TSP100 futurePRNT
Everything and more in a POS Printer

❋ Sophisticated, high performance thermal receipt printer with tear bar or autocutter

❋ Full Speed USB interface with selectable serial port emulation

❋ The most "complete" POS printer available today with all accessories included with the printer:

- 1.8m full speed USB cable
- Internal power supply with 1.8m power cord
- Start-Up CD-Rom with drivers for majority of operating platforms including Java-POS™, OPOS™, Apple Mac™, Windows™ with Microsoft certification(WHQL)
- Wall mount and vertical operation kits with automatic receipt reversal software for user comfort
- Power switch cover
- 58mm paper guide
- Valued-Added software for Retailers:
  √ Receipt Re-design Tool including font replacement (early 2006), cropping and logo/picture placement tool
  √ Coupon Marketing Tool
  √ Unlimited Image Import Tool
  √ Electronic Journal facility
  √ Automatic 2nd COPY feature for security or administration purposes

All availabe to work alongside your original software!

- Valued-Added Software for OEMs, System Builders, Software Developers:
  √ Free Customer Software Tools
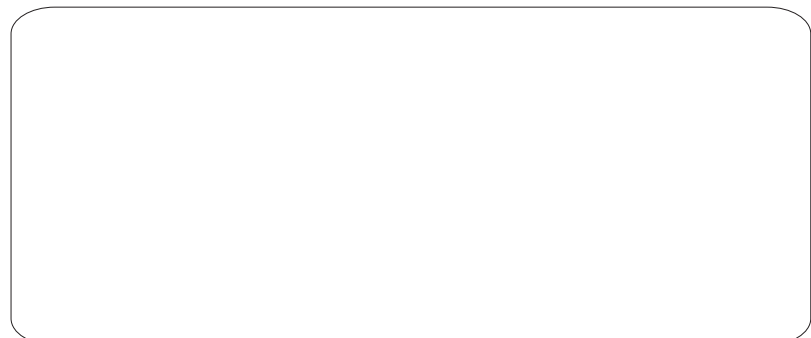 √ Dedicated SDK
  √ Selectable Pre-view tool

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■ paper guide for 58mm paper roll ■ Tight design for cable connection ■ easy Installable Wall Mount bracket

Specification

▶ **TSP143 : AUTOCUTTER VERSION**   ▶ **TSP113 : TEAR BAR VERSION**

Printing Method	Direct Thermal Printing
Receipt per minute	25 receipts per minute
Case Colour	Star white or charcoal Grey
Resolution	203 dpi (8 dots per mm)
2 Colour Print Capability	Red/Black, Blue/Black (Special paper required)
No. of columns	48/64 or 53/71 dependent on print width
Character set	ANK 95,32 int 128 Graphic plus Chinese, Japanese, Korean
International Code Pages	Star Mode=40. ESC/POS™=10+1 blank allowing an additional Character page to be added
Barcodes	Extended barcode functionality - 9 versions / QR Code
Line Spacing	3mm or 4mm + programmable
Paper Specifications:	
Width	80mm standard, 58mm with guide fitted
Thickness/Weight	0.065mm - 0.085mm / 65 - 85gsm
Roll Diameter	up to 83mm
Easy-Loaded	"Drop-In & Print"
Paper Out Sensor	Standard
Max. Print Width	80mm paper = 72mm, 58mm paper = 50.8mm
Top Margin	11 mm
Autocutter	Guillotine (for TSP143 only)
Logo Store Capacity	unlimited
Drivers Available	Windows™, Mac OSX™(10.2 or later), Linux CUPS Support™, OPOS™,JavaPOS™, POS for . NET
Interface / Port	Full speed USB2.0 and Virtual Serial Port for legacy applications.
Emulation	Star Mode, ESC/POS™
Peripheral Drive Circuit	2 circuits (24V max 1A) 1 compulsion input
Power Consumption	Average 1.6 Amp. Printing, 0.1 Amp. Standby
Power Supply	Internal 100-240V power supply
Operating conditions:	
Temperature	5°C to 45°C
Humidity	10% to 90% RH (Condensation)
Dimensions	142mm (W) x 204mm (D) x 132mm(H)
Weight	TSP143: 1.73Kg; TSP113: 1.56Kg
Safety Standards	UL; C-UL; TUV; FCC; VCCI; EN55022; CE; CB
Reliability:	
MCBF	60 Millions Lines
Print Head	100 Kilometer
Cutter(Guillotine)	1 Million Cuts
Accessories	**ALL** accessories bundled with printer: Wall Mount Bracket, Auto-Reverse Text Output software; Vertical Mount Accessory; 58mm Paper Guide; USB2.0 Cable; Power Cord; Power Switch cover; Installation CD and valued-added software

All Specifications are subject to change without notice.

TSP100 futurePRNT
Everything and more in a POS Printer

CERTIFIED USB™

Designed for Microsoft® Windows®XP

◊ Advance Features ◊

High Performance/Low Cost · Future POS Printer all in one package with high quality and low cost

Multi Function Utility · · · Bundled with rich function CD for the End Users, Developers and programmers

High Speed Printing · · · · Famous Raster driver enables the fastest throughput in its class

WHQL · · · · · · · · · · · futurePRNT got digital signed by Microsoft™.

Internal Power Supply · · · External Power Supply is unnecessary because it has integrated.

Durable Body · · · · · · · The well considered structure design offers extreme durability for daily operation.

All In One Package · · · · · TSP100 series comes with All-in-One package; including CD-ROM for all Printer Drivers & Utility, USB Cable, Wall Mount & Vertical Operation Kit, 58mm Paper Guide and Power Switch Cover.

Autorun Drivers · · · · · · including all drivers (Win 9X ™, Win2K ™, XP ™, MAC OSX ™, Linux ™, JAVAPOS ™, OPOS™). Insert the CD or plug the printer in and the installation automatically starts

Free Layout · · · · · · · · Horizontally or Vertically as your space allows! Auto-Text Reversal ™ function with bundled Wall Mount & Vertical Operation Kit.

Heavy Duty Auto Cutter · · · High speed & Heavy duty Auto Cutter for Cutter models (Guillotine with 1Mil. Cuts)

Case Color · · · · · · · · Selectable from conventional White or trendy Grey

Please visit **www.futurePRNT.com** for more...

TSP100 ✩ *New*
futurePRNT
Everything and more in a POS Printer

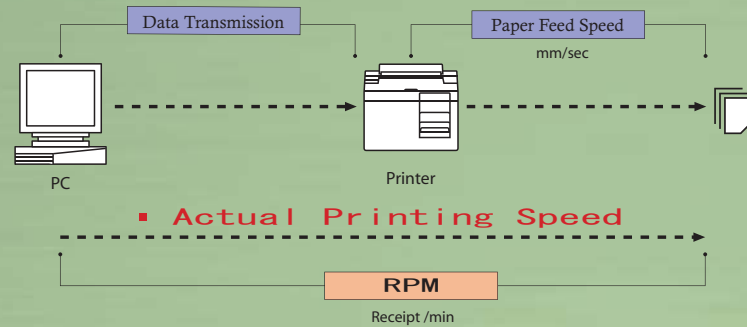## High Performance - 25 Receipts Per Minute

25 receipts per minute - the new speed definition in POS printer.

It will measure the actual time taken to produce an entire receipt from the moment it is requested by the software to when it is produced.

Star's latest TSP100 futurePRNT is testament to the vast difference in throughput speed when using the very latest in printer technology. Just look at the results in the table below. Users are no longer limited to using old fashioned, unexciting resident fonts on their receipts. The TSP100 futurePRNT is capable of printing the same number of receipts per minute using modern True Type fonts instead.

Data Transmission

Paper Feed Speed
mm/sec

PC   Printer

▪ Actual Printing Speed

RPM
Receipt /min

Model (USB Interface)	Driver Version	Receipts Per Minute		
		Print Speed (mm /sec.)	Graphic with TrueType Font	Resident Font
Star TSP100	V.1.0	**125**	**25**	**25**
Epsan IM-T88III	V.5.0.3.0	150	7	25
Star TSP600	Raster: 20050520 Line : 20050628	100	21	24
Star TSP700	Raster: 20050520 Line : 20050628	180	34	39

Results obtained printing 80mm wide X 150mm long receipt with Microsoft Windows XP on PC with CPU 2.3GHz and 512 MB RAM

"Instinctive" compatibility with majority of POS operating platforms, with quality suite of drivers.

Designed for Microsoft® Windows® XP

OPOS

JavaPOS

Linux™

Full speed USB Interface

integrated the full speed USB 2.0 interface

- bundled with "Serial Port Emulator" and Full speed USB Interface cable

The TSP100 futurePRNT integrated the full speed USB 2.0 interface with a serial port emulator . The legacy POS software, which has been designed only for serial interface, can run with this printer through the USB interface

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Receipt Re-Design Tool

This revolutionary new tool has been designed to work completely independently from your current POS software and will allow any user to literally re-design their receipts without changing their software.

Legacy software can have embedded text and graphics which you may always wanted to change. Now you can, with the new RECEIPT CROPPING TOOL which will crop unwanted sections, thus creating space for new graphics and text. The unique Star selectable PRE-VIEW TOOL will make this task even easier. Perhaps the most important element will be the FONT REPLACEMENT TOOL making the printer's resident fonts no longer relevant. It will replace any non True Type fonts featured on the receipt with a more attractive font - all without affecting the speed of the printer.

Star TSP100 System Builder Tools

TSP100 will take customer motivation to new heights with this free-of-charge valued-added software, which will work alongside your current system. The new COUPON MARKETING TOOL from Star will enable the automatic printing of coupons based on the retailor's pre-decided products or purchase values relevant to that transaction.

Seasonal fluctuations, overstock situations can all be addressed certain "trigger action" key words. Unlike Autologo on the TSP700, the simple wizard-driven software will "word-search"all receipts to ascertain the automatic output of relevant coupons or graphics.

The new PRE-VIEW TOOL provides retailers and system builders with the ability to pre-check the overall appearance of planned receipts by using the pre-view tool during set-up.

The Most "Complete" POS Printer available today!

PRE-INSTALLATION SETUP TOOL - with Easy driver installation for all major platforms with CD-ROM supplied or using the Star designed architecture for fast modifications when needed. Custom filters / features can be easily written by the Integrator or OEM or in conjuction with our software engineers. The unique PRINTER SERIAL NUMBER IDENTIFIER will also be ideal for remote polling for hardware audits, warranty / servicing issues etc.

Easy Setup with or without Printer

STAR PIZZAS

Auto-Text Reversal™

All the TSP100's printer features are available from the printer properties page in Windows, including unique features such as Auto-Text Reversal™ for wall mounted or vertical operation. All settings can be stored on the PC and "mirrored" across other TSP100 printers with a simple export configuration feature or mass system installations. No hardware configurations is needed at all.