# TSP800II
## High-Speed, Graphics, Report & Receipt Printer

**This revolutionary wide-format POS printer provides a solution to a number of applications where no POS printer was able to before.**

From compact web printing to mobile transportation printing as well as producing wide, high-quality POS receipts with professional and crisp graphics, the TSP800II is the solution! The TSP800II is the only printer on the market that provides printing on 3" to 4.4" wide paper at an amazing speed. This wide format solution is the perfect printer for applications that need to print a large amount of information on a receipt without compromising on print speed or precious counter space. The TSP800II is a fraction of the size of a bulky desktop printer and its only consumable is thermal paper.

Furthermore, Star Micronics developed a special Zoom Raster Driver, enabling users to scale the size of an A4 document down to receipt size paper. Print maps, web pages, invoices, and more! Boasting attractive features such as Bluetooth and WebPRNT connectivity, high print speed (180mm/s), swappable Serial, Parallel, USB, and Ethernet interfaces, the flexibility to be used in vertical operation

mode and support for mobile applications all make the TSP800II the perfect wide format solution for applications like Law Enforcement, Healthcare, Banking, Retail, Labeling and many more.

Apple MFi Certified, Star's TSP800II BTi receipt printer is approved for use with iPod Touch®, iPhone® and iPad®. With operating system support for iOS, Android, and Windows, the TSP800II BTi printer can additionally print receipts or data from a web browser-based application running on a mobile device wirelessly by configuring Star's WebPRNT Browser App. Once configured, simply pair your mobile device to the TSP800II BTi, and print from WebPRNT Browser.

Also available with WebPRNT Ethernet connectivity, Star's TSP800II WebPRNT allows the retailer or hospitality provider to print high-quality POS receipts with professional and crisp graphics from web-based applications. WebPRNT eliminates the need to install drivers or download software. WebPRNT enables device-agnostic receipt printing via supported HTTP requests used in web-based applications.

- **Wide Paper Format (4.4in)**
- **High Speed 37RPM (180mm/s)**
- **Prints Receipts, Labels, Tickets, Forms, Barcodes and Graphics**
- **Compact Footprint**
- **Save Paper by Printing A4 Sized Documents on Receipt Paper**
- **Swappable Interfaces for Easy Future Upgrades**
- **Available with Bluetooth, WebPRNT connectivity and WebPRNT Browser**

Made for
iPod  iPhone  iPad

**Compatible with all Operating Systems supporting Bluetooth SPP**

www.starmicronics.com

## TSP800II Specifications

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| **Features** | **Hardware**<br>Ultra Fast 37RPM (180mm/s)<br>Wide Area Printing (112mm)<br>"Drop-In & Print" Clamshell Design<br>Small Footprint<br>Receipt, Ticket & Label Paper Available<br>(Up to 0.15mm thick)<br>Jam Proof, Patented Cutter with Full or Partial Cut<br>Swappable Communication Interfaces<br>Rear Feed Slot Available for Large Paper Roll<br>Horizontal or Vertical Use<br>Bluetooth Devices supporting iOS, Android and Windows<br>WebPRNT Communication Javascript Based<br>WebPRNT Browser Bluetooth Based | **Software**<br>Zoom Raster Driver:<br>A4 to 4 Inch Receipt or 3" to 4 Inch Receipt<br>Logo Utility (Store Logos, Coupons, and Graphics)<br>Automatic Second Copy with Raster Driver<br>Memory Switch Configuration / Setup Utility<br>Ethernet / Wireless LAN Interface Setup Utility<br><br>StarIO SDK |
| **Connectivity**<br><br><br>**Note: Connections in bold are supported; grayed-out connection types may be supported by special request.** | **WebPRNT Ethernet (Javascript Emulation)**<br>**WebPRNT Browser (Bluetooth)**<br>**MFi Certified Bluetooth supports iOS, Android and Windows**<br>**9-Pin Serial**<br>**25-Pin Serial**<br>**Parallel**<br>**USB**<br>Powered USB<br>**Ethernet**<br>Dual 9-Pin Serial/USB | Virtual Serial Port to USB<br>Virtual Serial Port to Ethernet<br>Virtual TCP/IP Port |
| **Drivers** | **Windows® XP**<br>**Vista (32 bit / 64 bit)**<br>**Windows 8.1 (32 bit)**<br>**Server 2008 (32 bit / 64 bit)**<br>**CE**<br>**XP Embedded**<br>**POS for .NET**<br>**Scalable Raster Driver (A4 to 4 in Receipt Format)** | **OPOS™**<br>**JavaPOS™**<br>**USB Vendor Class**<br>**Linux™ CUPS**<br>**Mac OS X CUPS** |
| **What's Included** | TSP847 Receipt Printer with Auto Cutter and Tear Bar<br>Start Up Paper Roll<br>User Manual<br>Ferrite Core (Parallel, USB, Ethernet Models) | |
| **Optional Accessories** | External Power Supply (PS60A)<br>Automotive 24V Power Supply<br>Wall Mount Kit (WB-T800)<br>Vertical Stand Kit (VS-T800)<br>Paper Guide for 80mm Paper Width (DIVIDER TSP800II)<br>Ticket Alarm Buzzer (BU01-24-A) | PDF417 Barcode Printing<br>Available in White or Gray Color Housing<br>Locking Version Available (TSP800Rx) |
| **Technical Specifications** | Print Method : Direct Thermal<br>Print Speed : 37RPM (180mm/s)<br>Paper Width : 112mm / 82.5mm/80mm<br>Paper Thickness : 0.06 - 0.15mm<br>Paper Diameter : Max 100mm<br>Emulation: Star Line Mode, Star Page Mode, ESC/POS™ | Power: 24VDC<br>Resolution: 203 dpi<br>MCBF: 37 Million Lines<br>Cutter: 2 Million Cuts<br>Dimensions: W=180mm, H=148mm, D=213mm |
| **Warranty** | For US and Canada: 3-Year Limited Warranty, Plus Optional Extended Services Agreement Policies (Extend-A-Star and Swap-A-Star) | |
| **For Further Information** | Sales: 1-800-782-7636 x107<br>Technical Support: 1-800-782-7636 x105 | Web: http://www.starmicronics.com |

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star

www.starmicronics.com

**NEW**

# star HI X Connect Series

Intelligent printing for modern Cloud retail, logistics and hospitality printing

**Cloud ready for hospitality, retail and logistics!**

star cloudPRNT

**WiFi READY**

**PERIPHERAL READY**

**LAN** | **Dual PORT** | **USB**

**AllReceipts™** Digital Receipting

star webPRNT

## HI X Connect Interface for Star TSP654II, TSP743II, TSP847II & SP700

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*Introducing* **Star's NEW HI X Interface with CloudPRNT**
*and Star's free-of-charge Digital Receipting Service on board*

Star's new **HI X Interface** (IFBD-HI01X/HI02X) is now available with Cloud connectivity at every level including Star's new **CloudPRNT** technology allowing remote printing direct from your web server to any printers anywhere in the world. Star's traditional POS printer 300mm/second TSP654II receipt printer, SP700 matrix kitchen printer or the 80/112mm label, ticket and receipt printers TSP743II, TSP847II can be bought with, or upgraded, to take the new low cost HI X (IFBD-HI01X/HI02X for SP700) Interface option which is…

- **WiFi Ready** using a compatible, locally sourced USB WiFi dongle matching the customer's preference and budget. Approved dongles can be found at **www.star-emea.com/products/hixconnect**

- **Dual Interface** USB/LAN

- **CloudPRNT** internet connection through WiFi, LAN with remote document printing from your web server. Perfect for restaurant aggregation, warehousing etc.

- Star's previous **WebPRNT** LAN platform independent HTML/JavaScript printing from the Web included free-of-charge (previous HE07/8 versions needed a licence)

- **Peripheral Ready** no PC required peripheral use including scanners with 2 USB host ports

**ALL AVAILABLE USING…**

- **Star's 300mm/second, Superfast printer**
  or upgrade your **TSP654II** with traditional interface when you are ready to go to the Cloud.
  *No need to replace the printer – just replace the interface at half the cost (available NOW)*

- **Star's Receipt, Label and Ticket printers**
  **TSP743II** or **TSP847II** (using up to 0.15mm thick media) can all use the new exciting **HI X Interface** on 80/112mm wide tickets and labels

- **Star's Kitchen printer**
  **SP700 Matrix** (available end 2016)

*Be Future-Proofed* with Star's printers – with or without the **HI X Interface Connect** and be *RETAIL CLOUD READY!!*

star cloudPRNT

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www.Star-EMEA.com