



TK302III

RFID Ticket printer

TK302III is the most advanced ticket printer available on the market for applications that require durability and the latest technologies. The printer can be delivered with an optional barcode scanner to validate tickets with pre-printed barcodes and with several RFID modules for HF and UHF. The optional barcode scanner makes the TK302III suitable for all ticketing applications where fraud risks are very high, as it improves access controls. The barcode scanner is positioned inside the printer for a secure and real time scanning process. TK302III is extremely fast: up to 200mm/s ticket printing speed. It prints different paper widths, from 20 to 82.5mm, and can be easily adjusted by the user. Ticket weight (in grams): from 80 to 255 g/m². TK302III 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.



CHARACTERISTICS

- Ethernet web server for remote printing and configuration
- Printing speed up to 200 mm/s
- Version with high printing resolution - 300 DPI (TK303) - **optional**
- Different ticket widths: from 20 to 82.5 mm
- Ticket weight (in grams): from 80 to 255 g/m²
- Embedded display on 2 lines
- Automatic and robust cutter for 1.5 million cuts
- 32 bit powerful processor, 266 MHz
- RAM up to 32 MB, on 32 MB flash memory
- SD expansion slot for an additional 2 GB memory
- COM/USB virtual SW emulator

FOCUS ON:

- 1D and 2D barcode printing: UPC-A, UPC-E, EAN13, EAN8, CODE39, ITF, CODABAR, CODE93, CODE128, CODE32, PDF417, DATAMATRIX, AZTEC, QR CODE
- RS232 + USB + Ethernet interface
- Sensors: fully adjustable lower and upper optical sensor, to suit any ticket width. Ticket presence sensor
- Using the 2 Gb SD or the 8 Mb mass storage USB memory, you can easily upload True Font characters and logos with a simple drag and drop command, and you can the install them directly
- The external power supply can be removed to facilitate installation

SOFTWARE:



PrinterSet SOFTWARE : to update logos, edit characters, set operating parameters and update the printer firmware. It allows you to create a file including the different SW customizations and send them to the printer via the interface provided, for easy and fast setting, even via LAN.

- Auto-installing drivers for Win 7, 8, 8.1, 10 (32/64 bit compatible), Linux Driver (C.U.P.S.) 32/64 bit compatible
- OPOS in Java and .NET
- Custom Power Tool
- EasyMifare
- EthLocator

OPTIONAL:



- Triple bin: can handle 3 different ticket types
- Internal barcode reader to validate pre-printed tickets with barcodes
- Different UF RFID and standard UHF supported: UltraLight RFID, Mifare and optional I-code; RFID ISO 14443 A/B/B'; ISO 14444, Felica, ISO18092 (NFC), optional Mifare; RFID UHF Multi Protocol
- Plastic or metal ticket outlet chute
- Paper roll holder mount or fan-fold

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	PC437, PC850, PC860, PC863, PC865, PC858
Printing Format	Height and width from 1x to 8x, reverse, underlined, script, bold
Printing Direction	Straight, 90°, 180°, 270°
Paper width	From 20mm to 82.5mm (2mm step)
Paper weight	from 80 to 255 g/m ²
Emulation	CUSTOM/POS - SVELTA
Interfaces	RS232 / USB / Ethernet
Data Buffer	64 KB
Flash Memory	16 MB
Graphic Memory	Dynamic logo management (max 2MB graphic memory)
Drivers	Win 7, 8, 8.1, 10 (32/64 bit compatible) Linux Driver (C.U.P.S.) 32/64 bit compatible OPOS in Java and .NET
Software Tools	PrinterSet, Custom Power Tool, EasyMifare; EthLocator
Power supply	220 Vac ± 10%
Medium consumption	0.8A (12,5% dots turned on)
Head Life	100Km /100M pulses
MCBF	over 1,500,000 cuts
Dimensions	252.1 (L) x 192.6 (H) x 216 (W) mm
Weight	4 Kg

MODELS



911BB070100713

PRINTER TK302III ETH USB RS232

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