SPECIFICATIONS

TSP100 Series

STAR TSP100 PRINTER SERIES	TSP143II U+	TSP143III U	TSP143III LAN	TSP143III BI	TSP143III W	TSP100IV
Description	Entry level 80mm USB receipt printer with *futurePRNT* technology	80mm USB receipt printer with iOS Lightning data & charge and *futurePRNT* technology	80mm Ethernet receipt printer with *futurePRNT* technology	80mm Bluetooth receipt printer with *futurePRNT* technology	80mm WLAN receipt printer with *futurePRNT* technology	80mm receipt printer with USB-A (Android Data & Charge), USB-C, LAN, CloudPRNT, Optional WLAN
Print Speed	200mm/sec.	250mm/sec.	250mm/sec.	250mm/sec.	250mm/sec.	250mm/sec
Resolution	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi
Autocutter	Partial cut (guillotine)	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	Thermal paper rolls	Thermal paper rolls	Thermal paper rolls	Thermal paper rolls
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)	80mm standard (58mm with paper guide)
Paper Thickness	0.053 – 0.085mm	0.053 – 0.085mm	0.053 – 0.085mm	0.053 – 0.085mm	0.053 – 0.085mm	0.049 – 0.085mm
Max. Paper Roll Diameter	83mm	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)	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	Paper End, Cover Open
Connectivity	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	USB-A (with Android AOA Data & Charge), USB-C, Ethernet LAN, Star CloudPRNT, Optional WLAN
Power Supply	Internal Energy Star certified	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	43W 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	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	60 million lines 2 million cuts
Dimensions (w x d x h) 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	140 x 169 x 123mm 1.3kg
Included	• Power cable • Interface cable • Wall mount kit • Power Switch Cover • 58mm paper guide	• Power cable • Interface cable • Wall mount kit • Power Switch Cover • 58mm paper guide	• Power cable • Interface cable • Wall mount kit • Power Switch Cover • 58mm paper guide	• Power cable • Wall mount kit • Power Switch Cover • 58mm paper guide	• Power cable • Wall mount kit • Power Switch Cover • 58mm paper guide	• Power cable, • Interface cable, • 58mm paper guide
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	• MCW10 Wireless LAN Adapter (please check regions with Star) • BU-01 Buzzer Alarm • mC-Sound Buzzer Alarm

UK 2/2022

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

Star's best selling printer range worldwide, the TSP100, combines high print quality and simple set-up with the very latest POS printing technology for PC, Tablet and Cloud based systems.

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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

- Economical thermal receipt printer range with unique software features
- ALL setup accessories in the box: wall mount kit, 58mm paper guide, interface & power cable with plug & switch cover
- Access to Star Cloud Services
- 4 Year warranty including head & cutter
- Internal power supply with cable
- Dark grey and ultra white models with matching cash drawers
- Thin paper capable (0.053mm)
- Energy Star compliant

TSP143IIU+ 🔌

200mm/sec. USB Receipt Printer

Combining Star quality and reliability at an affordable price, the TSP143IIU+ 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.
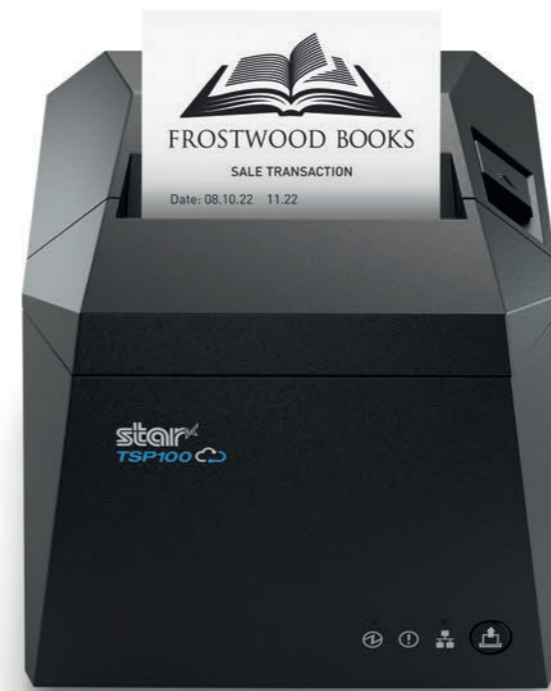
futurePRNT Software

Star's *futurePRNT* free-of-charge, value-added software available on TSP100IIU+ and TSP100III models includes unique set-up and marketing tools for simply adding logos and coupons to receipts.

The simple set-up utility reduces installation time to minutes as it can simply mirror individual printer settings to multiple units in different locations, if required.

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

TSP100IV

The new TSP100IV from Star brings a unique new design for a truly revolutionary product. The quality and reliability of the popular TSP100 series has been fused with enhanced connectivity and specialist printing features for the very latest in point of sale and omni-channel commerce. For the ever-changing retail environment, the TSP100IV has every angle covered!

Key applications

- ✗ **Hospitality**
  Receipts, kitchen orders
- ✗ **Retail**
  Receipts, coupons
- ✗ **mPOS & Tablet POS**
  Android Open Accessory (AOA)
- ✗ **Online Ordering and E-Commerce**
  Star CloudPRNT technology

MCW10 Wireless LAN Module

Design
- Designed for modern Point of Sale
- Super compact. 20% smaller than TSP100III saving valuable retail and restaurant counter space
- Internal Power Supply
- Operates either horizontally or vertically or with integral wall mount

Enhanced Connectivity
- Dual Interface USB and Ethernet LAN
- USB-C port for Windows, Linux and MacOS devices
- USB-A charging for both USB-C and MicroUSB based Android devices with Android Open Accessory (AOA) support for direct communication and charging with compatible Android devices
- Wireless LAN connectivity with optional MCW10 Wireless LAN unit (contact Star for regions)
- Star CloudPRNT technology for printing directly from online ordering platforms and web sites
- StarPrinter.online and new SMCS (Star Micronics Cloud Services) support

Simple Operation
- New intuitive Star Quick Setup Utility means printer set-up is incredibly simple
- Everything included at purchase: Power cable, interface cables and paper guide
- 4 year warranty as standard

TSP100IV Multi-Connectivity Interfaces

Android Open Accessory (AOA)

Android Open Accessory (AOA) support allows Android USB accessories to interact with Android-powered devices in accessory mode. This enables direct data and charging for supported Android devices as well as connected peripherals if using the printer hub. No pairing is needed, simply plug and play!

POWER

DATA

Star CloudPRNT

Star's unique **CloudPRNT** technology built in to the TSP100IV allows direct printing from online ordering platforms and web sites to connected Star printers anywhere in the world. Ideal for printing retail click and collect orders or restaurant food orders direct to the kitchen without the need for a local tablet or POS system.