



## TK180 METAL

### Baggage tag and boarding pass printer

TK180 Metal is the most compact combined BPP and BTP printer with native AEA 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 a major issue. 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. TK180 Metal is capable of using the same firmware for BPP and BTP, configurable via set up. Reliable and fast printing at 203 mm/s. 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. Display. TK180 Metal supports the UHF RFID according to IATA 1740C, standard EPC Gen2. TK180 metal casing is available in two versions: with practical tear-off or with reliable autocutter.



## CHARACTERISTICS

- Extremely Compact and Reliable
- Full metal robust casing
- BPP and BTP all-in-one
- CUPPS compliant and native AEA 2012, IPTS 2018, IPTS 2019 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

- 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

- Small-sized check-in desks
  - Boarding desks
  - Mobile check-in desks
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## ACCESSORIES

- Vertical stacker
  - Roll holder for bag tag
  - RFID module
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## TECHNICAL SHEET

<b>Printing Method</b>	Thermal with fixed head
Number of dots	8 dots/mm
Resolution	203 DPI
Printing (mm/sec)	203 mm/sec
Character set	Latin, Cyrillic, Chinese
Paper width	from 20 mm to 82.5 mm
Emulation	CUPPS compliant and native AEA 2012, IPTS 2018, ITPS 2019 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
Operating temperature	0°C + 40°C
Dimensions	122.6 (L) x 85 (H) x 145.6 (W) mm
Weight	2.2 Kg

## MODELS



**911HL010400733**  
PRINTER TK180 METAL USB  
RS232 AVIATION



**911HL011300733**  
PRINTER TK180 METAL CUT/EJC  
USB RS232 AVIATION



**911HL011600733**  
PRINTER TK180 METAL CUT UHF  
RFID USB RS232 AVIATION



**911HL011000733**  
PRINTER TK180 METAL UHF RFID  
USB RS232 AVIATION

Via Berettine, 2 - 43010 Fontevivo PR - VAT: IT02498250345 - TEL: +39 0521 680111 - FAX: +39 0521 610701 - UNIQUE CODE: 8RQN7AZ

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