

# SPECIFICATIONS

STAR TSP100 PRINTER SERIES	TSP143II U+	TSP143III U	TSP143III LAN	TSP143III BI	TSP143III W
Description	Entry level 80mm USB receipt printer with <i>futurePRNT</i> technology	80mm USB receipt printer with iOS Lightning data & charge and <i>futurePRNT</i> technology	80mm Ethernet receipt printer with <i>futurePRNT</i> technology	80mm Bluetooth receipt printer with <i>futurePRNT</i> technology	80mm WLAN receipt printer with <i>futurePRNT</i> technology
Print Speed	200mm/sec.	250mm/sec.	250mm/sec.	250mm/sec.	250mm/sec.
Resolution	203dpi	203dpi	203dpi	203dpi	203dpi
Autocutter	Partial cut (guillotine)	Partial cut (guillotine)	Partial cut (guillotine)	Partial cut (guillotine)	Partial cut (guillotine)
Media	Thermal paper rolls. Printer includes print flat technology (no paper curl)	Thermal paper rolls. Printer includes print flat technology (no paper curl)	Thermal paper rolls. Printer includes print flat technology (no paper curl)	Thermal paper rolls. Printer includes print flat technology (no paper curl)	Thermal paper rolls. Printer includes print flat technology (no paper curl)
Paper width	80mm standard (58mm with paper guide)	80mm standard (58mm with paper guide)	80mm standard (58mm with paper guide)	80mm standard (58mm with paper guide)	80mm standard (58mm with paper guide)
Paper Thickness	0.053- 0.085	0.053- 0.085	0.053- 0.085	0.053- 0.085	0.053- 0.085
Max. Paper Roll Diameter	83mm	83mm	83mm	83mm	83mm
Print Width	72mm (80mm paper), 50.8mm (58mm paper)	72mm(80mm paper), 50.8mm (58mm paper)	72mm(80mm paper), 50.8mm (58mm paper)	72mm(80mm paper), 50.8mm (58mm paper)	72mm(80mm paper), 50.8mm (58mm paper)
Sensors	Paper End, Cover Open	Paper End, Cover Open	Paper End, Cover Open	Paper End, Cover Open	Paper End, Cover Open
Interface	USB 2.0. Virtual serial port	USB 2.0 plus iOS Lightning port. Virtual serial port	Ethernet (10/100baseT, UTP) with LAN cable supplied. Virtual serial port.	Bluetooth (3.0), iOS (MFi), Virtual Serial Port	Wireless LAN TCP/IP, 802.11 bgn. WPS Connection with Ad Hoc Support. Virtual Serial Port
Power Supply	Internal Energy Star certified	Internal Energy Star certified	Internal Energy Star certified	Internal Energy Star certified	Internal Energy Star certified
Power Consumption	46W Printing 3.5W Standby	46W Printing 3.5W Standby	46W Printing 3.5W Standby	46W Printing 3.5W Standby	46W Printing 3.5W Standby
Installation	Horizontal, vertical, wall hanging	Horizontal, vertical, wall hanging	Horizontal, vertical, wall hanging	Horizontal, vertical, wall hanging	Horizontal, vertical, wall hanging
Reliability	60 million lines 2 million cuts	60 million lines 2 million cuts	60 million lines 2 million cuts	60 million lines 2 million cuts	60 million lines 2 million cuts
Dimensions (w x d x h mm) Weight	142 x 204 x 132mm 1.68kg	142 x 204 x 132mm 1.68kg	142 x 204 x 132mm 1.68kg	142 x 204 x 132mm 1.68kg	142 x 204 x 132mm 1.68kg
Included	Power cable, Interface cable, Wall mount kit, Power Switch Cover, 58mm paper guide, set-up guide, safety guide <i>futurePRNT</i> Software: Enhanced receipt design, paper saving features and set-up Tools	Power cable, Interface cable, Wall mount kit, Power Switch Cover, 58mm paper guide, set-up guide, safety guide <i>futurePRNT</i> Software: Enhanced receipt design, paper saving features and set-up Tools	Power cable, Interface cable, Wall mount kit, Power Switch Cover, 58mm paper guide, set-up guide, safety guide <i>futurePRNT</i> Software: Enhanced receipt design, paper saving features and set-up Tools	Power cable, Wall mount kit, Power Switch Cover, 58mm paper guide, set-up guide, safety guide <i>futurePRNT</i> Software: Enhanced receipt design, paper saving features and set-up Tools	Power cable, Wall mount kit, Power Switch Cover, 58mm paper guide, set-up guide, safety guide <i>futurePRNT</i> Software: Enhanced receipt design, paper saving features and set-up Tools
Options and Accessories	SPC-T100 Splash Proof Cover VS-T100 Vertical Stand BU-01 Buzzer Alarm	SPC-T100 Splash Proof Cover VS-T100 Vertical Stand BU-01 Buzzer Alarm	SPC-T100 Splash Proof Cover VS-T100 Vertical Stand BU-01 Buzzer Alarm	SPC-T100 Splash Proof Cover VS-T100 Vertical Stand BU-01 Buzzer Alarm	SPC-T100 Splash Proof Cover VS-T100 Vertical Stand BU-01 Buzzer Alarm

# TSP100 Series



**TSP100 thermal POS receipt printer series – setting new standards for POS printing technology.**

Star's best selling printer worldwide, the TSP100, is the first software-driven thermal 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.

# TSP100 Series

The TSP100 Series is renowned for setting new standards for both traditional and Tablet POS, due to its combination of market-leading features.

## Key applications

- Traditional or Tablet POS
- Retail Receipts, coupons
- Hospitality Receipts, kitchen orders



- Star's *futurePRNT* Software with cost-saving marketing and multi-install tools
- ALL setup accessories in the box: wall mount kit, 58mm paper guide, interface & power cable with plug & switch cover
- Free-of-charge Digital Receipting & online printer estate status tool
- 4 Year warranty including head & cutter
- Superior connectivity at entry-level pricing
- Internal power supply with cable
- Dark grey and ultra white models with matching cash drawers
- Thin paper capable (0.053mm)
- Internal power supply. Energy Star compliant

## TSP143IIIU+

### 200mm/sec. USB Receipt Printer

Combining Star quality and reliability at an affordable price, the TSP143IIIU+ USB printer offers fast thermal receipt printing, *futurePRNT* technology and all the features you need for traditional, fixed POS for retail and hospitality.

## TSP143IIIU

### 250mm/sec. USB Receipt Printer

A fast traditional USB printer with unique *futurePRNT* setup, marketing and paper saving software (receipt reduction and on demand receipt popup) as well as being the first POS printer to print from, and charge, an iPad or iPhone directly from USB via the device Lightning to USB cable. Zero setup costs – literally plug-in & print with only 1 mains cable needed.

## TSP143III LAN

### 250mm/sec. LAN/Ethernet Receipt Printer

A fast graphical LAN/Ethernet printer (10/100baseT with virtual serial port) with unique Print-on-Disconnect customer warning feature. Also includes Star's unique *futurePRNT* setup marketing and paper saving software (which works above the customer's core POS setup) including receipt length and width reduction and operator print receipt prompt.

## TSP143III WLAN

### 250mm/sec. Wireless LAN Receipt Printer

Star's wireless LAN receipt printer with an internal power supply is perfect for cable-free environments and can be easily set up using WPS or Access point mode. The unique Print-on-Disconnect customer warning feature is useful for identifying infrastructure network issues on the customer's premises.



## TSP143IIIBI Bluetooth

### 250mm/sec. Bluetooth Receipt Printer

The TSP143IIIBI Bluetooth printer is fast, compact and easy to set up with iOS, Android or Windows tablets. MFi certification and AutoConnect feature (after power-on or out of range situation) for seamless connection to iOS devices. Star's WebPRNT Browser can be installed for direct printing from the web.

# TSP100 *futurePRNT* Software

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

## Pre-Install Tool saving Time & Money

All settings are stored on the PC removing the need to pre-configure the printer itself. The unique TSP100 setup utility reduces installation 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.

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

## Receipt Redesign Tools

- Image Import Tool** for any size mono or colour BMPs, JPEGs or GIFs
- Receipt Pre-View Tool**
- Coupon Marketing Tool & Text Trigger Tool** – allow customers to add or use pre-determined words to “trigger” coupons and graphics without affecting current software.
- 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

## Receipt Redesign Tools for all TSP100 models



## Paper Saving Tools

- Automatic Receipt Reduction**
- Receipt Printing on Demand** using the **Operator Prompt** – Star's TSP100 Series will do this for you without changing your core POS software



## iOS Lightning cable port



Star's unique **iOS Lightning cable port for iPad, iPhone and iPod communication** provides device charging as well as direct cable data transfer between Apple iOS devices and the printer – in the same way a traditional USB printer talks to a terminal! This will simplify set-up as well as eliminate the need for pairing and passwords. Just check your software provider supports direct iOS communication with a Star printer or email [support@star-emea.com](mailto:support@star-emea.com)



## TSP100 options

- CB2002 Cash Drawer
- Vertical Desk Stand
- Splash-Proof Cover



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