

# TTP 1020/1030 KIOSK PRINTER



The TTP 1020 and 1030 are fast, reliable and versatile kiosk/receipt printers for both Windows and other operating systems.

- 58 mm paper width
- 100 mm/second printing speed
- Windows Plug and Play
- Loop presenter
- Flip-up printer mechanism



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**SWECOIN**

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## TTP 1020/1030 kiosk/receipt printer

The TTP 1020 and 1030 are fast, reliable and versatile kiosk/receipt printers for both Windows and other operating systems. Your receipts can now use all the graphics and font capabilities available in Windows. Furthermore, with a print speed of up to 100 mm per second there are no limits to receipt design.

The printers have an integrated control board. When connected via parallel or USB interface, the printers are Plug and Play compatible with Windows 95/98/ME and NT/2000. You can also address the printers directly from your kiosk software in text mode.

The unique, patented loop presenter mechanism handles documents of various lengths. The presenter holds the receipt until ready, then cuts and presents the complete receipt to the customer.

The fast IEEE 1284 bi-directional parallel port on TTP 1020 and USB on TTP 1030 minimizes transfer times and allows smooth printer supervision, and a flip-up printer mechanism greatly facilitates maintenance.

### Technical data

#### PRINT DATA

Printer control	Windows 9X/NT4/2000/XP, Linux and Macintosh drivers Direct address through one or two-byte commands (ESC sequences)
Plug and Play	Yes
Print method	Direct thermal line printing
Resolution	8 dots/mm (203 dpi)
Printing feed pitch	1/8 mm (203 lpi)
Print speed	Up to 100 mm/s
Printing width	54 mm, 432 dots
Interface	TTP 1020: Parallel IEEE 1284 TTP 1030: USB RS 232 (Xon/Xoff or hw flow ctrl)

#### PAPER HANDLING

Paper width	58 mm
Receipt length	75 – 600 mm
Separation	Full or partial cut
Presenter principle	Holds receipt until ready, then cuts and presents the complete receipt
Eject length after cut	Programmable, full eject, or hold the receipt until the customer removes it. Eject of uncollected receipts.
Paper loading	Automatic feed, cut, and eject when paper is detected. Automatic "on-line" after successful paper load.
Paper path	Straight paper path and flip-up printer mechanism
Sensors	Optical sensors: Out of paper, paper left in presenter, and paper near end (optional). Switch sensor: Print head lifted, and cutter not in home position.
Roll holder	Can be mounted on a vertical or horizontal surface. Key hole fastening of printer for easy removal.

#### MISCELLANEOUS

Typical throughput	Up to 1 receipt/s. (Length 75 mm. Print, cut and present.)
Dimensions (WxHxD)	100x103x170 mm
Power requirements	24Vdc $\pm$ 10%, idle 150 mA, average 4.5A, peak 6A
Environmental	-5 to +45 °C. 35 to 75% relative humidity, non-condensing.
Life expectancy/ MTBF	Print head life: >100 km paper, and >100 million pulse lines. Cutter life: 500 000 cuts Control board life: 40 000 hours MTBF: 250 000 tickets

### Application examples

- Automated teller machines (ATMs)
- Recycling machines
- Coupon printers
- Currency exchange machines
- Gambling and lottery terminals
- Gas pump terminals
- Information kiosks
- Receipt printers
- Scale systems
- Ticket systems
- Vending machines



An optional paper roll holder also serves as a mounting platform for the printer.

Specification subject to changes without notice.



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