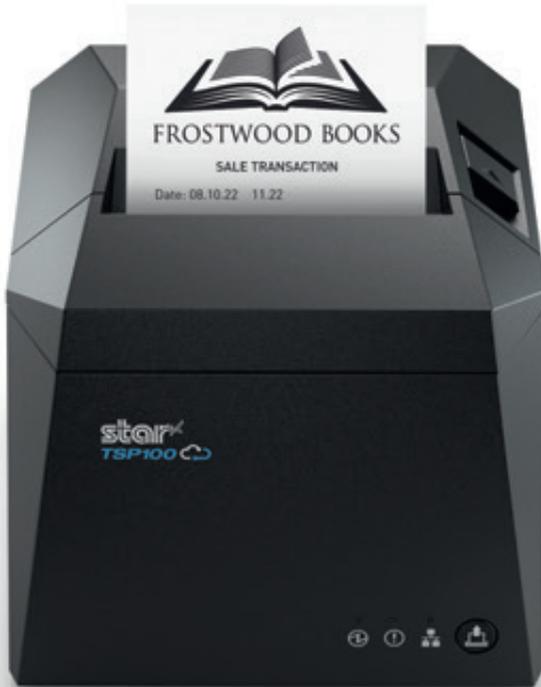


# TSP100IV



## 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

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!

## 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 wall mounted

## Enhanced Connectivity

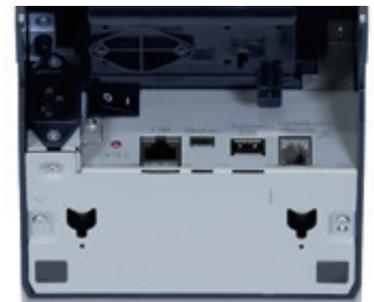
- Dual Interface USB and Ethernet LAN
- USB-C port for Windows, Linux and MacOS devices
- USB-A charging for both USB-C and MicroUSB based Android devices with Android Open Accessory (AOA) support for

direct communication and charging with compatible Android devices

- Wireless LAN connectivity with Star MCW10 Wireless LAN unit
- 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

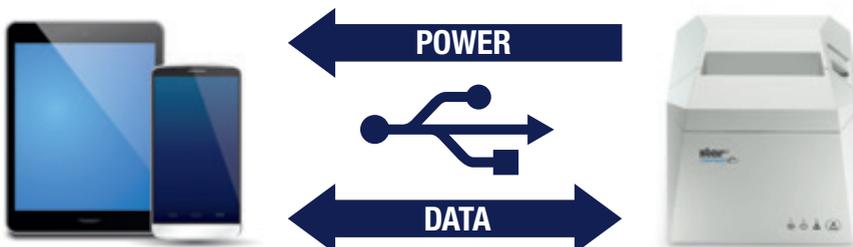
## Star CloudPRNT

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.



## 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!



# Thermal Printers

STAR PRINTER SERIES	mC-Print2 Series	mC-Print3 Series	TSP100III+ Series	TSP100III Series	TSP100IV Series	TSP650II Series	TSP700II Series	TSP800II Series	mPOP
									
	Pages 4-5	Pages 4-5	Page 8	Pages 8-9	Page 9	Pages 10-11	Page 14	Page 15	Page 6-7
Description	58mm receipt printer with multiple interfaces, Star CloudPRNT and Peripheral Hub	80mm front operating receipt printer with multiple interfaces, Star CloudPRNT and Peripheral Hub	80mm entry level USB receipt printer	80mm receipt printer with fixed interface options	80mm dual USB / LAN receipt printer with AOA Android support and Star CloudPRNT	80mm receipt printer with plug-in interface options	80mm receipt, label, ticket and kiosk printer	112mm receipt, label, ticket and kiosk printer	Combined 58mm receipt printer and cash drawer
Application	Receipts	Receipts, Kiosk	Receipts	Receipts	Receipts	Receipts, Labels (TSP654SK)	Receipts, Labels, Tickets, Kiosk	Receipts, Labels, Tickets, Kiosk	Receipts
Max. Print Speed	100mm/sec.	250mm/sec.	200mm/sec.	250mm/sec.	250mm/sec.	300mm/sec.	250mm/sec.	180mm/sec.	100mm/sec.
Resolution	203 dpi	203 dpi	203 dpi	203 dpi	203dpi	203 dpi	203 dpi, 406 x 203 dpi selectable	203 dpi, 406 x 203 dpi selectable	203 dpi
No. of Columns	48 col.	64 col.	48/64 col. depending on paper width	48/64 col. depending on paper width	48/64 col. depending on paper width	48/64 col. depending on paper width	48/64, 53/71 col	Max. 104 col.	48 col.
Autocutter	Full or partial cut (guillotine)	Partial cut (guillotine)	Partial cut (guillotine)	Partial cut (guillotine)	Partial cut (guillotine)	Partial cut (guillotine)	Full or partial cut (guillotine)	Full or partial cut (guillotine)	Full or partial cut (guillotine)
Paper Width	58mm	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, 82.5, 58mm	112mm	58mm
Paper Thickness	0.053 – 0.075mm	0.053 – 0.075mm	0.053 – 0.085mm	0.053 – 0.085mm	0.053 – 0.085mm	0.053 – 0.085mm	0.065 – 0.15mm	0.065 – 0.15mm	0.053 – 0.075mm
Max. Paper Roll Diameter	54mm	83mm	83mm	83mm	83mm	83mm	100mm or External Paper Feed	100mm or External Paper Feed	50mm
Media Presentation	Front Receipt Exit, Top Paper Loading	Front Receipt Exit, Front Paper Loading	User Selectable Paper Delivery options with Mounting Bracket included	User Selectable Paper Delivery options with Mounting Bracket included	User Selectable Paper Delivery Options. Wall mounting inclusive	User Selectable Paper Delivery options with Mounting Bracket included	User Selectable Paper Delivery Options with Mounting Bracket included & optional Paper Exit Guide	User Selectable Paper Delivery Options	Front Receipt Exit, Front Paper Loading
Print Width	54mm / 50.8mm / 48mm default	50.8mm / 72mm default	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)	Max. 80mm	Max. 104mm	54 or 48mm
Sensors	Paper End, Cover Open	Paper End, Paper Near End (mCP31L/LB, mCP31C/CB), Cover Open	Paper End, Cover Open	Paper End, Cover Open	Paper End, Cover Open	Paper End, Paper Near End (horizontal & vertical), Cover Open	Black Mark, Paper End, Paper Near End (horizontal & vertical), Cover Open	Black Mark, Paper End, Paper Near End (horizontal & vertical), Cover Open	Paper End, Cover Open
Connectivity	mCP20: USB, LAN, Cloud mCP21LB: USB, LAN, Cloud, iOS USB with SteadyLAN, Bluetooth, Wireless LAN with MCW10 option, 2 x USB Host Ports (on hub models)	mCP30: USB, LAN, Cloud mCP31L: USB, LAN, Cloud, iOS USB with SteadyLAN, Wireless LAN with MCW10 option, 2 x USB Host Ports (on hub models) mCP31LB: as above with Bluetooth mCP31C: LAN, Cloud, USB-C with SteadyLAN, Wireless LAN with MCW10 option, 2 x USB Host Ports (on hub models) mCP31CB: as above with Bluetooth	USB	TSP143IIIU: USB with iOS Data & Charge TSP143III: Ethernet TSP143IIIB: Bluetooth TSP143IIIW: WLAN	USB-C, LAN, USB-A with AOA Android Data & Charge, Star CloudPRNT Wireless LAN with MCW10 option	Plug-in Serial (HD03), 9-Pin Serial (HN03), Parallel (HC03), USB (HU07), Ethernet (HE07), HI X Connect with CloudPRNT (HI01X) Separate Bluetooth and AirPrint models	Plug-in Serial (HD03), 9-Pin Serial (HN03), Parallel (HC03), USB (HU07), Ethernet (HE07), HI X Connect with CloudPRNT (HI01X)	Plug-in Serial (HD03), 9-Pin Serial (HN03), Parallel (HC03), USB (HU07), Ethernet (HE07), HI X Connect with CloudPRNT (HI01X) Separate AirPrint model	Contact Star for connectivity options
Power Supply	External PS60C included	External PS60C included	Internal with power cable included	Internal with power cable included	Internal with power cable included	External option PS60	External option PS60	External option PS60	Internal with power cable included
Power Consumption	19.2W Printing 1.44W Standby	45.6W Printing 1.68W Standby	45W Printing 3.4W Standby	46W Printing 3.5W Standby	46W Printing 3.5W Standby	45.6W Printing 3.6W Standby	43.2W Printing 3.6W Standby	48W Printing 2.88W Standby	32.34W Printing 25.77W Standby
Energy Star Certified	Yes	Yes	Yes	Yes	Yes	Yes	Yes	–	Yes
Reliability	60 million lines 1 million cuts	60 million lines 2million 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	37 million lines 2 million cuts	18 million lines 300,000 cuts
Dimensions (w x d x h) mm Weight	96 x 113 x 100 0.8kg	132 x 140 x 125 1.3kg	142 x 204 x 132 1.68kg	142 x 204 x 132 1.68kg	140 x 169 x 123	104 x 203.5 x 132 1.60kg	147 x 312 x 148 1.75kg	180 x 213 x 148 1.9kg	308 x 300 x 100 3.3kg
Options and Accessories	In box: • PS60 Power Supply Options: • mC-Print Cable Tidy • mC-Sound Buzzer Alarm • SCD222 Display • Star 1D Scanner • MCW10 Wireless LAN module	In box: • PS60 Power Supply • 58mm Paper Guide Options: • Wall mount kit • mC-Sound Buzzer Alarm • SCD222 Display • Star 1D Scanner • MCW10 Wireless LAN module	In box: • Power Cable • Interface Cable • Wall Mount • Power Switch Cover • Paper Roll • 58mm Paper Guide Options: • T100 Splash Proof Cover • VS T100 Vertical Stand • Buzzer Alarm	In box: • Power Cable • Interface Cable • Wall Mount • Power Switch Cover • Paper Roll • 58mm Paper Guide Options: • T100 Splash Proof Cover • VS T100 Vertical Stand • Buzzer Alarm	In box: • Power Cable • Interface Cable • 58mm Paper Guide Options: • Buzzer Alarm • MCW10 Wireless LAN module	In box: • PS60 Power Supply (check with reseller) • Wall Mount • Power Switch Cover • 58mm Paper Guide Options: • PS60 Power Supply • T650 Splash Proof Cover • VS T650 Vertical Stand • Buzzer Alarm • Plug-in Interfaces	In box: • Wall Mount • Power Switch Cover • 58mm Paper Guide • Cable Cover Options: • PS60 Power Supply • WB-T800 Wall Mount • T700 Splash Proof Cover • VS-T800 Desk Boot • Buzzer Alarm • Plug-in interfaces	In box: • Power Switch Cover Options: • PS60 Power Supply • WB-T800 Wall Mount • VS-T800 Desk Boot • Buzzer Alarm • 80mm Paper Guide • Plug-in interfaces	In box: • Power Cable • Counter Clip • Paper Roll • Plastic Tablet Stand Options: • Star 1D Scanner • SCD222 Display • POPPack Tablet Stand • VESA Mount • Under Counter Mount Kit