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 200 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 support
- High speeds up to 200mm/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:

- Domestic airports
- Small-sized check-in desks
- Boarding desks
- Mobile check-in desks

UHF

- ETSI standard, fully compliant to the European Regulation ETSI EN 302 280 (869.525 MHz)
- FCC standard, fully compliant to the US telecommunication regulation FCC part 15 (902-928 MHz)
- ISO 18000-6B
- Philips UCODE EPC 1.19
- EPC Class1 Gen2 / ISO 18000-6C

SOFTWARE:

- Self-installing drivers for Windows 7, 8, 8.1, 10 (32-64 bit support); Linux (32-64 bit support); Android, iOS, Windows Phone

TECHNICAL SHEET

Printing Method	Thermal with fixed head
Number of dots	8 dots/mm
Resolution	200 DPI or 300 DPI
Printing (mm/sec)	> 200 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	from 20 mm to 82.5 mm
Paper weight	70/255 g/m²
Paper thickness	70/255 g/m²
Roll Dimension	200 mm external diameter, 25 mm internal core, not coupled to the role core
Emulation	Cupps compliant and native AEA 2012 support
Interfaces	RS232 / USB / ETHERNET
Data Buffer	16 KB text / 1 MB graphics
Flash Memory	3 MB
Drivers	Self-installing drivers for Windows 7, 8, 8.1, 10 (32-64 bit support); Linux (32-64 bit support); Android, iOS, Windows Phone
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	-10°C + 60°C ±10%
Dimensions	BPP mode: W 130 mm x D 185.9 mm x H 118.9 mmBTP 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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