



TK302

Boarding pass and baggage tag printer with strong autocutter

TK302 is the most advanced BPP and BTP ticket printer found on the market, designed for applications involving high work loads and requiring reliability and high performance. TK302 is completed by a two-row display with 20 characters. TK302 has an Ethernet interface with Embedded Web Server, which allows you to remotely and fully control the printer and perform real time diagnostics. The embedded client mail system is capable of sending out emails automatically, to request support or simply a paper change. The web server provides the flexibility of use required to upload and download fonts and logos from the Internet. It's equipped with native AEA firmware for a seamless integration in CUTE and CUPPS platforms, reliable and fast printing at 200 mm/sec. TK302 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. Autocutter and full display. TK302 supports the UHF RFID according to IATA 1740C, standard EPC Gen2.





Characteristics

- **Heavy duty autocutter**
- BPP and BTP all-in-one
- Cupps compliant native AEA 2012 support
- High speeds up to 200mm/sec
- Interface: USB, RS232 and **Ethernet**
- Automatic ticket length detection
- Multibin option for handling 3 boarding passes
- High quality printing head for clear prints
- SD card for FW upgrade
- **RFID** option
- New flat paper roll holder
- Full paper auto-loading without paper wasting

FOCUS ON:

- 1D and 2D IATA barcode printing: UPC-A, UPC-E, EAN13, EAN8, CODE39, ITF, CODABAR, CODE93, CODE128, CODE32, PDF417, DATAMATRIX, AZTEC, QR CODE
- Serial/USB/Ethernet interface
- Sensors: fully adjustable lower and upper optical sensor, to suit any ticket width. Ticket presence sensor
- The external power supply adapter can be removed to improve installation flexibility
- Self-installing Printer Driver - Win7, 8, 8.1, 10 (32 - 64 bit compatible). WHQL certified (only on request). Self-installing USB Virtual RS232 Driver - Win7, 8, 8.1, 10 (32 - 64 bit compatible). WHQL certified (only on request); Linux 32-64 bit compatible; Android, iOS, Windows Phone



UHF

- ETSI standard, fully compliant to the European Regulation ETSI EN 302 208 (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



ENERGY STAR
certified



VeriPrint® allows to integrate a documents' scanning unit (scanner) with a the printing head in a unique element. VeriPrint® allows to print and save in real time the digital image of the issued ticket/receipt, to recognize possible printing/problems and to use the scanned document as electronic journal or certified copy of the issued document.

Accessories



- Multi Bin: can handle 3 different ticket types
 - VeriPrint® printing head with embedded scanner unit
 - Internal barcode scanner
 - Different RFID HF and standard UHF supported: UltraLight RFID; RFID ISO 14443 A/B/B'; ISO 14444, Felica, ISO18092 (NFC); RFID UHF: IATA norm RP1740c recommended; Etsi EN 300 220 and FCC part 15 optional
 - Plastic or metal ticket outlet chute
 - Paper roll holder mount or fan-fold
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Technical sheet

Printing Method	Thermal with fixed head
Number of dots	8 dots/mm
Resolution	203 DPI
Printing (mm/sec)	200 mm/sec
Character set	Latin, Cyrillic, Chinese
Paper width	from 20mm to 82.5mm (2mm step)
Paper weight	from 80 to 255 g/m ²
Emulation	Cupps compliant native AEA 2012 support
Interfaces	RS232 / USB / Ethernet
Data Buffer	64 KB
Flash Memory	16 MB
Drivers	Self-installing Printer Driver - Win7, 8, 8.1, 10 (32 - 64 bit compatible). WHQL certified (only on request). Self-installing USB Virtual RS232 Driver - Win7, 8, 8.1, 10 (32 - 64 bit compatible). WHQL certified (only on request); Linux 32-64 bit compatible; Android, iOS, Windows Phone
Power supply	24Vdc ± 10% ; Auto Range, 90-132 Vac & 190-264 Vac
Medium consumption	0.8A (12,5% dots turned on)
Head Life	100Km /100M pulses
MCBF	over 2,000,000 cuts
Dimensions	252.1 (L) x 192.6 (H) x 216 (W) mm
Weight	4 Kg

Models



911BB010600713
PRINTER TK302
AVIATION



911BB011200713
PRCT TK302 ETH USB
VERT STACK AERO E01



911BB030100713
TK302 BT PRINTER RFID
UHF AVIATION



911BB020700713
PRCT TK302 TF888 ETH
USB AERO E01

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