

TK180

The smallest combined printer with high reliability features

TK180 is the smallest and highly reliable printer available. Optional paper roll holder. TK180 is equipped with a powerful internal processor and Hot swap function. Printing > 200 mm/s. The Ethernet, RS232 and USB interfaces assure easy and flexible integration. In addition to the most common sensors, it is also provided with the new mobile 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.



CHARACTERISTICS

- The smallest printer on the market: just 130 x 185.9 x 118.9 H mm (5.1" x 7.2" x 4.6" H)
- Very fast: > 200 mm/sec (8"/sec)
- ETHERNET + RS232 + USB (or Virtual COM) interfaces
- Paper width: from 20mm to 82.5mm
- Paper thickness: 70/255 gr/m2
- High-resolution display with strong ambient light
- Tear off
- 1D and 2D barcode printing (PDF417, DATAMATRIX, AZTEC, QR CODE)
- Automatic sensor calibration, no paper waste
- Embedded cables and wires

FOCUS ON

- Label processing
- Suitable for printing on receipt paper on a roll
- True Font character support, any language available
- Sensors: Head temperature, paper presence, mobile detectors of black mark or translucent gap/hole (setting by software), cover open, external low paper

APPLICATIONS

- Coupon/voucher printing
- Boarding pass and luggage tag printer (AEA)
- Parking ticket office
- Metro and bus ticket office
- Theme parks box office
- Healthcare wristband printing
- Label printing

CUSTOM

ACCESSORIES

- Roll holder

What is in the box:

- Device, short guide, AC power cable, reducer for paper width, AC adapter

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CUSTOM

TECHNICAL SHEET

Printing Method	Thermal with fixed head
Number of dots	8 dots/mm
Resolution	203 DPI
Printing (mm/sec)	200 mm/sec to 203 dpi
Character set	PC437, PC850, PC860, PC863, PC865, International
Supported Barcode	UPC-A, UPC-E, EAN13,EAN8, CODE39, ITF, CODABAR, CODE93, CODE128, CODE32, PDF417, DATAMATRIX, AZTEC, QRCODE
Printing Format	Height and width from 1 to 8, bold, reverse, underlined, italic
Printing Direction	Straight, 90°, 180°, 270°
Paper width	from 20 mm to 82.5 mm
Paper weight	from 70 to 255 g/m²
Paper thickness	Max 270 µm
Printing width	80 mm
Roll Dimension	200 mm external diameter, 25 mm internal core, not coupled to the role core
Emulation	CUSTOM/POS, SVELTA
Interfaces	RS232 / USB (or Virtual COM) / ETHERNET
Data Buffer	16 Kbytes
Flash Memory	1 Mbytes internal + 8 Mbytes external (of which 4Mbytes available for user)
RAM Memory	128 Kbytes internal + 8 Mbytes external
Graphic Memory	"Drag&Drop" graphics and logo
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
Software Tools	PrinterSet, CustomPowerTool, Status Monitor
Power supply	24 Vdc±10% , 110Vac
Medium consumption	1.5A (12.5% dots turned on)
MTBF	113,000 hours (electronic board)
Head Life	100Km / 100M pulses
Operating temperature	0°C + 40°C
Dimensions	W 130 mm x D 185.9 mm x H 118.9 mm
Weight	1.9 Kg

MODELS



911HL021000733
PRINTER TK180 RS232/USB/ETH
PLASTIC CASE

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