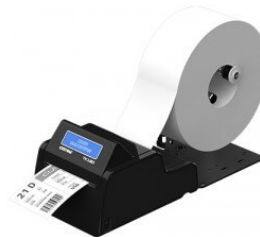




TK180

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
-

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
-

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 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 RS232 (RJ45) 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); CUPS Linux (32/64 bit); Virtual COM (32/64 bit) with or without silent installation; Android™
Software tools	PrinterSet, CustomPowerTool, Status Monitor, Custom Windows API, AeroVcomService remote monitor configuration tool
Power supply	Device: 24 Vdc±10% 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) 366.5 mm (L) x 130 mm (W) x 161 mm (H) (Base model + Roll Holder*) *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

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.

Last update: 18 June 2026