TK180 UHF RFID 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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