TSP100 Introduction

Setting new standards for POS printing technology, Star's best selling printer worldwide, the TSP100, is the first software-driven POS receipt printer to provide an immediate plug & play application. This allows retailers to tailor and continuously modify all aspects of receipting output to meet their individual needs.

Advanced features such as receipt re-design, electronic journal, print-on-demand, graphic dependent multi-copy receipting and automatic text reduction are also included as simple tick-box changes.

The unique TSP100 set-up utility reduces integration time to minutes as it can simply mirror individual printer settings to multiple units in different locations, if required. The printer does not have to be taken out of the box for pre-installation. This is all achieved outside of the core POS software, providing endless possibilities.

The advantages of the TSP100 stretch from the retailer, POS reseller to the system integrator.

TSP100 futurePRNT

NEW Ultra White versions to match today's mPOS mobile devices.

NEW

TSP143III WLAN

is the latest model from Star's renowned TSP100 Series used by retailers and restaurateurs across the globe, from major retailers and fast food restaurants, to your local corner shop and café.

The **TSP143III WLAN** offers simple, yet effective wireless communication, supporting 802.11b/g/n (2.4GHz) with an easy-to-use and ready to go WPS setup.

RETAIL
- Point-of-Sale
- Retail Couponing

HOSPITALITY
- Table Receipting
- Hotel Invoicing
- Kitchen Printing

DELIVERY LOGISTICS
– *and so much more.*

WiFi READY

Full specifications on page 35 or www.*futurePRNT*.com

TSP100 – Product Range

	TSP100 U / GT	TSP100 ECO	TSP143III LAN	TSP143III Wireless LAN	TSP143III BI Bluetooth
	ENERGY STAR		NEW	NEW	NEW
Model Summary	**TSP143U** – 125mm/sec. USB Autocutter model. Available in Charcoal Grey or Star White **TSP143GT** – 250mm/sec. USB Autocutter model. Available in High Gloss Piano Black & Star White	**TSP143ECO** – 150mm/sec. USB Autocutter model. Available in Black, Star White & *NEW* Ultra White	**TSP143III LAN** – 250mm/sec. Ethernet Autocutter model. Autocutter Life: 2 million cuts. Available in Black & *NEW* Ultra White	**TSP143III WLAN** – 250mm/sec. Wireless 802.11 b/g/n (2.4GHz) Autocutter model. Autocutter Life: 2 million cuts. Available in Black & *NEW* Ultra White	**TSP143III BI** – 250mm/sec. Bluetooth Autocutter model. Autocutter Life: 2 million cuts. Available in Black & *NEW* Ultra White
Key Features **Digital** Receipt Service	• Easy-Load "Drop-In & Print" paper loading • Unique *futurePRNT* software included with Mass Install Tool so you do not need to take the printer out of the box to install. All the settings are held on the PC!	• Easy-Load "Drop-In & Print" paper loading • Unique *futurePRNT* software included with Mass Install Tool so you do not need to take the printer out of the box to install. All the settings are held on the PC!!	• Unique Ethernet Print on Disconnection Feature • Easy-Load "Drop-In & Print" paper loading • Unique *futurePRNT* software included with Mass Install Tool so you do not need to take the printer out of the box to install. All the settings are held on the PC!	• WLAN cable-free interface • Unique Print on Disconnection Feature • Easy WPS set-up • "Drop-In & Print" paper loading • THIN paper capability (0.053 to 0.085mm) • Unique *futurePRNT* software with Print on Demand ECO feature	• iOS (Apple iPad) automatic recognition for AutoConnect after power on or out of range situation • Easy-Load "Drop-In & Print" paper loading • Unique *futurePRNT* software included with easy-to-use, "instant" coupon and voucher creation software tools (see page 10) • SDKs for integration at www.starmicronics.com/support
	NEW FREE-OF-CHARGE Digital Receipting using Star's AllReceipts App – see page 8 for details				
What's in the box	• USB Cable • Internal Power Supply with 1.8m Power Cord • Wall Mount Bracket • Vertical Mount Accessory • 58mm Paper Guide • Power Switch Cover • Installation CD and Value-Added Software	• USB Cable • Internal Power Supply with 1.8m Power Cord • Wall Mount Bracket • Vertical Mount Accessory • 58mm Paper Guide • Installation CD and Value-Added Software	• LAN Cable • Internal Power Supply with 1.8m Power Cord • Wall Mount Bracket • Vertical Mount Accessory • 58mm Paper Guide • Power Switch Cover • Installation CD and Value-Added Software	• Internal Power Supply with 1.8m Power Cord • Wall Mount Bracket • Vertical Mount Accessory • 58mm Paper Guide • Power Switch Cover • Set-up Instructions	• Internal Power Supply with 1.8m Power Cord • Wall Mount Bracket • Vertical Mount Accessory • 58mm Paper Guide • Power Switch Cover • Set-up Instructions
Optional extras	• Splash Proof Cover • Display Stand for vertical use	• Splash Proof Cover • Display Stand for vertical use	• Splash Proof Cover • Display Stand for vertical use • WiFi Power Pack	• Splash Proof Cover • Display Stand for vertical use	• Splash Proof Cover • Display Stand for vertical use

4 Year Warranty on all models within the TSP100 *futurePRNT* Series including print head and cutter (Europe and South Africa)

futurePRNT software

Star's *futurePRNT*™ free-of-charge, value-added software far exceeds installation tools normally provided, enabling users to install high volume, custom set-ups without even taking the printer out of its box.
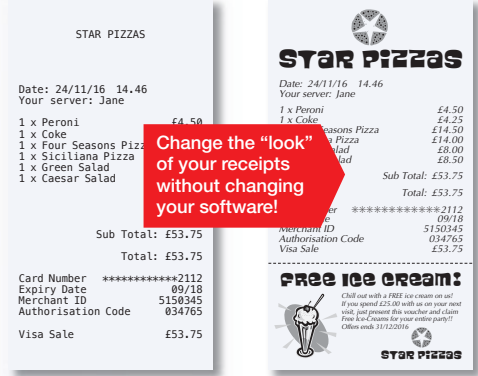
Pre-Installation Software

All settings are stored on the PC removing the need to pre-configure the printer itself. Time and maintenance savings are the key reasons why the TSP100 is the printer of choice, used by so many high profile retailers. Please ring Star for more details.

Star *futurePRNT* software is supplied in the box in 18 European languages from Croatian to Norwegian.

Create branded and motivating receipts to inspire customers with *futurePRNT*'s **Receipt Redesign Tools** including:

▶ **Image Import Tool** for any size mono or colour BMPs, JPEGs or GIFs

▶ **Receipt Pre-View Tool**

▶ **Receipt Cropping Tool**, **Font Replacement Tool**, **Coupon Marketing Tool** and **Text Trigger Tool** all work independently of current retail software allowing customers to pre-determine words to "trigger" coupons and graphics

▶ **Journal and Multi-Copy Tool** – provides up to four copies with individual text and graphics per copy – perfect for DIY stores, fast food outlets etc.

▶ **Auto-Text Reversal**™ **Tool** – for vertical / wall mount use

▶ **Dedicated *futurePRNT* SDKs** – Star's *futurePRNT* software is accompanied by a dedicated Software Developer Kit with a wide range of tools available, allowing the system designer to take advantage of the TSP100's software and hardware features

Change the "look" of your receipts without changing your software!

"Giving retailers and restaurateurs powerful and invaluable marketing tools at their disposal that work on top of their current POS software."

TSP100 options:

CB2002 Cash Drawer
ECO black, Ultra white or standard white version for TSP654II Series
Vertical Desk Stand
Splash Proof Cover

Windows · Android · iOS · Mac · Linux · OPOS · JavaPOS™ ESC/POS™

NEW	NEW	NEW
TSP100 U / GT	TSP100 ECO	TSP143III LAN	TSP143III Wireless LAN	TSP143IIIBI Bluetooth

NEW

View and store receipts / coupons on your customer's phones at no charge

Digital Receipt Service
STAR CLOUD SERVICES

The fast, secure and easy route to digital receipting

Star's **Digital Receipting Service** with **AllReceipts Customer App** – now included in the printer driver and **FREE** to retailers and customers with analytics and new coupon / full image notification tools – *see page 8 for more information.*

Just download the AllReceipts App or register at www.starcloudservices.com

ANDROID APP ON
Google Play

Download on the
App Store

4 Year Warranty on all models within the TSP100 *futurePRNT* Series including print head and cutter (Europe and South Africa)

TSP100**ECO** *futurePRNT*

Providing low cost printing with superior quality, the TSP100ECO offers unique paper saving features that could help retailers use up to 70% less paper. This not only reduces paper consumption but means less frequent paper roll changes at the checkout, lower transportation and logistics costs.

"TSP100ECO futurePRNT tools & features could reduce paper consumption by 70% or more."

Paper Saving Tools

▶ **Unique Partial Cut 3mm Default Top Margin**

▶ **Receipt Auto Reduction** – automatically reduce the length and width of receipts without changing the customer's original software set-up. With simple tick commands the TSP100ECO software can reduce the size of receipts by up to 72.5% horizontally and 50% vertically.

11mm

Greene & Brown's
THE ORGANIC PROVISIONS PEOPLE

Date: 24/11/16   20.26

1 x Marmalade	£3.00
1 x Fish Pie	£4.80
2 x Miso Soup	£3.50
1 x Veg Gyoza	£2.50

3mm default

Greene & Brown's
THE ORGANIC PROVISIONS PEOPLE

Date: 24/11/16   20.26

1 x Marmalade	£3.00
1 x Fish Pie	£4.80
2 x Miso Soup	£3.50
1 x Veg Gyoza	£2.50
1 x Cider	£3.50
1 x Organic Ale	£3.20
1 x Sourdough	£3.65

80mm / 80mm / 58mm receipts

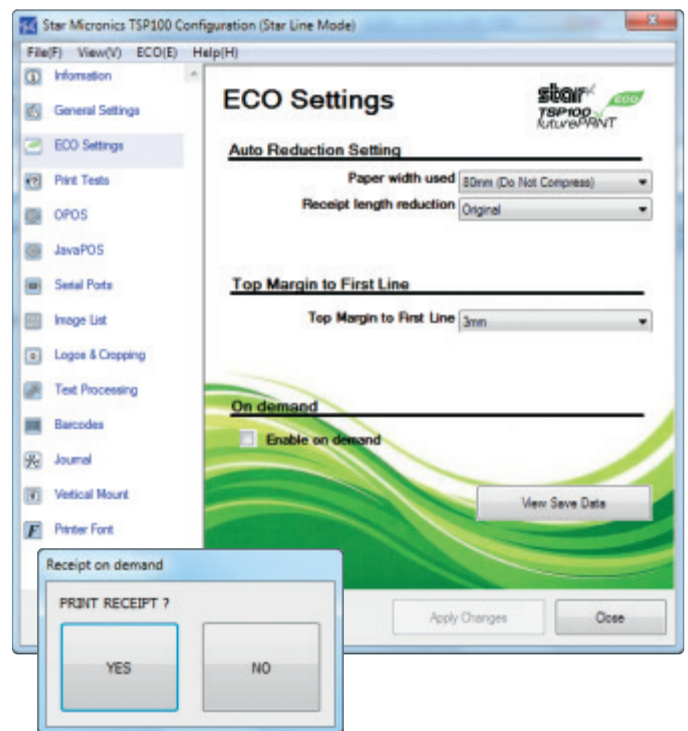**Reduce your receipts and paper usage** without changing your current POS Software.

Retailer Tip: Many competitors cannot achieve a 3mm Top Margin and may lose the retailer's logos when changing the paper. Retailers should always check the margins very carefully when comparing competitive POS printers.

TSP100ECO Power Management

Star has designed the TSP100ECO to correspond directly with the PC it has been attached to. The printer will only be activated when attaching the included USB cable to the printer and PC/terminal and the PC/terminal is powered, otherwise it will remain in standby mode.

Star's power efficient method means the printer will revert with the PC to a very low powered standby mode when not in use, "instantly" waking up when needed, saving costs and power usage.

▶ **Receipt Printing on Demand** – using its **Operator Prompt** function the TSP100ECO *futurePRNT* software prompts the retailer as to whether a receipt is required. The receipt can then either be cancelled or printed providing the perfect solution for low cost consumables where receipts are not essential. All cancelled receipts can be saved graphically and be reviewed or reprinted. *(Note: Not all countries will allow this feature so the software may be modified on a regional basis).* **Also available on TSP143III WLAN.**

Typical Retail Power Usage
18 Hour Day / 12 Hour Day Results
Typical Power Consumption Scenarios:
A. POS System-On Mode: **18 hour day – 26.8 kWh**
B. POS System-On Mode: **12 hour day – 19.11 kWh**
No competitor today can match this.
Just ask Star for comparative details.

(Estimated power consumption based on evaluation results by Star Japan R&D, using Hioki 3332 POWER HiTESTER for 300 x 150mm receipts per day, 365 days a year for 5 years.)

Full specifications on page 35 or www.*futurePRNT*.com

4 Year Warranty on all models within the TSP100 *futurePRNT* Series including print head and cutter (Europe and South Africa)