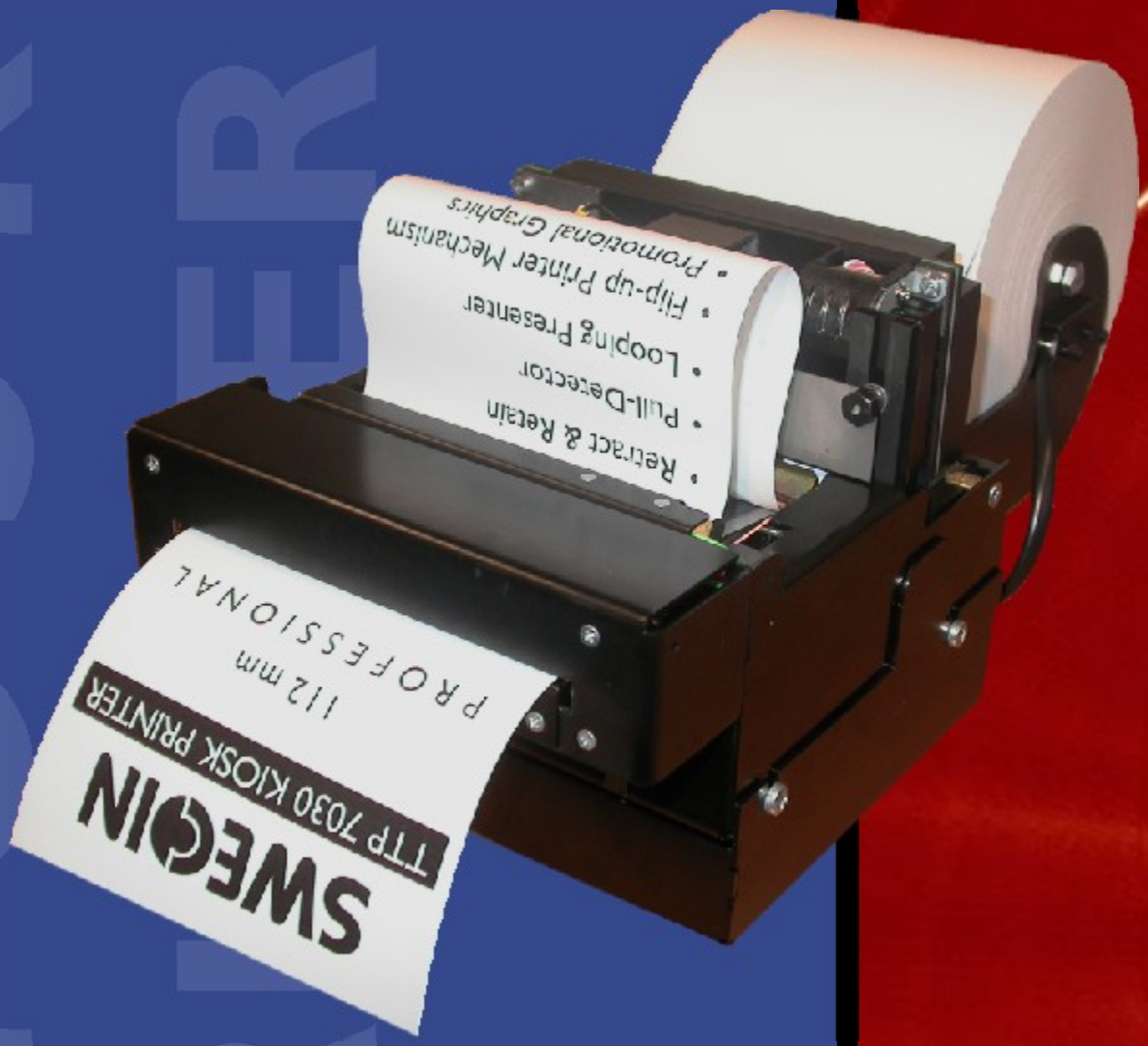
KIOSK PRINTER

TTP 7030



TTP 7030 is a robust, fast and extremely reliable kiosk printer for both Windows and Linux

- 112 or 80 mm paper width
- 75 mm/second print speed
- Looping presenter
- Pull detector
- Retract and retain option
- Flip-up printer mechanism

professional **printer** solutions

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TTP 7030 Kiosk printer

The TTP 7030 thermal kiosk printer is a robust, flexible device that is used in thousands of self-service applications around the world. It offers extensive functionality and the highest reliability in a small footprint. It is available for paper widths of 80mm and 112mm.

The TTP 7030 was developed for unattended use in unfriendly environments such as heat, cold and vibration. It has an integrated control board and is plug-and-play compatible for installation in any system (Windows and Linux). You can also address the printer directly from your kiosk software. Dual paper sensors enable status at two intervals to ensure paper lasts through the weekend. On 112mm printouts you can scale down web pages or use the extra space for commercial messages.

The TTP 7030 includes practical functions such as the patented looping presenter which handles documents of various lengths. It keeps the paper inside the printer until printing is completed and the paper has been cut, preventing the leading cause of paper jams. At this point the printout is presented to the customer either with a full eject or a variable eject function. This feature allows you to customize how much is displayed until the customer starts to pull it, when the pull detector will eject the printout. An optional retract & retain function will retract abandoned printouts into a waste bin inside the kiosk.

The TTP 7030 printer is compact and versatile. It can be installed at various angles to fit many kiosk designs and its array of features will add value to any kiosk project.



Application examples

- ATMs
- Information kiosks
- Internet kiosks
- Multimedia kiosks
- Ticket systems
- Vending machines
- Employment kiosks

GENERAL

Printer control	Drivers for: Windows 2000/XP, Linux. Direct address via 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 75 mm/s
Printing width	104 mm (832 dots) for model /112 72 mm (576 dots) for model /80
Interface	USB (optional Serial RS232 adapter)

PAPER HANDLING

Paper width	112 or 80 mm depending on model
Printout length	75 to 600 mm
Paper weight	57 – 130 g/m^2 (0.054 – 0.13 mm)
Paper path	Straight paper path and flip-up printer mechanism
Paper loading	Automatic paper loading. Automatic "on-line" after successful paper load.
Separation	Full cut trough guillotine cutter
Presenter principle	Looping presenter that holds printout until fully printed, then cuts and presents the printout.
Eject length after cut	Eject of 50 mm. Easily extended with parameter setting.
Pull detector	Automatic full eject when customer pulls the printout.
Eject of uncollected printouts	Eject when new printout is initiated, or eject when timeout elapses. Timeout can be set in 10 s steps.
Paper sensors	Optical – Out of paper / black mark, printout left in presenter and pull detector. Optional retract, paper low, and weekend paper low sensors. Switch sensors – Print head lifted, and cutter not in home position.
Retract and Retain (optional)	Retracts uncollected printouts into a waste basket inside the kiosk.
Shutter (optional)	Improved anti-vandalism protection.
Paper roll holders	Paper roll holders for various paper roll sizes and placing behind or underneath the printer are available.

MISCELLANEOUS

Typical throughput	1.5 s/printout (Length 75 mm. Print, cut and present)
Printer size (w x h x d)	Model /112 – 168x137x150 mm Model /80 – 136x137x150 mm
Power requirements	Voltage – Single, 24Vdc ±10%.
Current /80 mm	Idle 150 mA, average 2.5A, peak 8.5 A
Current /112 mm	Idle 150 mA, average 3.5A, peak 11 A
Safety	UL, CE
Environmental	– 5 to 40°C 35 to 75% RH, non-condensing

LIFE EXPECTANCY (MTBF)

Print head	>50 km paper, >1x10^8 pulse lines
Cutter	500 000 cuts (typically)
Control board	40 000 hours (typically)
Printer unit	250 000 printouts (typically)

TEXT FUNCTIONS

Orientation	Portrait and Landscape
Fonts	Up to 8 fonts of 256 characters. Fixed, or proportional spacing
Text attributes	Bold, Underline, Italics, Reversed text.
Text scaling	Independent x1 to x16 both w and h
Graphics	Logotypes, BMP bitmaps, ruler lines
Bar Codes	EAN8, EAN13, Interleaved 2-of-5, UPC, ISBN, Code 39 and Code 128

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