



TSP800II Series

High Speed, Wide Format Barcode, Label, Receipt and Ticket Printer

NEW



- Multi-functional 180mm / sec. Barcode, Label, Receipt & Ticket printer with Autocutter and high resolution 406 x 203 dpi mode
- Unique 104mm / 4" print width – on paper stock up to 0.15mm thick. 82.5 and 80mm paper rolls can also be accommodated using the optional paper guides
- Internal or External Paper Feed Paths (external for large capacity or security applications)
- "Drop-In & Print", easy paper loading
- Two colour output when required with comparable running costs to other technologies – red / black or blue / black (special paper required)

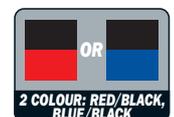
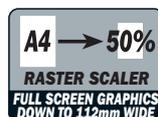
- Compact Footprint (180 (w) x 213 (d) x 148 (h) mm) with vertical "Desk Boot" and Wall Mount options
- New all inclusive PSA driver for multi-platform installation included in box
- Automatic scalable raster driver for immediate A4 reduction to virtual A6. Ideal for desktop A4 replacement printer, internet café and kiosk use

- **Kiosk Information Terminal Printer**
Desk boot option & external paper feed path
- **Internet Printer**
Automatic screen image reduction output
- **Remote Printer**
- **Industrial Printer**
Data logging, journals – high capacity paper rolls

Typical Applications

- **High Quality POS Receipt Printer** with shelf edge labelling feature
- **Barcode Printer**
- **Ticket / Label / Kiosk / Information Terminal Printer** with black mark sensor

- TSP847IID** Serial Interface
- TSP847IIC** Parallel Interface
- TSP847II** Non interface version with low cost USB & Ethernet user-installable options

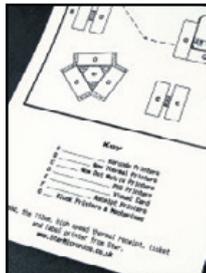


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High speed USB and Ethernet interface options (user installable)



Versatile 112mm output for all retail and kiosk environments



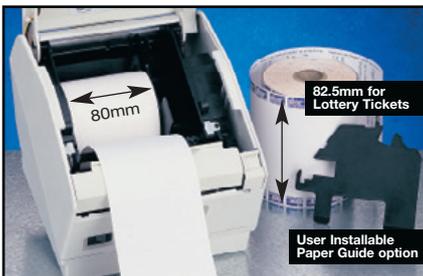
Unique kiosk printer for automatically scaled A4 to A6 output. (See the Star Kiosk brochure for further details)



External paper feed path for secure or high capacity applications



Wall mount and desk boot options



112mm paper width standard. 82.5 and 80mm paper also available with optional paper guide



Barcodes, labels, receipts and tickets all from one model at speeds up to 150mm / second



Automatic Second Copy Raster Driver with minimal software changes

TSP800II Printer Specifications

Printer Method	Direct Thermal Line Printing
Print Speed	Max. 180mm per sec.
Paper Feed Speed	180mm per sec.
No. of Columns (maximum)	104mm with A4 reduction facility
Print Resolution (vertical x horizontal)	203 x 203 dpi
Double Density graphics	406 x 203 dpi (selectable for ID photos etc.)
Character Matrix	ANK. 12 x 24. IBM Graphic 12 x 32
Character Set	ANK 95, 32 Int 128 Graphic
Print Width	up to 104mm / 832 dots
Code Pages	Star Mode = 40 + 1 blank, ESC/POS™ Mode = 10 + 1 blank
Barcodes	9 versions / PDF417, Maxicode Option (Pending)
Line Spacing	3mm or 4mm (programmable)
Flash ROM / SRAM	2 x 8 Mbit plus 2 x 1 Mbit Static RAM
Paper Specifications:	
Width	112mm
Roll Diameter	100mm
Thickness	0.065 ~ 0.15mm
Loading	"Drop-in & Print"
Printer Reliability:	
Printer	37 million lines (CRT MCBF) 12.5 million lines (Traditional)
Print Head	100 Km
Cutter (Guillotine)	65 ~ 75µm. 2 million cuts
Emulation	Star Line & Page Mode, DP8340 Mode & ESC/POS™
Interface	RS232C Serial or Parallel as standard USB, 9-pin Serial and Ethernet options
Data Buffer	4 KByte / 8 KByte 1 Line Selectable
Peripheral Drive	2 Drivers + 1 Compulsion Input
Safety Standards EMI	UL, C-UL, TÜV, CB FCC, VCCI, EN55022, CE marking
Drivers Available	Windows 7, 2000/XP/XP Embedded/WePOS/Vista™/CE, Linux™, Mac OS X, Windows 98/ME/NT4 (download only) OPOS™, Java-POS™, CUPS™, POS.Net, USB Vendor Class, Star IO, Scalable Raster Driver
Operating Conditions:	
Temperature	5 ~ 45°C
Humidity	10 ~ 90% RH (Non condensation)
Storage Conditions:	
Temperature	-20 ~ +60°C
Humidity	10 ~ 90% RH (Non condensation)
Power Consumption	Operating / Waiting – Average 2.0 / 0.12A Uses PS60 – 24V Psu with Hosiden connector
Overall Dimensions	180 (W) x 213 (D) x 148 (H) mm
Weight	1.7Kg (without paper)
Options	Parallel (IFBD-HC03), Serial (IFBD-HD03), Ethernet (IFBD-HE05), USB (IFBD-HU05), Serial 9-pin (IFBD-HN03) Interfaces PS60 Power Supply, 82.5 or 80mm Paper Guide Power Switch Cover, Wall and Vertical Mount Kits
Additional Features	Full and Partial Cut, Rear Paper Path Near End Paper Sensor Black Mark Sensor Star White or Charcoal Grey Casing Logo Store, Power Switch Cover

Automatic Page Scaling - A4 to virtual A6

The new **TSP800II Scalable Raster Driver** provides the ability to format a page or screen image in the same way as a standard PC printer and then print that image on 112mm wide paper up to 0.15mm thick. All this at up to 150mm / sec, without the need for additional software!



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