



POS Printing Solutions



mPOS • RETAIL • RECEIPTS • HOSPITALITY • LABELS • KIOSK • TICKETS

The **Ultimate** Collection

Once again Star has shown it doesn't follow the market – it leads, with the introduction of UNIQUE & MARKET CHANGING products...

Star introduces World's 1st AirPrint™ Receipt and Ticket printer demonstrating Star as the No. 1 innovator for Apple device POS business.

Star is renowned for providing customers with a choice at all levels and the introduction of the new **TSP654II AirPrint™** and **TSP143IIIUSB** 'lightning' printer fully demonstrates this for Apple Tablet users and developers. AirPrint is an Apple technology providing easy mobile printing solutions for Apple iPad, iPhone, iPod and MacBook users on any private network. Up to now, AirPrint has been purely the domain of the wider output Inkjet and Laser printers for business and personal use, but now Apple has confirmed its No. 1 place in the POS retail and hospitality markets and certified the first receipt and ticket printer from Star.

Tablet POS, as it is now known, features a number of key advantages over the traditional POS terminal:

- ▶ **Lower cost, solid-state** (more reliable – no moving parts) devices that can be mobile or fixed in place and which are easily replaceable and scalable as the business grows
- ▶ **Cloud connected software** which tends to be more flexible, lower cost and progressively changeable/scalable according to market developments and the individual business needs

Star's TSP654II perfectly fits the bill to be the first certified Apple AirPrint POS printer with its fast 300 mm per second print speed, high quality 203 dpi print, compact footprint and aesthetic design. It can be used in vertical or horizontal mode and includes a wall mount bracket in the box as standard.

The ergonomic design with splash proof cover option and easy 'Drop-In & Print' paper loading makes it perfect for Tablet POS in retail or hospitality. The printer is available with charcoal black or ultra white casing and will match the Star CB2002 ultra white and black cash drawer options.



Charging + Data Transfer between iPad & Printer via Lightning to USB Cable. WiFi/Bluetooth **NOT** required.

TSP143IIIU is another world first A fast traditional USB printer as well as the first POS printer to print and charge an iPad or iPhone directly via the device lightning to USB cable. Zero setup costs – literally plug-in & print with only one mains cable needed.

Star's Development Tools for software house printer integration are well documented, saving time and money and once again providing innovative solutions. The latest includes PassPRNT, a sophisticated

print data relaying application available for Android and iOS software developers. PassPRNT effectively receives data from an application such as Filemaker Go or any web browser including Safari/Chrome using a URL scheme to then print on a Star Bluetooth, LAN/WLAN or USB printer with PDF print and Black Mark support. All development tools can be found at www.starmicronics.com/support (see pages 34/35 for more information)

NEW  **Digital Receipt Service**

★ **PromoPRNT Tool coming!**

 **STAR CLOUD SERVICES**

Star's Digital Receipting Service from Star Cloud Services with the customer AllReceipts App works without integration on Windows 7, 8 & 10 for Star's TSP100, 650, 743II, 847II, FVP10 counter top and mobile printers or by using the new **HI X Connect interface** (for TSP654II, 743II, 847II) with the Digital Receipting Service automatically integrated for any platform. iOS and Android applications can use Star Cloud Services SDKs available from www.starmicronics.com/support

(see page 32 or contact Star for more details)

What's New

NEW Tablet POS – Connectivity at all levels	Summary of interfaces available for world's largest range of 80/112mm desktop & mobile label, receipt & ticket printers	4-5
NEW TSP654II AirPrint™	300mm/sec. wireless Apple iPad, iPhone, iPod & MacBook AirPrint enabled printer	14-15
NEW TSP143III USB	250mm/sec. traditional USB printer with unique Apple iOS lightning cable direct connection with charging functionality	12-13
NEW SM-L300	Unique Classic & Bluetooth 4 BLE mobile receipt & traditional/MaxStick label printer	23
NEW CloudPRNT	Hi X interface with independent LAN & remote printing + dual LAN/USB interface + WiFi ready for 3rd party dongle	33
NEW mPOP	Latest developments include 2D scanner option, SCD222 display, iPad Pro charging cable & 2nd cash drawer support	10-11
UNIQUE Star Developer Tools	Details of Star's Tablet POS & traditional POS Integration & unique development tools	35

Star Solution Summary

Desktop Receipt printers	7	Tablet POS Receipt, Label & Ticket printers	4-5
Mobile Receipt & Label printers	9	Lottery Solutions	24-25
Desktop Label & 0.15mm/150gsm Ticket Solutions	16	Dot Matrix Kitchen & Receipt printers	6
Kiosk Receipt, Label & Ticket printers	8, 28-31	Star Developer Tools	35
Star Cloud Services Digital Receipting	32	Star Support & Integration	34

Direct Thermal Receipt, Label & Ticket **DESKTOP** printers

NEW mPOP	Combined cash drawer & 58mm printer with Bluetooth connectivity designed specifically for the mobile mPOS market	10-11
TSP143IIU ECO	150mm/sec. dedicated ECO Printer with ECO Power & Paper Saving and Marketing Tools including couponing	12-13
NEW TSP143III Series	250mm/sec. 80mm receipt printers with ECO features & internal power supply – NEW Wireless LAN & Bluetooth versions	12-13
NEW TSP654II Series	300mm/sec., 80mm receipt printers with NEW TSP654II AirPrint™ & TSP654II HI X dual interface & CloudPRNT versions	14-15
TSP743II & TSP847II	Multi-functional 80mm & 112mm wide receipt, label & ticket printers – NEW Bluetooth & CloudPRNT versions	18-19
FVP10 Series	Front operating, under counter, multi-functional 80mm wide receipt, label & ticket printers – NEW Bluetooth & CloudPRNT versions	17
TSP1000 Lottery	Versatile low cost 80mm thermal printer with receipt/30 x ticket stacker & 18cm paper roll capacity	24
TSP-L10 Lottery	High performance 80mm printer with scanner for secure transactions including coupon, lottery & ticketing & 20cm paper roll capacity	25

Direct Thermal Receipt, Label & Ticket **MOBILE** printers

NEW SM-L200	Classic Bluetooth/BLE 4.0 – Low cost, 2" (58mm) mobile receipt & label printer with simple, no pin required connection with Bluetooth 4 devices including Apple iOS, Android, Linux & Windows with Desktop, Drop-in Cradle Charger	21-23
NEW SM-L300	Classic Bluetooth/BLE 4.0 – 3" (80mm) mobile receipt & traditional / MAXStick re-position label printer with desktop, drop-in print & charge cradle option	21-23
NEW SM-S230i	Bluetooth – Super compact 2" (58mm) mobile receipt printer with OS auto-detect pairing. Apple iOS (MFi certified), Android, Linux & Windows	21-23
SM-S220i	Bluetooth – Counter top mobile 2" (58mm), Apple iOS (MFi certified)/Android/Windows mobile receipt printer	21-23
SM-T300i & SM-T400i	Bluetooth – 3" (80mm) & 4" (112mm), rugged, IP54 splash proof, Apple iOS (MFi certified)/Android/Windows printers	21-23
SM-T300DW	WiFi – 3" (80mm) rugged, IP54 dust & splash proof mobile receipt printer	21-23

Cash Drawers, Scanner & Customer Display

CB-2002	Cash drawers available in charcoal grey, TSP143ECO black, Star white and the NEW Ultra white to match mPOS devices	20
DK-AirCash	Unique accessory to "remotely" mobilise any RJ12 traditional cash drawer – LAN & Bluetooth / LAN versions available	20
NEW mPOP	Combined 6 or 8 coin holder/4 note cash drawer & 58mm printer with Bluetooth connectivity and option to add second cash drawer with SCD222 customer display & POPPack 10" Universal Tablet Stand Holder & Plate Options available	10-11
DS9208	2D Hands free/handheld USB presentation imager/scanner for purchase only with Star mPOP	10-11
SCD122	ESC/POS™ compatible USB customer display with stand alone, telescopic pole	20
SCD222	For mPOP use only USB 20 line, compact customer display	10-11

Dot Matrix Kitchen & Receipt Printers

SP298 Slip Series	Fast 3.1 lps, reliable, cost-effective 9-pin matrix impact slip printers	26
HSP7000 Hybrid Series	HIGH SPEED, 203 dpi direct thermal/9-pin matrix hybrid combination receipt/cheque printer	26
SP712 & SP742 Series	Advanced, high speed red/black Clamshell™ receipt/kitchen printers – NEW Bluetooth & CloudPRNT versions	27
DP8340 Series	Versatile, wide (114mm), mobile, compact receipt/label printers (up to 2 lps)	27

Kiosk/Terminal Embedded Printers

Introduction 28-29

Sanei SK1-21/211/22/31/311/32/41	Range of compact, open frame printers with NEW Presenter/LED Bezel & 12 volt models	30
TUP500 & TUP900 Series	Modular, open frame 80mm & 112mm wide receipt, label & ticket printers with A4 Replacement version using Scalable Raster Driver to reduce traditional laser running costs by 90%	31

“The ultimate in POS solutions for the world’s leading retailers, hoteliers and restaurateurs.”



iOS  Windows

On the move...



Star’s 2” (58mm), 3” (80mm) and 4” (112mm) mobile printer range is available with Classic Bluetooth, Bluetooth 4.0 and WiFi interfaces (see pages 21-23) including the very latest **SM-L200** and **SM-L300** mobile printers – the only 58mm and 80mm wide Bluetooth 4.0/BLE products on the market able to connect to more than one iOS device at a time without the need for passwords etc.

 Bluetooth Classic /  **4.0** Bluetooth

Made for  iPod  iPhone  iPad

 GET IT ON Google Play

 Download on the App Store

Developers

All the information you need to see why Star is the leader in this market sector can be found on pages 34 & 35.

Tablet POS

Connectivity at all levels

Star believes it is your choice that is important and we have to provide the printer for the Tablet solution you want to use, according to your budgets and in-store/out-of-store needs.

Star is widely acknowledged as the leading hardware innovator in the move from the more expensive traditional POS terminals to Cloud connected Tablet POS featuring lower cost hardware that can be mobile or fixed and easily upgradable as the business grows.

Coupled with Cloud connected software that is flexible, low cost and progressively scalable according to market developments and individual business needs, Tablet POS is being increasingly chosen over traditional POS across retail and hospitality with Star printers, once again, producing the final receipt.



The printers detailed here will work with the Tablets listed – just check that your software is compatible – either contact Star (sales@star-emea.com) or your software provider.

Colour – it’s your choice! *Ultra White or Black Grey*

Today’s hardware has to match the tablet of your choice and Star’s huge range does just that.

The **Ultra White Range** is specifically designed to complement the latest Apple, Android & Windows Tablet style and make your POS transactions stand out...



...or choose the more traditional dark look



Choose your preferred make of Tablet...

Apple iOS Tablets

Probably the most popular choice of tablet to date for retail and hospitality for many reasons. Apple's stylish design and proprietary operating system has created an environment for a wide choice of Cloud connected POS solutions. Typical printer communication has been achieved via Bluetooth and Ethernet/LAN. However, Star's position as the leading innovator for Tablet POS has resulted in the introduction of 2 UNIQUE targeted iOS solutions; **TSP654II AirPrint™** and **TSP143III USB**, the only printer able to 'connect' and charge via the Apple lightning cable.

Star iOS printers for receipting

80mm wide TSP143III Bluetooth, TSP143III LAN, TSP143IIIUSB, TSP143IIIWLAN, TSP654II AirPrint™, TSP654II Bluetooth

58mm wide mPOP Combined Printer and Cash Drawer

Star iOS printers for 'heavy' paper ticketing & labels

80mm wide FVP10 Bluetooth, TSP743II Bluetooth

112mm wide TSP847II Bluetooth

Star iOS printers for 2 colour, dot matrix kitchen printing

80mm wide SP742 Bluetooth, SP742 LAN

Windows Tablets

A great choice for many as it is the fastest route to mobile from the current in-store operating system. Windows has been traditionally the most successful OS for in-store business to date and provides IT managers with existing infrastructure for remote management etc. Star provides a wide range of drivers for Windows including JavaPOS & OPOS support for your chosen POS application with easy install for Bluetooth, WiFi, Ethernet/LAN and USB use – just check your Windows tablet provides additional charging via USB.

Star Windows printers for receipting

80mm wide TSP143III Bluetooth, TSP143III LAN, TSP143IIIUSB, TSP143IIIWLAN, TSP654II Bluetooth

Star Windows printers for 'heavy' paper ticketing & labels

80mm wide FVP10 Bluetooth TSP743II Bluetooth

112mm wide TSP847II Bluetooth

Star Windows printers for 2 colour, dot matrix kitchen printing

80mm wide SP742 Bluetooth, SP742 LAN



Mobile Printer details can be found on pages 21-23

Android Tablets

Probably the lowest cost range of tablet solutions available, however not the most popular to date due to the many variations of Android installations with fewer Android developers creating retail and hospitality cloud based software solutions. Star Bluetooth, WiFi, Ethernet/LAN and USB printers are available – just check your Android tablet provides additional charging via USB.

Star Android printers for receipting

80mm wide TSP143III Bluetooth, TSP143III LAN, TSP143IIIUSB, TSP143IIIWLAN, TSP654II Bluetooth

Star Android printers for 'heavy' paper ticketing & labels

80mm wide FVP10 Bluetooth TSP743II Bluetooth

112mm wide TSP847II Bluetooth

Star Android printers for 2 colour, dot matrix kitchen printing

80mm wide SP742 Bluetooth, SP742 LAN

Star Tablet POS Solutions by interface

▶ Bluetooth solutions

mPOP	Combined 58mm printer and cash drawer
FVP10	250mm/sec., 80mm front operating, "heavy" paper printer
TSP143III BI	250mm/sec., 80mm receipt printer with internal power supply
TSP654II BI	300mm/sec., 80mm receipt printer with external power supply
TSP743II BI	250mm/sec., 80mm Tablet labelling and "heavy 0.15mm thick paper" ticketing
TSP847II BI	180mm/sec., 112mm Tablet labelling and "heavy 0.15mm thick paper" ticketing
SP742BI	8.9 lps, 1+2 copy red/black matrix kitchen printer

▶ UNIQUE USB solution

	for traditional and iOS tablet POS market
TSP143III U	250mm/sec., 80mm receipt printer with internal power supply

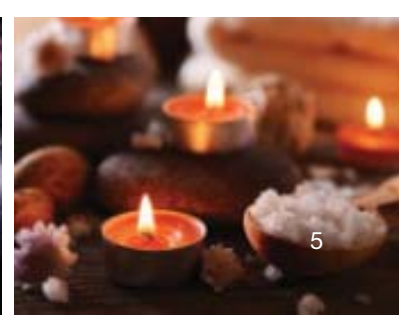
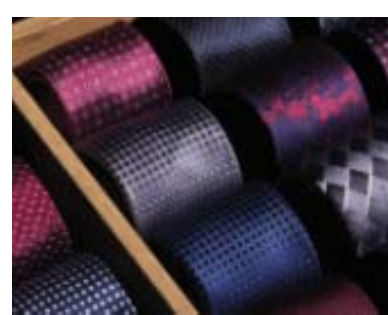
▶ Ethernet/LAN solutions

TSP143III LAN	250mm/sec., 80mm receipt printer with internal power supply
TSP654II E	300mm/sec., 80mm receipt printer with external power supply
TSP654II HI X	300mm/sec., 80mm WiFi-ready (use 3rd party dongle), receipt printer with LAN/USB & Cloud connectivity
SP742 E	8.9 lps, 1+2 copy, 80mm dot matrix, kitchen printer with internal PSU

▶ **CB2002 Cash Drawer with DK-AirCash** accessory for LAN and Bluetooth cash drawer opening

▶ WiFi solutions











TSP143III WLAN	250mm/sec., 80mm receipt printer with internal power supply
TSP654II HI X	300mm/sec., 80mm WiFi-ready (use 3rd party dongle), receipt printer with LAN/USB & Cloud connectivity
TSP743II HI X	250mm/sec., 80mm WiFi-ready (use 3rd party dongle), label & ticket printer with LAN/USB and Cloud connectivity
TSP847II HI X	180mm/sec., 112mm WiFi-ready (use 3rd party dongle), receipt printer with LAN/USB & Cloud connectivity



Bluetooth Desktop







Matrix










Hybrid

STAR PRINTER SERIES	NEW						SP298	SP700 Series	HSP7000
	TSP143IIIBI	TSP654IIIBI	FVP10BI	TSP743IIBI TSP847IIBI	mPOP	SP742BI			
See mPOP pages 10-11									
	Pages 12-13	Page 15	Page 17	Pages 18-19	Pages 10-11	Page 27	Page 26	Page 27	Page 26
Description	Direct Thermal BLUETOOTH Wireless Printers				Direct Thermal Printer & Cash Drawer	Dot Matrix Bluetooth	9-Pin High Quality, Bi-Directional Impact Printers		Matrix/Thermal 2 Station Printer
	Direct Thermal Label, Receipt & Ticketing								
	NEW High Speed "All-in-the-Box" Bluetooth printer for Android, Apple iOS & Windows	Industry first High Performance, Entry Level iOS Compatible Bluetooth Desktop Printer with Cash Drawer Support	UNIQUE Under Counter Printer with Front Operation and Voice Tool	UNIQUE 80mm or 112mm Bluetooth Barcode, Label, Ticket & Receipt Printing from the ONE model	Compact 58mm Bluetooth Printer & Cash Drawer – one power cable needed to charge/run tablets/scanners etc.	UNIQUE Bluetooth 9-pin Red/Black Dot Matrix Printer	9-pin Matrix Slip Printers with Letter Descenders	UNIQUE 9-pin Red/Black Dot Matrix Printer Series	High Speed 203 dpi Thermal Receipt & Matrix Cheque/Slip Printer
Max. Print Speed	250mm/sec.	300mm/sec.	250mm/sec.	TSP743II: 250mm/sec. TSP847II: 180mm/sec.	100mm/sec.	4.7 to 8.9 lps	3.1 lps	4.0 to 8.9 lps	250mm/sec. up to 8.9 lps
Resolution	203 dpi	203 dpi	203 dpi, 406 x 203 dpi selectable	203 dpi, 406 x 203 dpi selectable	203 dpi	7 x 9 half dot	7 x 9 half dot	7 x 9 half dot	203 dpi/9-pin
No. of Columns	48/64 col. Depending on Paper Width	48/64 col. Depending on Paper Width	48/64 col. Depending on Paper Width	TSP743II: 48/64, 53/71 col. TSP847II: max. 104 col	48 col.	42/35 col.	42 col.	42/35 col.	Receipt: 48/64 col. Slip: 60 or 45 col.
Autocutter	Partial Cut (Guillotine)	Partial Cut (Guillotine)	Full or Partial Cut (Guillotine)	Full or Partial Cut (Guillotine)	Partial Cut (Guillotine)	Partial Cut	Slip Printer	Tear Bar and Full/Partial (Guillotine) Autocutter. Rewind models	Partial Cut (Guillotine)
Paper Width	80mm (58mm Using Paper Guide)	80mm Standard (58mm Paper Guide)	58 – 80mm Fully Adjustable	TSP743II: 82.5, 80 (std), 58mm TSP847II: 112mm	58mm	76mm default, 69.5, 58mm	up to 182mm	76mm default, 69.5, 58mm	Thermal: 58, 76, 80mm Matrix: 68 – 230mm
Paper Thickness	0.053 – 0.085mm	0.053 – 0.085mm	0.065 – 0.15mm	0.065 – 0.15mm	0.053 – 0.075mm	0.065 – 0.085mm/1+2 copies	0.09 – 0.20mm/1+2 copies	0.06 – 0.085mm/1+2 copies	Thermal: 0.065 – 0.085mm. Matrix: 0.09 – 0.31mm
Paper Roll Standard Option	83mm	83mm	83mm	100mm External Paper Feed	50mm	85mm	Slips only	85mm	Thermal: 83mm
Media Presentation	User Selectable Paper Delivery Options with Mounting Bracket included	User Selectable Paper Delivery Options with Mounting Bracket included	Front Output Delivery with Flat Shelf Mount Bracket Option	User Selectable Paper Delivery Options with Mounting Bracket included & Optional Paper Exit Guide	Horizontal mode with front receipt delivery	Vertical or Horizontal mode	Horizontal mode	Vertical or Horizontal mode	Horizontal model Top Receipt/front Slip delivery
Print Width	50.8mm (58mm Paper) 72mm (80mm Paper)	50.8mm (58mm Paper) 72mm (80mm Paper)	72mm	TSP743II: 80mm TSP847II: 104mm	54 or 48mm	63/50/45mm	63mm	63/60/45mm	Thermal: 72mm Slip: 85.4mm max.
Sensors	Paper End, Cover Open	Paper End, Cover Open, Near End Horizontal & Vertical	Black Mark, Paper End, Cover Open, Near End	Black Mark, Paper End, Cover Open, Near End Horizontal & Vertical	Paper End, Cover Open	Paper End (Near End option)	Auto Side Loading	Paper End (Near End option)	Paper End, Near End option, Auto Side Loading & Cheque validation
Interface	Bluetooth (2.1), iOS (MFi)	Bluetooth (2.1), iOS (MFi)	Bluetooth (2.1), iOS (MFi)	Bluetooth (2.1), iOS (MFi)	Bluetooth (2.1), iOS (MFi), 1 Slave USB, 2x0.5A & 2x1.5A Slave Host Ports	Bluetooth (2.1), iOS (MFi)	RS232C or Parallel	RS232C, Parallel, non interface or Bluetooth versions + NEW Hi X CloudPRNT	RS232C or Parallel with LAN/USB/Powered USB options
Power Supply	Internal with Power Cable included	External Option PS60	External Option PS60	External Option PS60	Internal with Power Cable included	Internal with cable provided	External Option PS60	Internal with cable provided	External Option PS60
Power Consumption	46 W Printing 3.5 W Standby	45.6 W Printing 3.6 W Standby	37.44 W Printing 2.88 W Standby	TSP743II/TSP847II: 43.2W/48W Printing 3.6W/2.88W Standby	32.34 W Printing 25.77 W Standby	36 W Printing 10.08 W Standby	24 W Printing 1.68 W Standby	36 W Printing 10.08 W Standby	
Energy Star	Energy Star Certified Internal Power Supply (Power Cable included)	External, Energy Star Qualified PS60 (optional)	External, Energy Star Qualified PS60 (optional)	External, Energy Star Qualified PS60 (optional)	Energy Star Qualified		External, Energy Star Qualified PS60 (optional)	External, Energy Star Qualified PS60 (optional)	External, Energy Star Qualified PS60 (optional)
Reliability	60 million lines 2 million cuts	60 million lines 2 million cuts	60 million lines 2 million cuts	TSP743II/TSP847II: 60/37 million lines 2 million cuts	18 million lines 300,000 cuts	22 million lines 1 million cuts	9 million lines	22 million lines 1 million cuts	Thermal: 60 million lines Slip: 37 million lines
Dimensions (W x D x H) mm Weight	142 x 204 x 132 1.56kg – 1.74kg	142 x 203.5 x 132 1.60kg	144 x 227.7 x 114 2.8kg	TSP743II: 147 x 213 x 148 / 1.75kg TSP847II: 180 x 213 x 148 / 1.9kg	308 x 300 x 100 3.5kg	160 x 245 x 152 3.3kg	180 x 190 x 138.5 2.1kg	160 x 245 x 152 3.3kg	186 x 296 x 177 4.6kg
Options	In box: Power Cable, Wall Mount Kit, Power Switch Cover, Paper Roll, 58mm Guide Options: • T100/650 Splash Proof Cover • VS T100/650 Display Stand for Vertical Use • Star WebPRNT Browser download from the App Store & Google Play	In box: Wall Mount Kit, Power Switch Cover, Paper Roll, 58mm Guide Options: • T100/650 Splash Proof Cover • VS T100/650 Display Stand for Vertical Use • Plug-in Interfaces (see above) • Star WebPRNT Browser download from the App Store & Google Play	• MK-FVP10 mounting bracket • Range of plug-in alternative interfaces could replace Bluetooth interface • Star WebPRNT Browser download from the App Store & Google Play	• TSP743II: Wall Mount Bracket in box at purchase • TSP847II: WBT800 Wall Mount option • TSP743II: VS700 Deskboot option • TSP847II: VS800 Deskboot option • Star WebPRNT Browser download from the App Store & Google Play	In box at purchase: Power Cable, 1D scanner with scanner version, Counter Clip, Paper Roll, Tablet Stand POS Software compatible options include: Star 1D or 2D DS9208 scanners, SCD222 Customer Display, iOS 2.4A cable, POPPack Stand, VESA Stand Mount, Under Counter Mount Kit	• Buzzer Alarm • Wall Mount Kit • Vertical Kit • Star WebPRNT Browser download from the App Store & Google Play	• PS60 Power Supply	• Buzzer Alarm • Wall Mount Kit • Vertical Kit • SP700R Paper Rewind version	• MICR versions HSP7643: Top position HSP7743: Bottom position HSP7543: Non-MICR version

SPECIFICATIONS

Direct Thermal Kiosk, Tablet POS & Traditional POS Receipt Printers








STAR PRINTER SERIES	TSP143IIIU ECO	TSP143III USB	TSP143III LAN / Ethernet	TSP143III Wireless LAN	TSP143III Bluetooth
					
	Pages 12-13	Pages 12-13	Pages 12-13	Pages 12-13	Pages 12-13
Description	World's Largest Range of Entry-level Receipt Printers with 4 years warranty (inc. Print Head & Cutter)				
	<i>All printers available in Dark Grey or Ultra White and feature 203 dpi resolution with high reliability (MCFB 60 million lines / 2 million cuts)</i>				
	Entry-Level Dedicated ECO USB Printer with Power & Paper Saving Tools All set-up accessories in box	High Speed USB Receipt Printer with direct "Communicate & Charge" lightning cable connection All set-up accessories in box	High Speed Dedicated Ethernet / LAN Thermal Printer with All set-up accessories in box	High Speed Wireless Printer with WPS or Access point mode All set-up accessories in box	NEW High Speed "All-in-the-Box" Thermal Bluetooth Receipt Printer All set-up accessories in box
Paper Width	80mm (58mm Using Paper Guide)	80mm (58mm Using Paper Guide)	80mm (58mm Using Paper Guide)	80mm (58mm Using Paper Guide)	80mm (58mm Using Paper Guide)
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)
Thickness	0.053 – 0.085mm	0.053 – 0.085mm	0.053 – 0.085mm	0.053 – 0.085mm	0.053 – 0.085mm
Paper Roll Size Outside Diameter	83mm	83mm	83mm	83mm	83mm
Power Supply	Internal with Power Cable included	Internal with Power Cable included	Internal with Power Cable included	Internal with Power Cable included	Internal with Power Cable included
Print Speed	150mm/second	250mm/second	250mm/second	250mm/second	250mm/second
Autocutter	Partial Cut (Guillotine) with 3mm Top Margin	Partial Cut (Guillotine)	Partial Cut (Guillotine)	Partial Cut (Guillotine)	Partial Cut (Guillotine)
Unique Ethernet / LAN Print on Disconnect			Standard	Standard via WLAN	
Dimensions / Weight (w x d x h mm)	142 x 204 x 132 1.72kg	142 x 204 x 132 1.68kg	142 x 204 x 132 1.68kg	142 x 204 x 132 1.68kg	142 x 204 x 132 1.68kg

STAR PRINTER SERIES	TSP654II	TSP654II AirPrint™	TSP654II Bluetooth	TSP654II HI X CloudPRNT	TSP743II TSP847II	TSP743II TSP847II Bluetooth	TSP743II TSP847II HI X	FVP10
								
	Pages 14-15	Page 15	Page 15	Page 15	Pages 18-19	Pages 18-19	Pages 18-19	Page 17
Description	World's Largest Range of Entry-Level Receipt Printers				Direct Thermal Label, Receipt & Ticketing			
					"Easy-Install" Kiosk / Terminal Embedded Printers			
	High Speed Thermal Receipt Printer LAN, USB, HI X CloudPRNT, Serial, Parallel & no interface versions	World's 1st Apple Certified AirPrint™ Receipt Printer All set-up accessories in box	Superfast Thermal Bluetooth Receipt Printer All set-up accessories in box	High Speed Thermal LAN & Remote Cloud Receipt Printer with USB & Ethernet WiFi ready for 3rd party dongle	80mm or 112mm wide Barcodes, Labels, Tickets all from the ONE printer! Traditional interface, Ethernet, WiFi, Bluetooth & CloudPRNT versions offering the world's only wireless desktop receipt, label & ticket printers. TSP847II: The ALTERNATIVE A4 Laser Printer with 90% less running costs than your standard laser			UNIQUE under Counter / Front Operating Audio Printer with USB interface & 2nd port option
Paper Width	80mm (58mm Using Paper Guide)	80mm (58mm Using Paper Guide)	80mm (58mm Using Paper Guide)	80mm (58mm Using Paper Guide)	TSP743II: 82.5mm, 80mm (default), 58mm selectable TSP847II: 112mm Standard (80mm guide)			58 – 80mm Fully Adjustable
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)	TSP743II: 80mm max. TSP847II: 104mm	TSP743II: 80mm max. TSP847II: 104mm	TSP743II: 80mm max. TSP847II: 104mm	72mm
Thickness	0.053 – 0.085mm	0.053 – 0.085mm	0.053 – 0.085mm	0.053 – 0.085mm	0.065 – 0.15mm	0.065 – 0.15mm	0.065 – 0.15mm	0.065 – 0.15mm
Paper Roll Size Outside Diameter	83mm	83mm	83mm	83mm	100mm (60% more paper, 0.065mm thick)	100mm (60% more paper, 0.065mm thick)	100mm (60% more paper, 0.065mm thick)	83mm
Power Supply	External Option PS60	External Option PS60	External Option PS60	External Option PS60	External Option PS60	External Option PS60	External Option PS60	External Option PS60
Print Speed	300mm/second	300mm/second	300mm/second	300mm/second	TSP743II: 250mm/second TSP847II: 180mm/second			250mm/second
Autocutter	Partial Cut (Guillotine)	Partial Cut (Guillotine)	Partial Cut (Guillotine)	Partial Cut (Guillotine)	Full or Partial Cut by command (Guillotine)	Full or Partial Cut by command (Guillotine)	Full or Partial Cut by command (Guillotine)	Full or Partial Cut by command (Guillotine)
Unique Ethernet / LAN Print on Disconnect	Standard with Ethernet LAN IFBD-HE07 model		Standard with Ethernet/WLAN interfaces	Standard with WiFi 3rd party dongle & Ethernet port	Standard with Ethernet LAN IFBD-HE07	Standard for Ethernet/WLAN interfaces	Standard with Ethernet port	Standard with Ethernet LAN IFBD-BE07 FVP chassis model
Dimensions / Weight (w x d x h mm)	142 x 203.5 x 132 1.60kg	142 x 203.5 x 132 1.60kg	142 x 203.5 x 132 1.60kg	142 x 203.5 x 132 1.60kg	TSP743II 147 x 213 x 148 / 1.75kg TSP847II 180 x 213 x 148 / 1.9kg			144 x 227.7 x 114 2.8kg

► Industry standard 1D & 2D barcode support on all printers








Kiosk / Terminal

Specialist Thermal, Lottery & Ticketing

STAR PRINTER SERIES	TUP592 TUP542	TUP992 TUP942	Sanei SK1-21/211/ 22/31/311/32	Sanei SK1-41A	TSP743II TSP847II	TSP1000	TSP-L10
							
	Page 31	Page 31	Page 30	Page 30	Pages 18-19	Page 24	Page 25
Description	Modular, Open Frame Thermal Kiosk / Terminal		Open Frame Thermal Ticketing			Star Specialist Direct Thermal Printers with Receipt / Ticket Stacker	
	Direct Thermal Label, Receipt & Ticketing						
	TUP592 Presenter Version TUP542 No Presenter for labels etc. TUP500 Modules – mech etc.	TUP992 Presenter Version TUP942 No Presenter for labels etc. TUP900 Modules – mech etc.	SK1-21/211/ SK1-31/311 No Presenter SK1-21/211-LP/ SK1-31/311-LP Presenter SK1-22/SK1-32 Clamshell™	SK1-41A-L No Presenter SK1-41A-LP with Presenter and Label Support	Barcodes, Labels, Tickets all from the ONE model! TSP847II: The ALTERNATIVE A4 Laser Printer	One of the World's most successful Lottery Printers	High Performance Secure Transaction Printer able to print and stack 100 Tickets
Max. Print Speed	220mm/sec.	150mm/sec.	200mm/sec.	150mm/sec.	TSP743II: 250mm/sec. TSP847II: 180mm/sec.	180mm/sec.	300mm/sec.
Resolution	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi, 406 x 203 dpi selectable	203 dpi	203 dpi
No. of Columns	48/64 or 53/71 col. Depending on Paper Width	A4 Print Capability on 112mm Paper with Auto Scaling Software	SK1-2x: Max 56 col. SK1-3x: Max 80 col. Depending on Paper Width	Max 104 col. (8x16) Max 69 col. (12x24) Depending on Paper Width	TSP743II: 48/64 or 53/71 col. TSP847II: "Reduced" A4 print capability with Auto Scaling Driver	48/64 or 53/71 col. Depending on Paper Width	48/64 or 53/71 col. Depending on Paper Width
Autocutter	Full or Partial (Guillotine) Full only with PR500 Presenter & TUP592	Full or Partial (Guillotine) Full Only with PR900 Presenter & TUP992	Full or Partial (Guillotine) Full Only With Presenter	Full or Partial (Guillotine) Full Only With Presenter	Full or Partial Cut (Guillotine)	Full Cut (Guillotine)	Full Cut (Guillotine)
Paper Width	45 – 82.5mm Adjustable	80 – 112mm Adjustable	SK1-21/211/22: 54/56mm SK1-31/311/32: 58/60/80/83mm	80/83/112mm	TSP743II: 80mm (default), 82.5mm, 58mm selectable. TSP847II: 112mm Standard, 80mm with Paper Guide option	45 – 82.5mm Adjustable	82.5mm
Paper Thickness	0.065 – 0.15mm	0.065 – 0.15mm	0.059 – 0.15mm 0.10mm with presenter	0.059 – 0.15mm 0.075mm with presenter	0.065 – 0.15mm	0.065 – 0.15mm	0.075 – 0.09mm
Paper Roll Standard Option	Standard: 150mm With Option: 254mm	Standard: 150mm With Option: 254mm	Standard: 120mm With Option: 200mm	Standard: 120mm With Option: 200mm	100mm	▶ 180mm ◀	▶ 200mm ◀
Media Presentation	Presenter with Document Capture (not for labels). Flashing Paper Exit Guide option	Presenter with Document Capture (not for labels). Metal or Flashing Paper Exit Guide options	SK1-21/211/31/311: Presenter with Document Capture (not for labels). Plastic or Flashing Paper Exit Guide options	Presenter with Document Capture (not for labels). Plastic or Flashing Paper Exit Guide options	User Selectable Paper Delivery Options with Mounting Bracket included (TSP847II option) & Optional Paper Exit Guide	30 Receipt/ Ticket Stacker	100 Receipt/ Ticket Stacker
Print Width	80mm	104mm	SK1-2x: 54/56mm SK1-3x: 54/56/72/80mm	72/80/104mm	TSP743II: 80mm max. TSP847II: 104mm	80mm	80mm
Sensors	Black Mark, Adjustable Paper End, Near End & Paper Low	Black Mark, Adjustable Paper End, Near End & Paper Low	Near End, Reflection (PE/BM) & Gap	Near End, Reflection (PE/BM) & Gap	Black Mark, Paper End, Cover Open, Near End Horizontal & Vertical	Paper End, Near End & Stacker	Black Mark, Cover Open, Paper End, Near End (4 position)
Interface	Supplied without Interface. Options: 9-pin or 25-Pin Serial (IFBD-HN03 or IFBD-HD03), Parallel (IFBD-HC03), USB (IFBD-HU05), Ethernet (IFBD-HE07)	Supplied without Interface. Options: 9-pin or 25-Pin Serial (IFBD-HN04 or IFBD-HD04), Parallel (IFBD-HC04), USB (IFBD-HU06)	Dual Interface – Serial & USB 12 volt versions available for solar panel connection etc.	Dual Interface – Serial & USB 12 volt versions available for solar panel connection etc.	Serial, Parallel, USB and Non-interface versions. Plug-in Options: Serial (IFBD-HD03), 9-pin Serial (HN03), Parallel (HC03), Ethernet (HE07), WebPRINT (HE07X), HI X (HI01X). NEW Bluetooth (Apple iOS, Android, Windows) versions available	Serial, Parallel or USB as Standard. Ethernet Options. 3rd Party WiFi/ Bluetooth Options	High Speed USB 2.0 + USB Host and Ethernet
Unique Ethernet Print on Disconnection Feature	Standard with IFBD-HE07 option	Contact Star for more details			Standard with IFBD-HE07 Option	Standard with IFBD-HE08	
Power Supply	External Option PS60	External Option PS60	External Option PS60 with CB-SK1-D3 cable	External Option SA1-3A240 Power Lead Now Supplied	External Option PS60	External Option PS60	External Option PS60
Power Consumption	40.8W Printing 16.8W Standby	40.8W Printing 1.92W Standby	60W Printing 1.68W Standby	60W Printing 1.68W Standby	TSP743II: 43.2W Printing 3.6W Standby TSP847II: 48W Printing 2.88W Standby	48W Printing 2.4W Standby	24W Printing 0.48W Standby
Energy Star	External, Energy Star Qualified PS60 (optional)	External, Energy Star Qualified PS60 (optional)	External, Energy Star Qualified PS60 (optional) + Qualified SA1-3A240 (optional)	External, SA1-3A240 (optional)	External, Energy Star Qualified PS60 (optional)	External, Energy Star Qualified PS60 (optional)	External, Energy Star Qualified PS60 (optional)
Reliability	60 million lines 1 million cuts	37 million lines 1 million cuts	60 million lines 1.5 million cuts	60 million lines 1.5 million cuts	TSP743II: 60 million lines 2 million cuts TSP847II: 37 million lines 2 million cuts	60 million lines 1 million cuts	60 million lines 2 million cuts
Dimensions (W x D x H) mm Weight (without interface cover)	Mechanism: 135 x 101 x 103 Open Frame: 160 x 234.1 x 179 2.5kg	Mechanism: 176.2 x 101 x 121 Open Frame: 192 x 249.3 x 179 2.84kg	SK1-21/211: 80mm roll 104 x 129.2 x 73.6 / 525g SK1-31/311: 83mm roll 127 x 130 x 74 / 630g SK1-22: 104 x 140.3 x 69.7 500g SK1-32: 128 x 174.5 x 74.2 730g	80mm roll: 160.9 x 143.1 x 76.3 102mm roll: 160.9 x 151.2 x 82.2 120mm roll: 160.9 x 159.3 x 88.1 without presenter / 885g	TSP743II: 147 x 213 x 148 / 1.75kg TSP847II: 180 x 213 x 148 / 1.9kg	161 x 307 x 249 3.0kg	165 x 343 x 276 4.4kg (including scanner)
Document Capture (Anti-litter mode)	Document Capture	Document Capture	Document Capture	Document Capture			
Options	• Interfaces (see above) • Flashing Snout Green & Red LED Paper Exit Guide • 25cm Paper Roll Option	• Interfaces (see above) • Metal Paper Exit Guide • Flashing Snout Blue or Green & Red LED Paper Exit Guide Option • 25cm Paper Roll Option	• LED Bezel SK1-211/311 LB-SK1 • Plastic Bezel BZ-SK1-2 or 1 • PS60 PSU+PS60 Connector CB-SK1-D3 • 20cm Paper Roll Option HL02 • Presenter PR-SK1	• Plastic Bezel BZ-SK1-1 • Flashing Snout LB-SK1 • PS60 PSU + PS60 Connector CB-SK1-D3	• Buzzer • Blue or Green & Red LED Paper Exit Guide • Plug-in Interfaces • Plug-in WebPRINT • Star WebPRINT Browser for Bluetooth model • TSP743II: Splash Proof Cover	• Three Colour Versions Available: Cherry Red, White or Charcoal Grey	• TSP11 Internal Print Verification Scanner version

SPECIFICATIONS

Mobile/mPOS (Wireless & Bluetooth)

STAR PRINTER SERIES	SM-L200	NEW SM-L300	SM-S220i	SM-S230i	SM-T300DW	SM-T300i	SM-T400i
	Label Support  4.0 Bluetooth Pages 21-23	Label Support  4.0 Bluetooth Pages 21-23	 Bluetooth Pages 21-23	 Bluetooth Pages 21-23	 COMPLIANT IP54 Pages 21-23	 COMPLIANT IP54 Bluetooth Pages 21-23	 COMPLIANT IP54 Bluetooth Pages 21-23
Description	Direct Thermal Mobile						
	Compact, 2" (58mm) Bluetooth / BLE Mobile Printer for Apple iOS, Android, Linux & Windows	Compact, 3" (80mm) Bluetooth / BLE Apple iOS & Android Bluetooth Mobile Printer able to print 40-80mm Receipts & Traditional / Repositionable Liner-free Labels with 43 hour battery	Compact, 2" (58mm) Apple iOS™ & Android™ Bluetooth Mobile Printer	Compact, 2" (58mm) Apple iOS™ & Android™ Bluetooth Mobile Printer	Rugged, 3" (80mm) Mobile Printer with WiFi compatibility SM-T300DW without MSR SM-T301DW with MSR (Track 1&2)	Rugged, 3" (80mm) Apple iOS & Android Compatible Bluetooth Mobile Printer SM-T300i without MSR SM-T301i with MSR (Track 1&2)	Durable, 4" (112mm) Apple iOS & Android Compatible Bluetooth Mobile Printer SM-T400i without MSR SM-T404i with MSR (Track 1&2)
Max. Print Speed	35mm/sec.	65mm/sec.	80mm/sec.	80mm/sec.	75mm/sec.	75mm/sec.	80mm/sec.
Resolution	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi
Tear Bar / Autocutter	Tear Bar	Tear Bar	Tear Bar	Tear Bar	Tear Bar	Tear Bar	Tear Bar
Paper Width	58mm	40 – 80mm adjustable	58mm	58mm	80mm	80mm	112mm
Paper Thickness	0.053 – 0.12mm	0.053 – 0.085mm Labels up to 0.15mm MaxStick up to 0.086mm	0.06 – 0.07mm	0.06 – 0.07mm	0.06 – 0.07mm	0.06 – 0.07mm	0.06 – 0.07mm
Paper Roll (diameter)	40mm	57mm	40mm	40mm	50mm	50mm	50mm
Media Presentation	Desktop Cradle operation, Horizontal Desktop or Vertical Belt Strap	Desktop Cradle operation, Horizontal Desktop or Vertical Belt Strap	Horizontal Desktop or Vertical Belt Strap	Horizontal Desktop or Vertical Belt Strap	Horizontal Desktop or Vertical Belt / Shoulder Strap	Horizontal Desktop or Vertical Belt / Shoulder Strap	Horizontal Desktop or Vertical Belt / Shoulder Strap
Print Width	48mm	32 – 72mm	48mm	48mm	72mm	72mm	104mm
Sensors	Paper End, Cover Open, Black Mark	Paper End, Cover Open, Black Mark, Transmissive Gap	Paper End, Cover Open, Black Mark	Paper End, Cover Open, Black Mark	Paper End, Cover Open, Black Mark	Paper End, Cover Open, Black Mark	Paper End, Cover Open, Black Mark
Interface	Bluetooth 3.0 / 4.0 USB charging / communication cable included	Bluetooth 3.0 / 4.0 USB charging / communication cable included	Bluetooth (2.1), iOS (MFi), RS-232 Serial (cable included)	Bluetooth (2.1), iOS (MFi), USB communication cable included	WiFi, RS-232 Serial (cable included)	Bluetooth (2.1), iOS (MFi), RS-232 Serial (cable included)	Bluetooth (2.1), iOS (MFi), RS-232 Serial (cable included)
Emulation	StarPRNT	StarPRNT	StarPRNT & ESC/POS™	StarPRNT & ESC/POS™	ESC/POS™	StarPRNT & ESC/POS™	StarPRNT & ESC/POS™
Drop Test	1.2m	1.2m	1.2m	1.5m	1.5m (MSR Model: 1.2m)	1.5m (MSR Model: 1.2m)	1.5m (MSR Model: 1.2m)
Power Supply	Desktop Cradle or USB charging / communication cable included	Desktop Cradle or USB charging / communication cable included	AC Charger & Battery Pack included	AC Charger & Battery Pack included	AC Charger & Battery Pack included	AC Charger & Battery Pack included	AC Charger & Battery Pack included
Power / Battery Life	3.7V rechargeable battery offering 13 hours printing at 5 minute printing intervals	7.4V rechargeable battery offering 43 hours printing at 5 minute printing intervals	7.4V rechargeable battery offering 8 hours printing at 5 minute printing intervals	7.4V rechargeable battery offering 13 hours printing at 5 minute printing intervals	7.4V rechargeable battery offering 11 hours printing at 5 minute printing intervals	7.4V rechargeable battery offering 13 hours printing at 5 minute printing intervals	7.4V rechargeable battery offering 24 hours printing at 5 minute printing intervals
Reliability	37 million lines 50km	37 million lines 50km	37 million lines 50km	37 million lines 50km	37 million lines 50km	37 million lines 50km	37 million lines 50km
Dimensions (W x D x H) mm Weight	83 x 122.5 x 44 220g (including battery)	119 x 146 x 69 540g (including battery)	81 x 139 x 46 288g (including battery)	80 x 114 x 44 217g (including battery)	120 x 132.2 x 58.3 442g (including battery)	120 x 130.5 x 58.3 120 x 132.2 x 58.3 (with MSR) 442g (including battery)	150.9 x 136.6 x 63.3 150.9 x 143.2 x 63.3 (with MSR) 735g (including battery)
Included in box with printer at purchase	<ul style="list-style-type: none"> Battery Pack Sample Paper Roll Belt Clip Safety Instruction Sheet USB Cable 	<ul style="list-style-type: none"> Battery Pack Sample Paper Roll Belt Clip Safety Instruction Sheet USB Cable 	<ul style="list-style-type: none"> Battery Pack Sample Paper Roll Belt Clip Serial Cable Battery Charger Safety Instruction Sheet 	<ul style="list-style-type: none"> Battery Pack Sample Paper Roll Belt Clip USB Cable Battery Charger Safety Instruction Sheet 	<ul style="list-style-type: none"> Battery Pack Sample Paper Roll Belt Clip Serial Cable Battery Charger Safety Instruction Sheet 	<ul style="list-style-type: none"> Battery Pack Sample Paper Roll Belt Clip Serial Cable Battery Charger Safety Instruction Sheet 	<ul style="list-style-type: none"> Battery Pack Sample Paper Roll Belt Clip Serial Cable Battery Charger Safety Instruction Sheet
Options	<ul style="list-style-type: none"> Desktop Cradle Charger In-vehicle Mount Bracket Extra Battery Pack Star WebPRNT Browser App download from the App Store & Google Play 	<ul style="list-style-type: none"> Desktop Cradle Charger In-vehicle Mount Bracket Extra Battery Pack Star WebPRNT Browser App download from the App Store & Google Play 	<ul style="list-style-type: none"> 4 Unit Battery Charger Single Battery Charger Extra Battery Pack Vehicle Charger Star WebPRNT Browser App download from the App Store & Google Play 	<ul style="list-style-type: none"> 4 Unit Battery Charger Single Battery Charger Extra Battery Pack Vehicle Charger Star WebPRNT Browser App download from the App Store & Google Play 	<ul style="list-style-type: none"> 4 Unit Battery Charger Shoulder Strap Single Battery Charger Extra Battery Pack Vehicle Charger MSR version available Star WebPRNT Browser App download from the App Store & Google Play 	<ul style="list-style-type: none"> 4 Unit Battery Charger Shoulder Strap Single Battery Charger Extra Battery Pack Vehicle Charger MSR version available Star WebPRNT Browser App download from the App Store & Google Play 	<ul style="list-style-type: none"> 4 Unit Battery Charger Shoulder Strap Single Battery Charger Extra Battery Pack Vehicle Charger MSR version available Star WebPRNT Browser App download from the App Store & Google Play

SPECIFICATIONS

**NEW****mPOP™**

THE MOBILE POINT OF PURCHASE SOLUTION

"Compact & Elegant"

Bluetooth®

Outstanding connectivity and design, plus intuitive functionality and simple integration are delivered ready to work with your chosen mobile software and card payment system...welcome to a new era for mPOS.

Advanced mobile devices and app software have opened up new avenues for retailers. At Star Micronics we've developed the world's first conceptually driven, combined point of purchase cash drawer and printer in response to the need for an easily integrated mobile POS system.

mPOP works with all major mobile operating systems including Apple iOS, Android and Windows, giving retailers the freedom to use the platform that works for them.



iOS Windows



▶ **SIMPLE & Easy-to-use**

JUST one power cable is needed to charge multiple devices, operate scanners, as well as run the printer and cash drawer courtesy of the 2 x 1.5A and 2 x 0.5A USB host ports. An optional iOS Y cable option can provide 2.4A for the iPad Pro. The mPOP LCDs will let you know pairing status as well as any issues such as paper out, whilst Apple's auto reconnect feature will automatically re-pair Apple devices.

▶ **Security**

The mPOP can be attached to a counter using the desk clip provided or with a 3rd party Kensington lock cable system. Any tablet stand can be used with the mPOP. However, the tablet stand provided with Star's POPPack option is attached to a heavy, metal plate and provides peace of mind whilst retaining the ability to separate stand and mPOP for transport at end of day, if required.

▶ **Reliable 100mm/second printer**

with intuitive top loading & easy front feed, the printer uses anti-curl direct thermal receipt paper which does not need ribbons or toner and is readily available. The partial cut guillotine automatically cuts the 58mm wide receipt so it won't drop on the floor. Simple paper loading – just push the front printer panel and press the easy release lever to drop in the paper roll and then print.

▶ **Functional but compact cash drawer**

A clean, fast drawer release reveals 6 coin holders capable of taking full bank bags of coins and 4 upright note dividers. There is a low cost 8 coin option if required. Higher value notes can be stored securely under the coin inserts and a software lock provides extra security.

▶ **Need Software?**

www.mPOP.com will put you in touch with the latest Mobile POS, Retail and Hospitality software that suits you and works with Star's mPOP. Offering all the advantages of Mobile POS – lower cost hardware and software that works in the Cloud as well as off-line, giving you access to your business anywhere – again you choose!



Full specifications on page 6
or www.Star-EMEA.com

CB2002



Options & Accessories



THERMAL

CB2002

► You Choose

“Use your own tablet, smartphone or laptop and payment device”



Tablet and phone not included



MODELS:

- mPOP White & Silver EU & UK
- mPOP White & Silver with barcode reader/scanner
- mPOP Black & Silver EU & UK
- mPOP Black & Silver with barcode reader/scanner



Plug and play Star scanner

In the box at purchase:

- 58mm Thermal Printer & 6 coin / 4 note holder cash drawer
- Printer Security Clip for attaching mPOP to counter
- Simple Tablet Stand to place tablet in upright or lower mode
- 1D Scanner if the scanner version (mPOP with BCR) is purchased



Device stand

Options available:

- 1D Scanner BCR-POP1 (black or white – check software support)
- 2D Scanner DS9208 (black or white – check software support). Free and handheld scanning modes on virtually all types of media from paper label to mobile phone QR code images. Cost-effective 1D & 2D scanner connected to Star’s mPOP, reducing adaptor needs
- SCD222 Customer Display for iOS or Android mPOP use, with 2 lines of graphics via blue, back-lit, 160 x 40 pixel display. 141 x 79 x 60mm/210g
- iOS High Powered Y Cable for iPad Pro charging from mPOP 2.4A using the two existing 1.5A mPOP ports



NEW



NEW



NEW



- Under-counter mount kit
- 3rd party Kensington lock
- Secure VESA mount base for 3rd party VESA stands
- Paper: Thermal – width: 57mm, roll diameter: 50mm, weight: 0.053 – 0.075gsm, core size: 12mm
- CB2002 black or white 2nd cash drawer option

► Need a bigger Cash Drawer

If your business grows as quickly as you hope, then you can easily add a 2nd cash drawer under your counter. Just purchase a low cost black or white CB2002 from Star and plug the cash drawer cable into the mPOP’s versatile range of ports at the base of the unit. Your software or your mPOP may be programmed to open this drawer separately or at the same time as your mPOP, giving you a more hidden location for all that extra cash!

NEW



Star POPPack option



10" Secure Universal Tablet Stand & mPOP Plate

Introducing the matching black or white tablet and PED stand solution from Ergonomic Solutions. Transform Star’s combined Bluetooth cash drawer and printer into an mPOS station with 180° rotation, eliminating the need for a customer display. Red, yellow, green, blue versions available on special order.

mPOS

PERIPHERALS



“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

Full specifications on page 7 or www.futurePRNT.com

TSP100 Series

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

- *futurePRNT* Software with cost-saving marketing & multi-install tools
- ALL setup accessories in the box: wall mount kit, 58mm guide, Interface & power cable with plug & switch cover
- 4 Year warranty including head & cutter
- Free-of-charge Digital Receipting & online printer estate status tool
- Connectivity at entry-level pricing
- Internal power supply with cable – NO “brick on a rope”
- Dark grey & ultra white models to match today’s modern tablets with matching cash drawers
- Thin paper capable (0.053mm)
- Energy Star Compliant

TSP143IIU **ECO**

150mm/sec. USB Receipt Printer



Offers unique paper and power saving features, set outside of the core POS software. Star’s *futurePRNT* software allows the user to set the auto paper length and width reductions as well as the operator print receipt prompt on just one printer to then roll out to the whole estate. This, plus the 3mm top margin (11-13mm being standard), can reduce paper costs by 70% or more.

TSP143IIU

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 and charge directly an iPad or iPhone 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 traditional 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.



TSP143III Bluetooth

250mm/sec. USB Receipt Printer



Widely acknowledged as the new leading Bluetooth printer for Tablet POS following on from the success of Star’s TSP654II BI; the TSP143III BI is fast, compact and easy to setup with the Star WebPRNT Browser for direct web printing – available from Google Play or the App Store. The iOS (Apple iPad etc.) AutoConnect feature (after power-on or out of range situation) demonstrates this printer ticks all the Tablet POS boxes.

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 32 for more information.

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



TSP143III futurePRNT Software

Star's *futurePRNT*™ free-of-charge, value-added software far exceeds 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

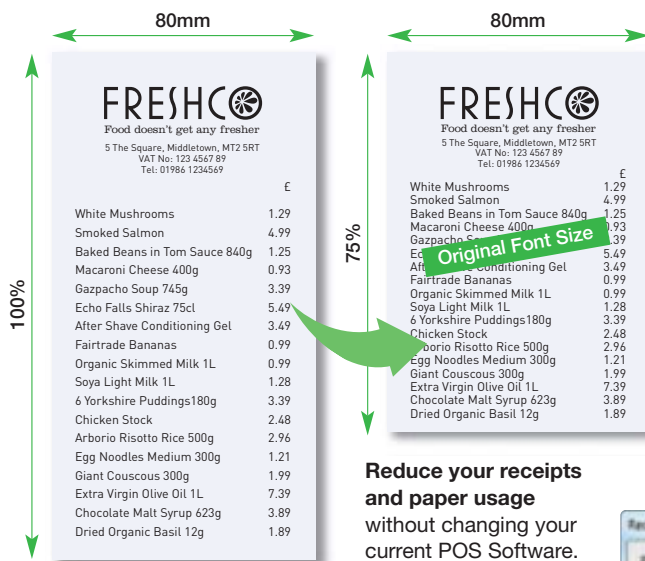
All settings are stored on the PC removing the need to pre-configure the printer itself. The unique TSP100 setup utility reduces integration time to minutes as it can simply mirror individual printer settings to multiple units in different locations, if required. The printer does not have to be taken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

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



80mm 80mm

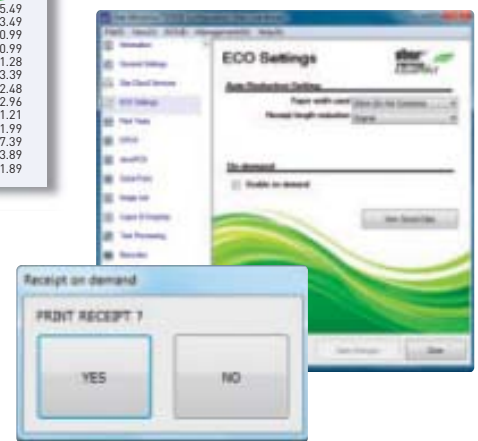
100% 75%

Original Font Size

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

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



“TSP100 *futurePRNT* tools & features could reduce paper consumption by 70% or more.”

TSP100ECO futurePRNT

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

Power Management

Star has designed the TSP100ECO *futurePRNT* to only be activated when attaching the included USB cable to the printer and powered PC/terminal.

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.

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).



11mm 3mm default

Greene & Brown's
THE ORGANIC PROVISIONS PEOPLE

Date: 24/12/18 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



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.

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

www.futurePRNT.com

THERMAL

mPOS

“Entry level, ergonomic receipt printer fits seamlessly into the majority of Hospitality and Retail environments.”



RETAIL

- Retail Couponing
- Point-of-Sale Receiving



HOSPITALITY

- Hotel Invoicing
- Table Receiving

...and so much more.

TSP654II options:

CB2002 Cash Drawer

ECO black, Ultra white or standard white version for TSP654II Series



Vertical Desk Stand



Splash Proof Cover

TSP654II Series

Entry Level, 300mm/second POS Receipt Printer



- Fast single station transaction receipt printer producing receipts and tickets at 300mm/sec.
- High resolution print output 203 dpi with standard and 2D barcode support
- Energy Star Certified including PS60
- Near end sensor for horizontal and vertical use
- Ergonomic design with optional splash proof cover
- Star AutoLogo™ feature to independently add logos and coupons to receipts
- Easy “Drop-In & Print” paper loading
- User friendly, interchangeable plug-in interfaces allow for easy system upgrades
- **NEW Digital Receiving** available (see page 32)

Interface versions available:

- **TSP654II** Non Interface, available in White/Grey & **NEW Ultra White** models
- **TSP654IID** Serial, available in White/Grey
- **TSP654IIC** Parallel, available in White/Grey
- **TSP654IIE** Ethernet, available in Grey
- **TSP654IIU** USB, available in Grey
- **TSP654IIBI** Bluetooth, available in White/Grey
- **NEW TSP654II CloudPRNT** – upgrade with the new HI X Connect interface (IFBD-HI01X) or buy the dual LAN/USB printer with Star CloudPRNT technology version (see page 33)

Options available:

PS60 Power Supply, Splash Proof Cover, Vertical Desk Stand

Included in Box at purchase:

Wall Mount Kit, Power Switch Cover, Sample Paper Roll



NEWS...

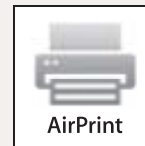
All TSP654II models will include Star PS60 Power Supply free-of-charge. (TSP654SK not included)

TSP654II AirPrint™ **NEW**

The World's 1st Apple Certified AirPrint™ POS printer

Star is proud to announce the launch of the **TSP654II AirPrint™**, the first and only 80 & 58mm receipt and ticket AirPrint POS printer certified by Apple. AirPrint is an Apple technology providing easy mobile printing solutions for Apple iPad, iPhone, iPod and MacBook users on any private network.

Star's TSP654II AirPrint Solution will provide Ethernet & WiFi use with an Apple WiFi Alliance certified dongle (EDIMAX EW-7811UN) included in the box with EU & UK power supplies.



TSP654IIBI Bluetooth

Market's First, High Performance, Entry Level iOS Compatible Bluetooth Desktop Printer with Cash Drawer Support



- Switches easily from Apple iOS Bluetooth to Android, Windows and Linux
- Out-of-the-box wireless desktop printing solution
- Apple MFi Certified – Pairs with iPad, iPhone, iPod Touch as well as all Bluetooth Devices supporting Serial Port Profile (SPP)
- AutoConnect feature will reconnect to the last iOS host after power on or out of range situation
- Compatible with major operating systems including Apple iOS, Android, Windows, Linux handheld devices allowing the user to seamlessly migrate to another operating system, if required
- Demo apps available on Google Play and iTunes stores
- Star WebPRNT Browser for direct web printing from a web page from Google Play or App Store



TSP654II HI X with CloudPRNT **NEW**

LAN / WiFi remote printing direct from your web server to any printers anywhere in the world



- Out-of-the-box CloudPRNT internet connection through WiFi or LAN with remote document printing from your web server. Perfect for restaurant aggregation, warehousing etc.
- WiFi Ready using a compatible, locally sourced USB WiFi dongle matching the customer's preference and budget
- Dual Interface USB/LAN
- Star's previous WebPRNT LAN platform independent HTML/JavaScript printing from the Web included free-of-charge, along with Star's AllReceipts Digital Receipting platform
- Peripheral Ready – no PC required for peripheral use including barcode scanners with 2 USB host ports



TSP654SK Re-Stick

The variable length alternative to traditional labelling

- The Thermal Post-It™ note solution for the POS market providing the ideal "Re-Stick" customer labelling solution for Pizzerias, Take-Out, Cafés, Promotional Couponing, Special Fast Food Orders etc.
- Reduced speed version of TSP650 designed to work with self-adhesive media. Contact Star for list of approved suppliers
- Environmentally friendly labelling with an increased percentage of labels available per roll and no wasted backing paper to dispose of



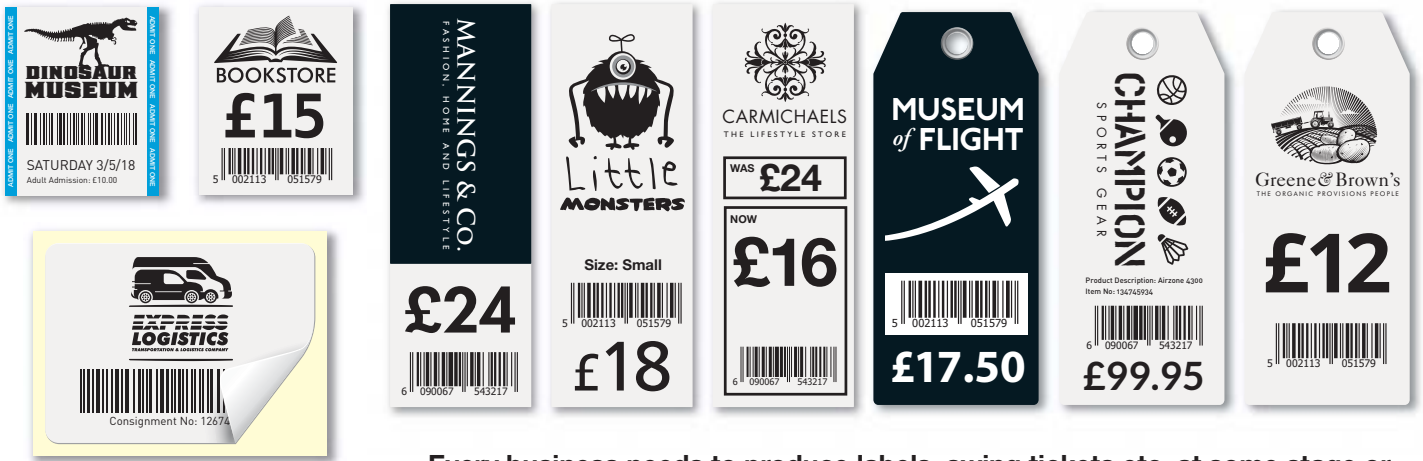
"The TSP654SK Re-Stick printer is designed to work in liner-free labelling applications."

Full specifications on pages 6 & 7 or www.Star-EMEA.com

Receipts, Labels & Ticketing for Retail

HERMAL

LABELS & TICKETING



Every business needs to produce labels, swing tickets etc. at some stage or other – BUT do you really need yet another printer with additional printer support and staff training requirements?? Star offers retailers of all sizes the opportunity to use the same printer for standard receipting as well as ‘heavyweight’ label or ticket printing – swing or otherwise!

Doesn't every printer manufacturer offer this? If not, why not? The answer is simple. The printer mechanics needed to reliably issue 2 to 3,000 tickets or labels a day is more intricate than for a standard receipt printer. Star's reliable build quality is able to offer both functions.

The other question in today's market is **mobile or desktop labelling?** Well that depends on 3 key factors – do you want to use a countertop printer to produce labels and tickets in a back office or fixed location or move around the store using tablet-based Cloud software. Again Star can **UNIQUELY** help with all environments – Bluetooth and WiFi desktop printers with large paper roll capacities as well as Bluetooth mobile printers that can print labels and tickets on the go as well as from the desktop charging cradle.

‘ALL-in-ONE’ Desktop Receipt, Ticket, Label Printers

Bluetooth, WiFi (Hi X Interface), Ethernet/LAN & traditional interface solutions



- ▶ **FVP10**
250mm/sec. 80mm front operating, “heavy” paper printer – 8cm paper roll
- ▶ **TSP743II BI**
80mm Tablet labelling and “heavy 0.15mm thick paper” ticketing – 10cm paper roll



- ▶ **TSP847II BI**
112mm Tablet labelling and “heavy 0.15mm thick paper” ticketing – 10cm paper roll

Liner-Free Labelling from MAXStick™

With a **ReStick/RePositioning** feature according to the “stick” strength you are looking for – perfect for hospitality special orders/deliveries/warehouse or library temporary labelling...you name it!
Available with TSP654SK & SM-L200/300



‘ALL-in-ONE’ Mobile Receipt, Ticket, Label Printers

with Operating and Charging Cradles

Bluetooth & WiFi (more details on pages 21-23)



- ▶ **SM-L200**
35mm/sec. 58mm mobile printer with Classic & Bluetooth 4 connectivity to multiple iOS devices – 4cm paper roll – media up to 0.12mm thick
- ▶ **SM-L300**
65mm/sec. 80mm mobile printer Classic & Bluetooth 4 connectivity to multiple iOS devices – 5.7cm paper roll – uses traditional & liner-free MAXStick re-positionable labels
- ▶ **SM-T300DW**
80mm/sec. 80mm WiFi mobile printer – 5cm paper roll



Contact Star for more details at Sales@Star-EMEA.com

Integration Tools for all of the above can be found at www.starmicronics.com/support including Woocommerce, Magento & WebPRNT Browser utilities.

FVP10 Series



The World's Only Front Operating, Under-Counter Thermal Receipt and Label Printer

- High quality 203dpi output combined with speeds of up to 250mm/second
- High reliability – (60 million lines MCBF)
- Unique front loading drawer with easy “Drop-In & Print” paper loading
- Tough and durable splash proof casing with IPX1 certification and downward angled paper exit to prevent liquid intake
- Intuitive square design provides space-saving opportunities on and below the counter
- Black mark sensor support for barcodes, receipts, labels & tickets
- 58 – 80mm fully adjustable paper widths
- Full audio capability with line-out option for external speakers
- **NEW Digital Receipting** available (see page 32)

Interfaces available:

- **FVP10U** – Built-in USB with Parallel, Serial (BD03) & Ethernet (BE07X) options
- **Star WebPRNT Printing** – “Plug-In” interface solution for simple Web printing (IFBD-BE07X)
- **NEW FVP10BI Bluetooth** version for Apple iOS, Android & Windows (MFi certified)

“Multi-Functional under-counter printer, with front operation, offering a new method of user and printer interaction with unique voice communication tool.”



Reseller & Retailer Tip:
The FVP10 features a dual interface facility with USB as standard and additional port for second plug-in options – Serial, Parallel, Ethernet, WebPRNT.



The FVP10 offers compact shelving opportunities with the Shelf mount option and power supply holder

Features like Unique Drawer Paper Loading and “Drop-In & Print” Easy Load have made the FVP10 the **“Receipt Printer of Choice”** for well-known Fast Food retailers, as well as luxury brands – contact Star for more details.

FVP10 options:

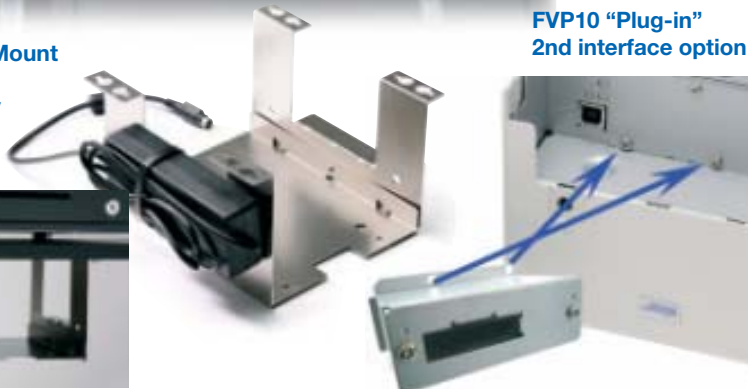


CB2002 Cash Drawer
New grey or white versions

Under Shelf Mount option with power supply holder



FVP10 “Plug-in” 2nd interface option



Full specifications on pages 6 & 7 or www.Star-EMEA.com

“Star’s intuitive design allows users to change its interface efficiently, allowing the upgrade of a POS system without the need to upgrade the printer.”

RETAIL

- Point-of-Sale Transactions
- Shelf Edge Labels/Product Labelling

HOSPITALITY

- Table-Service
- Kitchen Printing

DELIVERY LOGISTICS

- Reports
- Parts Lists
- Delivery Receipting
- Product Labelling

KIOSK

- Remote Printing

TRADITIONAL/mPOS TICKETING

- Event Ticketing
- Lottery Printing

TSP700II Series

The World’s Only High Speed **80mm** wide Barcode, Label, Receipt and Ticket Printers



Combining speed, reliability and ease-of-use, the TSP700II multifunctional 80mm printer produces high resolution graphics and barcodes for tickets, receipts and labels

- Fast single transaction receipt printer capable of producing barcodes, labels and tickets at 250mm/sec.
 - Large paper roll capacity, diameter 100mm (offering up to 60% more paper than a standard 80mm roll)
 - “Drop-In & Print” easy paper loading
 - Full or partial cut AutoCutter (centre tab) life 2 million cuts
 - Ergonomic splash resistant design with easy-clean (case) and splash proof cover available
 - Double Density (406 x 203 dpi) for high quality graphics, 1D & 2D barcodes etc.
 - Compatibility with all major operating platforms with a comprehensive suite of drivers including Microsoft WHQL certification for seamless USB integration
 - **NEW Digital Receipting** available (see page 32)
- Tablet Connectivity options:**
- **NEW CloudPRNT** “Plug-In” HI01X interface option for remote web printing anywhere (see page 33)
 - **NEW TSP743II BI Bluetooth** grey version now available with unique Auto Connect facility
- Interface versions available:**
- TSP743IID Serial Interface
 - TSP743IIC Parallel Interface
 - TSP743IIU USB Interface
 - TSP743II BI Bluetooth
 - TSP743II HI X with CloudPRNT (HI01)
 - TSP743II Non-interface version for use with low cost Ethernet (HE07)/WebPRNT (HE07X) options

TSP700II DRIVER/ADVANCED CONFIGURATION UTILITY

- The “**Image List**” allows users to name and import multiple file types without having to use an external image editing utility. This is particularly useful for single users to prepare an image (size, shade, pixel output) and then test print it to check the final quality
- **NV logo** allows users to quickly and easily download logos to the printer
- Ability to change **Memory Switches** in an easy-to-use graphical user interface
- The new built-in **Ethernet Set-up** feature avoids having to download a separate utility
- **Auto-Text Reverse** for vertical use is available from the Device settings menu in raster mode
- **Intuitive simple set-up** provides compatibility with all Star single station printers



Barcodes, labels, receipts and tickets all from one model



Accessories included in box with printer at purchase: Driver CD, Wall Mount Kits, Interface & Power Switch Covers

TSP800II Series

The World's Only High Speed **112mm** wide Barcode, Label, Receipt and Ticket Printers



Providing unique versatility and cost effectiveness, the TSP800II series is capable of printing on wider than average media up to 112mm with an automatic A4 raster driver scaling A4 images onto A6

- 180mm/second Barcode, Label, Receipt and Ticket Printer with Autocutter as standard
- Wide 4" (104mm) print width – on paper stock up to 0.15mm thick. Paper guide for 80mm paper roll printing
- Internal or External paper feed paths (external for large capacity or fanfold applications)
- "Drop-In & Print" easy paper loading
- Compact footprint with vertical "Desk Boot" and Wall Mount options – ideal for kiosk applications
- ESC/POS™ compatible in Standard and "Super Large" mode
- Automatic scalable raster driver for immediate A4 reduction to A6
- **NEW Digital Receipting** available (see page 32)

Tablet Connectivity options:

- **NEW CloudPRNT** "Plug-In" HI01X interface option for remote web printing anywhere (see page 33)
- **NEW TSP847IIBI Bluetooth** grey version now available with unique Auto Connect facility with WebPRNT Browser

Interface versions available:

- TSP847IID Serial Interface
- TSP847IIC Parallel Interface
- TSP847IIU USB Interface
- TSP847II BI Bluetooth
- TSP847II HI X with CloudPRNT (HI01)
- TSP847II Non-Interface version for use with low cost Ethernet/WebPRNT

Two in One – POS & A4 Replacement Printer

The TSP800II direct thermal printer can automatically print A4 output on 112mm wide paper simply by selecting the TSP800II scalable raster driver

Obvious advantages include:

- **Lower running costs** – TSP800II costs 90.47%* less to run than a typical laser printer
- **Compact printer footprint** – at only 180 (w) x 213 (d) x 148 (h) mm valuable desk space saved
- **Faster to first page out and faster print speed than a typical laser at 180mm/second**
- **Greener solution** – less paper wasted due to variable paper length so scaled A4 pages are not used for minimal print, less CO₂ output and power used

(*contact Star for more information on the latest statistics)

AUTOMATIC PAGE SCALING – A4 to A6

The TSP800II Scalable Raster Driver provides the ability to format a page or screen image in the same way as a standard PC printer and then print that image on 112mm wide paper up to 0.15mm thick.

All this at up to 180mm/second, without the need for additional software and zero warm-up time!



A4 automatic scalable invoice feature is now in use in the UK's largest and fastest-growing budget hotel brand, Whitbread's Premier Inn with over 650 budget hotels



"The TSP800II offers approximately **90% lower running costs than a typical A4 laser printer** offering the perfect printing alternative for end of day reporting, hotel invoicing, etc."



RETAIL

- Point-of-Sale Receipting
- End-of-Day Reporting
- Pharmaceutical Prescriptions
- Retail Coupons
- Shelf Edge Labels/Product Labelling
- Gift Certificates

HOSPITALITY

- Hotel Invoicing
- Table Receipting

DELIVERY LOGISTICS

- Delivery Invoicing
- Reports
- Product Labelling – 112mm with auto status

KIOSK

- Remote Printing

TRADITIONAL / mPOS TICKETING

- Event Ticketing
- Lottery Printing

... and so much more.



Customer success:

The printer used by hotels all over the world due to its 90% running cost reduction and CO₂ advantages compared to a laser printer – ask Star for more information.

NEW

Low cost HI X Connect interface option for TSP743II & TSP847II

Star's CloudPRNT and Digital Receipt Service technology will enable remote printing to Star printers anywhere in the world without complicated network configurations.



Full specifications on pages 6 & 7 or www.Star-EMEA.com

THERMAL

LABELS & TICKETING

KIOSK / TERMINAL

mPOS

LOGISTICS



POS Peripherals

CB2002 Cash Drawer

Cost-effective, secure cash drawer for tablet and traditional applications. **ECO black**, Star White and **NEW Ultra white** colours to match Star printers and Tablet POS systems.



CB-2002 FN Cash Drawer

- 4 flat note clips & 8 coin slots
- Driven from printer peripheral drive circuit with compulsion switch
- 3 position key lock with drawer release and large value note slot
- Options: under desk Z brackets, Lockable tray cover, Note holder bracket and divider
- 410 x 415 x 114mm / 7kg



CB-2002 options



NEW CB-2002 FN Ultra White version now available

DK-AirCash
Star's unique accessory that mobilises any Cash Drawer.



NEW mPOP Combined Bluetooth Printer & Cash Drawer

See pages 10 & 11 for details.



DK-AirCash

Star's unique accessory that enables users to open the cash drawer via their mobile device.

- Neat compact design – 154 w x 75 d x 28 h mm
- Support for traditional operating systems, including iOS, Android, OPOS, Windows etc.
- AutoConnect facility
- Drawer open status retrievable by host
- Check this has been integrated with your software



DK-AirCash SAC10E Ethernet version
DK-AirCash SAC10EBi Ethernet & Bluetooth version

NEW Make your cash drawer cable free!



SCD122 USB Powered Display

Fast easy-to-read 2 lines x 20 character display with ESC/POS™ and OPOS™ support.

- Supplied with a choice of support including stand alone base and telescopic pole
- High speed data transfer using USB 2.0 interface
- Clear, fast easy-to-read with wide viewing angle
- ESC/POS™ emulation (dip switch selectable)
- Cyrillic character support (multiple code pages)
- Blue-green vacuum fluorescent display
- Available in Charcoal grey and Star white



SCD122



The **SCD122** comes with all the support choices in the box, which includes a stand alone base and telescopic pole. There's also a CD-ROM containing the drivers, manuals and utilities.

mPOP™ Scanner & Display

DS9208 2D Scanner

The DS9208 USB presentation imager can scan virtually any barcode on a variety of surfaces, from 1D barcodes on a paper label to 2D on electronic displays on mobile phones, tablets and more.

- Scanner provides superior comfort in both hands-free and handheld scanning modes
- Contemporary design and small footprint can fit into even the most space-constrained, design-conscious checkout stands
- Cost-effective scanner for small or large retail use



SCD222 Customer Display

Star's new mini Customer Display has been designed to specifically work with Star's unique mPOP through the USB port and is available in white or black casing.

- Star SDK ver.5 or above support is available for iOS/Android software development
- Display features 2 lines of 20 characters or full graphics data via the blue back-lit, 160 x 40 pixel LCD display
- Dimensions: 141 x 79 x 60mm / 210g



DK-USB

Can also be purchased separately to "power" additional 3rd party dongles including 3G or alternative WiFi devices and can also be used to power/charge other USB devices including tablets.

Mobile Printers for Your Industry



mPOS – designed to create the ultimate, flexible mobile experience

From retail transactions to event management and logistics, our mobile printers are fulfilling receipting, ticketing and report applications for customers worldwide from Police speeding tickets in South Africa and the US to train tickets in Egypt and Italy.

Why Star? Pioneering innovation at every level!

Once again, Star is introducing new features that the retail market needs for mobile transactions which nobody else can offer. With features and technology that will enhance your customer's buying experience, Star provides a mobile POS solution that is unrivalled today.



Bluetooth 4.0 for iOS

The only two printers on the planet to feature the latest BLE / 4.0 technology are Star's **SM-L200** and **SM-L300**. 4.0 technology simplifies in-store use as pairing is not required and multiple iOS tablets can be used to produce receipts from the one printer, as opposed to the usual Bluetooth pairing rule of one printer to one tablet.

Repositionable, liner-free labelling



Retail and hospitality staff can use these labels for semi-permanent or easily-removed, special order identification. Not only are they environmentally friendly with an

increased percentage of labels available per roll, but also there is no wasted label backing paper to dispose of.

Mobile or Desktop Receipting – You can do both!

The desktop cradle option for both SM-L200 and SM-L300 means you can have the best of both worlds – move freely around the store producing high quality receipts or leave the printer in the desktop cradle and print receipts. The cradle charges the printer at the same time. A compact, neat and effective solution.

USB Charging avoids the need for large, specialised power chargers which can run from a terminal, plug or cradle option. Star's long-life batteries run printers lasting from 13 to an amazing **43 hours**, printing a receipt every 5 minutes.



PRICE!

Star provides all this at a price that will surprise you. Just check out our resellers online to see how you can benefit from these extra features and functionality without breaking the bank!





star
webPRNT



NEW

Star WebPRNT Browser for Star Bluetooth Mobile

Simplifying direct printing from the Web to Star's huge range of low cost ticket/label/kitchen/mobile Bluetooth printers as well as supporting all relevant web technologies. Full screen user interface mode available for OEM/kiosk use. Download from GooglePlay or the App Store.

WebPRNT SDKs including a demonstration page are available from Star's global support site www.starmicronics.com/support

Star Digital Receipting now available for Star Mobile printers

Star's latest SDK will allow integrators to deliver **FREE Digital Receipting** via Star's **AllReceipts App** into their software – see page 8 for more details.

WiFi

3" SM-T300DW

Rugged, 3" (80mm) Mobile Printer with Wireless compatibility

- High resolution 203 dpi and 75mm/second print speed
- Ultra rugged with IP54 dust/splash proof certification
- 1.5m drop reliability
- Maximum 11 hour battery life, printing at 5 minute intervals
- SM-T301DW with 1&2 track magnetic stripe reader version



Reseller Tip: Star offers a number of demo apps on iTunes and Google

Play which provide instant Star mobile printer functionality.

Mobile Printers for Industry a

Today's mobile workforce demands mobile printers that are light, fast and effective indoors or out; whether you are producing labels for warehousing/logistics purposes or providing an on-site receipt for faster field-service cash flow. Star's extensive range of feature-rich receipt and label printers provide the ideal solution for all your industry's mobile printing needs...

NEW



2" SM-S230i

Bluetooth Super Compact 2" (58mm) Mobile Receipt Printer with Auto Reconnect

- High resolution 203 dpi and 80mm/second print speed
- Super compact & durable design – just 114 x 80 x 44mm & weighing 217g (inc. battery) with 1.5m drop test
- Auto detect pairing with Apple iOS (MFi certified), Android, Linux & Windows devices
- Multiple LED status display for easy use
- Maximum 13 hour battery life printing at 5 minute intervals

2" SM-S220i

2" (58mm) iOS and Android Bluetooth MFi Mobile Printer with Auto Reconnect

- MFi Certified – pairs with iPad®, iPhone® and iPod Touch® as well as Bluetooth devices using SPP with Wired Serial Connection/RS-232
- High resolution 203 dpi and 80mm/second print speed
- Dual Serial Ports providing RS-232 pass through function for possible connection of Pin-Pad, NFC encoder/decoder, etc as required
- LCD display and convenient automatic sleep mode for extended battery life
- Maximum 8 hour battery life, printing at 5 minute intervals



3" SM-T300i

Rugged, 3" (80mm) iOS & Android Bluetooth MFi Printer with Auto Reconnect

- MFi Certified – pairs with iPad®, iPhone® and iPod Touch® as well as Bluetooth devices using SPP with Wired Serial Connection/RS-232
- High resolution 203 dpi and 75mm/second print speed
- Rubberised design with IP54 dust/splash proof certificate
- 1.5m drop reliability
- Maximum 13 hour battery life, printing at 5 minute intervals
- SM-T301i with 1&2 track magnetic stripe reader version



4" SM-T400i with Label Facility

Durable, 4" (112mm) iOS & Android Bluetooth MFi Mobile Printer with Auto Reconnect

- MFi Certified – pairs with iPad®, iPhone® and iPod Touch® as well as Bluetooth devices using SPP with Wired Serial Connection/RS-232
- High resolution 203 dpi and 80mm/second print speed
- Rugged design with IP54 dust/splash proof certificate
- 1.5m drop reliability
- Maximum 24 hour battery life printing at 5 minute intervals
- SM-T404i with 1,2&3 track magnetic stripe reader version



Star's unique and innovative approach is demonstrated by its latest SM-L printers offering traditional Classic Bluetooth connectivity as well as Bluetooth 4.0 (Bluetooth Smart/BLE). BLE breaks all the normal "one-to-one" Bluetooth rules and can communicate with multiple iOS devices (no Pin required). **Perfect for environments where multiple iOS tablets are needed, but just one printer.**

• Please note Android and Windows will only connect via traditional Bluetooth 2/3



NEW



58mm SM-L200 Traditional & Liner-Free Label/Receipt Printer

Compact, Bluetooth Classic & Smart, Low Cost 2" (58mm) BT/BLE

- High resolution 203 dpi and 35mm/second print speed
- Super compact design just 122 x 83 x 44mm & weighing 220g with the battery
- Simple, no pin required auto pairing with Bluetooth 4.0 devices including Apple iOS, Android, Linux & Windows
- Bluetooth 4.0 allows the use of multiple iOS tablets as opposed to the traditional one-to-one
- OLED display and 13 hour battery life
- Desk dock cradle charger & in-vehicle mount options



SM-L200/SM-L300 options

SM-L200/300 5V Desktop Cradle Chargers

- Convenient presentation angle for in-cradle receipt or label printing while charging with printer
- USB charging cable included (charge from existing system or add power adaptor)
- SM-L200: 116 w x 94 d x 80 h mm
SM-L300: 135.65 w x 140.78 d x 85.6 h mm



NEW

80mm SM-L300 Traditional & Liner-Free Label/Receipt Printer

Super Compact, Bluetooth Classic & Smart, Low Cost 3" (80mm) BT/BLE

- High resolution 203 dpi and 65mm/second print speed
- Traditional 40 - 80mm Label support with Black Mark & transmissive sensors
- MAXStick™ ReStick style, liner-free label support
- **Unprecedented 41 hour battery life!**
- High contrast OLED Display for improved visibility of printer status
- Unique "flat", decurl paper feature
- Unique micro USB charging 5V desktop cradle charger
- Super compact design just 119 x 146 x 69 mm / 540g
- Simple, no pin required auto pairing with multiple iOS devices



NEW



LOGISTICS

- Delivery Confirmation
- Reporting & Vehicle Invoicing

RETAIL

- Point-of-Sale Receipting
- Stock Checker & Retail Couponing

HOSPITALITY

- Event Ticketing & Table Receipting

Labelling for all Environments...

What size do you need?

Star's high quality printers offer a variety of print widths – 32mm to 104mm – **BUT DON'T FORGET**, Star's mobile printers can print high quality graphics, text and barcodes in landscape or portrait format, allowing you to print the label length you need or smaller labels in a two label per row format.

For more information about labelling with our mobile printer range, please contact Star at support@star-emea.com

Compact, lightweight printers for so many labelling environments:

- ▶ Shelf Edge labels
 - ▶ Food labelling
 - ▶ Logistics
 - ▶ Pricing & Barcodes
 - ▶ Swing Tickets
- ...you name it!!



40/48mm

80mm

104mm print width (landscape label/ticket)

Liner-Free Labelling from MAXStick™

With a ReStick/RePositioning feature according to the "stick" strength you are looking for – perfect for hospitality special orders/deliveries/warehouse or library temporary labelling...you name it!



Full specifications on page 9 or www.Star-EMEA.com

“Star lottery and ticket printers offer the speed, reliability and specialist features needed for any ticketing solution.”



TICKETING AND LOTTERY

- Lottery Application
- Event Ticketing

LOGISTICS

- Warehouse Picking

HOSPITALITY

- Kitchen Printing



Customer success:
Sold to the Lottery Market worldwide, the TSP1000 printed tickets across the US for the world's largest lottery stake in history in 2012.

Full specifications on page 8
or www.Star-EMEA.com

The World's most successful Lottery Printers

From the US to sunny South Africa, Star Micronics has been proudly supplying tens of thousands of printing solutions for the world's largest lottery installations for more than three decades.

The TSP700 was the first printer to be used worldwide, followed by the TSP1000 and now TSP-L10 where all of Star's experience has created a lottery super-printer taking into account the industry's needs!

Security addressed at every level

from the 203 x 203 dpi high quality output with 16 levels of grey scale to the 203 dpi internal ticket scanner with 256 grey scan levels for verification and journaling of all output if required.

Customer software can be set up to read the ticket barcode whilst printing so tickets can be immediately voided before print completion, providing confidence for all lottery operators. The Scanner can also analyse and check that the correct paper stock is being used from the large 20cm outside diameter, internal paper roll.



TSP1000 Series

Versatile Low Cost Thermal Printer with Receipt / Ticket Stacker and 18cm Paper Roll



Low cost and highly reliable, the TSP1000 Series offers high capacity ticket and lottery printing

- High speed output – up to 180mm per second
- “Drop-In & Print”, easy paper load
- Large paper roll capacity (up to 180mm diameter) with adjustable paper low sensor
- Ticket stacker fitted as standard (up to 30 tickets) with fitted sensor for software driven multiple or single print outs
- Multiple paper width (45 – 82.5mm adjustable)
- Guillotine cutter
- Variable position, high quality black mark sensor

Interface versions available:

- TSP1043D Serial Interface
- TSP1043C Parallel Interface
- TSP1043U USB Print Interface
- TSP1043 No Interface

TSP-L10 Series

High Performance Printer for Secure Transactions including Coupon, Lottery & Ticketing with Internal Verification Scanner Option and 100 Ticket Stacker



The TSP-L10 is the latest Specialist printer to confirm Star's market-leading position within the lottery printer market. Designed for Linux, the specialist features detailed below can all be integrated using an advanced, high security, custom API from Star

- High speed printing performance with high resolution 203 dpi output and 16 shade Greyscale for accurate image printing
- Compact design with easy load 200mm diameter paper roll and ticket stacker for up to 100 printed receipts/tickets
- Internal scanner for real-time ticket verification or complete/partial journal
- High reliability, print head dot check and cutter damage prevention
- Host terminal barcoding for all types of barcode
- Star graphic mode emulation controlled by custom Star API
- Energy Star certified

TSP-L10 low power consumption mode with dual USB and Ethernet interfaces and USB host

TSP-L11 with internal ticket scanner for verification/journaling

Interface versions available:

- **TSP-L10UE** 24V DC Grey USB/Ethernet without internal Ticket Scanner
- **TSP-L11UE** 24V DC Grey USB/Ethernet with internal Ticket Scanner



Customer success:
Star's domination of the world's lottery market for the past two decades has enabled Star to design the world's best lottery printer on the market today.

TICKETING / LOTTERY

- Lottery Applications
- High Sale Ticketing

RETAIL

- High Volume Point-of-Sale
- Customer Loyalty Couponing

WAREHOUSE / LOGISTICS

- Product Picking
- Invoicing



Reseller & Retailer Tip:
The TSP-L10's unique 20cm high capacity paper roll allows for longer unattended ticketing and is ideal for high volume lottery sales.

Full specifications on page 8
or www.Star-EMEA.com

**HOSPITALITY**

- Hotel Invoicing
- Restaurant Receipting

RETAIL

- Point-of-Sale

PHARMACY

- Prescription Receipting

**Customer Success:**

The SP298 is the fastest slip printer on the market, offering 9-pin quality and unique form Autoside Loading™ for many applications worldwide.

SP298 – full specifications on page 6 or www.Star-EMEA.com

**RETAIL**

- Point-of-Sale
- Coupon Redemption
- Cheque Printing

HOSPITALITY

- Hotel Invoicing
- Restaurant Receipting

TICKETING**Reseller & Retailer Tip:**

Combining high speed 203 dpi and 9-pin high quality resolution, the HSP7000 completes transactions quickly and efficiently.

HSP7000 – full specifications on page 6 or www.Star-EMEA.com

SP298 Series

The World's Fastest Slip Printer with Unique 9-Pin Printing



Compact, robust and reliable, the SP298 Series with its unique Autoside Loading™ is ideal for printing cut sheet media such as pre-printed company branded multi part receipts or forms

- Rugged bi-directional printer capable of graphics using a highly reliable 9-pin print head
- High reliability with helix head drive 9 million lines MCBF
- Up to 3.1 lines per second with bi-directional cheque mode
- Unique Autoside Loading™ making document loading quick, easy and reliable
- Ribbons: RC200B Black, RC200D Laundry
- Power supply: Star PS60 option (24V)
- Copy Capability: Original + two copies
- Paper Width/Length: up to 182mm/80 to 257mm
- Margin Top/Bottom: 5/14mm
- Print Width: 63mm
- Dimensions/Weight: 180 (w) x 190 (d) x 138.5 (h) mm / 2.1kg

Interface versions available:

- **SP298 MD** Serial Version
- **SP298 MC** Parallel Version

HSP7000 Series

High speed, 203dpi Thermal / Matrix 2 Station Hybrid Printer



Incorporating a high quality thermal printing mechanism, the HSP7000 Series offers high performance print resolution and superior print speed creating the perfect POS printer for printing cheques and receipts

- High speed 250mm/second thermal receipt printer, combined with high speed 9-pin matrix cheque/validation printer
- "Drop-In & Print", easy paper loading
- High resolution 203dpi output for fast, superior quality logo/barcode receipt output
- Auto status back for paper loading, sensor reporting etc
- Easy-to-use AutoLogo™ feature to independently add logos and coupons to receipts
- Ribbon: RC-7KB Black
- Power supply: Star PS60 option (24V)
- Dimensions/Weight: 186 (w) x 296 (d) x 177 (h) mm / 4.6kg

Models available:

- **HSP7543** Hybrid Combination without MICR (Non-Interface & USB versions)
- **HSP7643** Hybrid Combination with top position MICR (Non-Interface version)
- **HSP7743** Hybrid Combination with bottom position MICR (USB, Serial, Parallel & Non-Interface versions)

Interface options:

- Serial HD04, 9-pin Serial HN04, Parallel HC04, USB HU06, LAN HE08 with WiFi Power Pack option

(MICR = Magnetic Ink Character Recognition, used in cheque-reading devices)

SP700 Series

Advanced, High Speed, **Red & Black Printing**, Clamshell™ Receipt Printer




One of the few matrix printers on the market to offer high speed 2 colour receipt printing

- High speed, 9-pin quality matrix printer – up to 8.9 lps
- 76mm default paper width
- “Drop-In & Print”, easy paper and ribbon loading
- Splash resistant design with easy-clean curves for robust kitchen/bar use
- Internal power supply with universal cable included at purchase
- Graphic Management/Logo Store Driver Tools
- Star platform agnostic WebPRNT “Plug-in” interface option available (see page 14)
- Wall mount/desk boot option available
- Dimensions: 160 (w) x 245 (d) x 152 (h) mm

Models available:

- **SP712** Tear Bar Printer
- **SP742** Autocutter Printer
- **SP712R/742R** Rewind versions

 **NEW SP742BI Bluetooth** grey version now available with unique Auto Connect facility and Star WebPRNT browser App from GooglePlay or App Store

Interface versions available:

- **NEW CloudPRNT** “Plug-In” HI02X interface option for remote web printing anywhere
- Serial HD04, 9-Pin Serial HN04, Parallel HC04, USB HU06, LAN with optional WiFi Power Pack HE08, WebPRNT HE08X and non-interface version

DP8340 Series

Unique 114mm wide report, receipt & data printer available for 12V or 24V usage in mobile, rugged or unattended environments



- Reliable 2 lines per second budget entry level printer with tear bar (MCBF 10 million lines)
- Compact receipt/label/data output solution 202 (w) x 200 (d) x 98 (h) mm (w/o paper holder). Weight approx. 1.9kg
- Reliable
- Black and Red printing
- Separate 230V AC power supply with 12V DC output
- In-vehicle power cable & wall mount options available

Versions available:

- **DP8340FD** Serial Friction, Black/Red
- **DP8340FC** Parallel Friction, Black/Red
- **DP8340SD** Serial Sprocket, Black/Red
- **DP8340SC** Parallel Sprocket, Black/Red



HOSPITALITY

- Restaurant Receipting
- Hotel Invoicing

RETAIL

- Point-of-Sale Receipting



Reseller & Retailer Tip:
The SP700 Series requires the following ribbons:

SP700 Options:

- **RC700B** Black Ribbon
- **RC700D** Laundry Ribbon
- **RC700BR** Red & Black Coloured Ribbon

SP700 – full specifications on page 6 or www.Star-EMEA.com



RECEIPTS

RECORDS

- Data logging
- Measuring equipment

MOBILE PRINTING

- 12 volt applications

LABEL PRINTING

- Sprocket version



DP8340 Reseller Tip:

Ink Ribbons needed include Red/Black

SF-03BR (800k Black/400k Red character life) or Black **SF-03B** (800k character life).

Note: two versions using either 4.5" / 114.3mm wide (0.09mm thick) sprocket fanfold or roll paper (outside roll diameter 80mm).

DP8340 – full specifications at www.Star-EMEA.com



Kiosk Printing Solutions

Known throughout the industry for its high quality range of kiosk printing solutions, retailers, hospitaliers and ticketing companies alike are moving to Star Kiosk Printers. With decades of specialist knowledge, Star is proud to boast the largest range of kiosk printers offering durability, versatility and specialist options designed specifically for the kiosk market.



Star Innovation

- ▶ **Remote Firmware Update Capability**
All of Star's latest thermal printers can be sent firmware updates remotely saving our customers time and money. Contact Support@Star-EMEA.com for more information.
- ▶ **Actual Print Verification/Status**
This is another hot topic which Star is happy to solve with their customers' system set-ups. The Star printer solution is able to provide accurate status reports that verify whether a ticket has actually been printed, taken or retracted, giving peace of mind all round.
- ▶ **Star Operating Platform Support**
It is well known that Star Micronics Drivers are the best in the industry due to the consistent investment, expertise and relationships developed with industry

giants such as Microsoft, Apple including iOS and the UPOS committee. Not only do Star's sophisticated drivers support industry standards from Windows to Linux and MacOS, but Star is also prepared to supply SDKs and source code for those kiosk builders who prefer to communicate directly with the printer's port thus providing flexibility at all levels.



Star Success
Customers around the world include:
Premier Inn, Sun International, Coop Switzerland, P&O Ferries, Subway, Eurotunnel to name just a few.



TSP800II



TSP700II



FVP10



Sanei SK1-V21

NEW Flashing paper Exit Guide options now available for TSP700II, TSP800II, TUP500, TUP900 and Sanei printers

The Star Difference

Star's specialist in-house OEM team has the technical knowledge and experience required to assist customers with every aspect of printer integration from customised printing solutions within restricted timescales to a vast range of

operating platform drivers. Star has successfully installed specialist printing solutions into some of the world's largest kiosk applications including Government Projects, Internet Stations, Endless Aisle, Mobile Phone Top-Up, Browse and Order

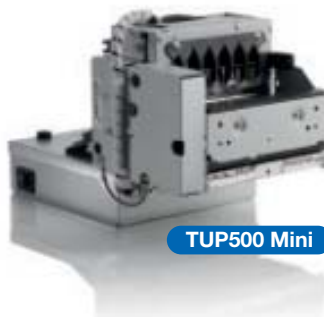
Hubs, In-Store Loyalty applications, Parking and Access Control Ticketing, Customer Interaction Points and Information Kiosks.



TUP900
without Presenter



TUP500
with Presenter



TUP500 Mini



TUP500DP

Star's Secret to Success

Star's success in the Kiosk market is the result of years of research and development to meet the exacting demands of our customers throughout the world. As a result, we can now offer the world's largest portfolio of encased, open frame modular, thermal and matrix kiosk printing solutions.

Star's open frame printers are the perfect solution for those more sophisticated unattended applications while kiosk builders have a wide choice of encased printers for simpler kiosk design. These

are easier to adapt to meet customer's requirements from a design perspective. Many kiosks are now an extension of the customer's original retail solution and, as such, benefit from the POS printer experience and specialist features included within the Star range.

The same can be said for the majority of UK cinemas today, which benefit from the speed, low cost and easy maintenance of the Star TSP700II encased printer, as do other kiosk customers in Nigeria, Germany, South

Africa, Scandinavia and the US, to name just a few countries serviced by Star Micronics. Any of Star's reliable packaged & open frame kiosk printers can be integrated depending on the application – from 80mm tickets and labels to 112mm wide receipting.

Star's experience with installations around the world is virtually endless and all customers can and should take advantage of the hardware and software support available.

Save paper and money with Star's A4 to A6 Automatic Scaling Tool

The **Automatic A4 to Virtual A6 Scalable Tool** developed by Star, allows printers to scale down everything that is displayed on a screen with exacting precision. Whether using a standard 80mm wide paper or 112mm wide paper, the documents created will be printed exactly as they are displayed. This is ideal for printing from any application that is designed only for A4 printers.



Introducing the Sanei Electric SK1 Series from Star (see page 30)



SK1-21/211



SK1-31/311



SK1-32



SK1-41

“Star Micronics is very happy to introduce Sanei’s entry-level, compact, open frame printers which complete the Star range to include printing solutions for limited space enclosures.”



RETAIL

- Vending Machines
- Cash Machines
- Product Locations

HOSPITALITY

- Hotel Check-in
- Event Ticketing

TICKETING

- Car Parks

WAREHOUSE / LOGISTICS

- Product Picking
- Logistics

Sanei SK1 Series

Entry-level, Super-Compact, Open Frame Printers

Star Micronics is now stocking Sanei’s wide range of 1D and 2D barcode, ticket, receipt and label compact kiosk mechanisms which complete the Star range with printing solutions for limited space enclosures.



NEW

SK1-21-H & SK1-31-H 12 volt / 2" & 3"

Printers that can be powered by solar panels for remote kiosks without access to power etc.



Flashing Paper Exit guide

Models available:

SK1-21/211/22 Series 58/60mm

- SK1-21A/211 – Printer only
- SK1-21A/211-LQP – Printer with presenter
- SK1-22 – Clamshell style “Drop-In & Print”
 - SK1-21: 200mm/sec. print speed
 - SK1-211: 250mm/sec. print speed
 - Mechanism dimensions / Weight: 104 (w) x 129.2 (d) x 73.6 (h) mm / 525g

SK1-31/311/32 Series

54/56/72/80mm

- SK1-31A/311 – Printer only
- SK1-31A/311-LQP – Printer with presenter
- SK1-32 – Clamshell style “Drop-In & Print”
 - SK1-31: 200mm/sec. print speed
 - SK1-311: 250mm/sec. print speed
 - Mechanism dimensions / Weight: 128 (w) x 174.5 (d) x 74.2 (h) mm / 730g

SK1-41 Series 80/83/112mm

- SK1-41A-L – Printer only with Label support
- SK1-41A-LQP – Printer with presenter
 - 150mm/sec. print speed
 - Mechanism dimensions / Weight: 160.9 (w) x 143.1 (d) x 76.3 (h) mm / 885g

Options:

- **LB-SK1:** SK1-211/311 LED Bezel (mount bracket needed for LQP presenter version)
- **BZ-SK-2:** Bezel/Snout SK1-21 Series
- **BZ-SK-1:** Bezel/Snout SK1-31 Series
- **PS60:** PSU for SK1-21/SK1-31/SK1-32
- **CB-SK1-D3:** Power Cable required for PS60
- **SA1-3A240:** PSU for SK1-41 Series (power lead not supplied)
- **PR-SK1:** Presenter for SK1-21 & SK1-31
- **HL02:** Paper Extension Arm SK1-21, SK1-31
- **HL03:** Paper Extension Arm SK1-41

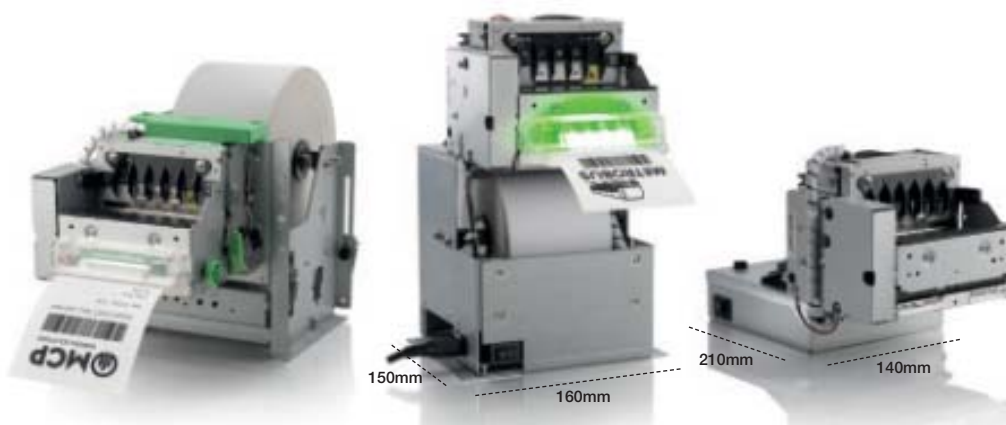
- Low profile and ultra lightweight, designed for a wide variety of kiosk systems
- Fast, high quality 203dpi output at print speeds up to 200mm/second (2" & 3" models) 150mm/second (4" model) with 2D barcode capability
- Versatile operating environment (-20 to +60 degrees)
- Up to 120mm paper roll (outside diameter) as standard with 254mm large paper roll option. SK1-32: 83mm OD Roll only. 12mm core standard with 25.4mm also available on L models with paper thickness from 0.060 to 0.15mm on SK1-21 & SK1-31 models. Up to 0.12mm on SK1-41 models. Note paper weight reduced with presenter use – see specs on page 8
- Dual interface USB and serial fixed interfaces as standard
- Auto load and manual “flip top” paper loading with retract/document capture feature and spring loaded paper roll holders to allow the kiosk builder to consider the simpler choice of operating access
- Sanei drivers are not as extensive as Star’s range of drivers, so please check the range of drivers available directly from **Support@Star-EMEA.com**
Please note these drivers are not listed on the Star Global Support website **www.StarMicronics.com/support**

Full specifications on page 8
or www.Star-EMEA.com

TUP500 Series

High Speed 220mm/second Kiosk Printing Solution available in Modular or Open Frame Formats

- High speeds of up to 220mm/second (with standard 15cm paper roll) and a default speed of 180mm/second using the optional 25cm paper roll holder
 - Adjustable 45 – 82.5mm paper width functionality with self centring width adjuster
 - Barcodes, receipts, tickets, labels (TUP542) etc, all printed on media from 0.065mm to 0.15mm thick for different applications
- Interface options:**
USB HU07, LAN HE07, Serial HD03, Parallel HC03



TUP500 and TUP900 open frame and mechanism options:

- Paper exit guide/snout with flashing LEDs
- 25cm paper roll holder (15cm standard). Max. capacity 18cm when mounted below printer
- PS60 power supply
- Large roll Damper Unit
- All models supplied without interface with optional USB, Ethernet with “print on disconnection” feature (TUP500 only), alongside traditional interface options

“High speed and cost effective, the TUP500 is ideal as a fast, reliable receipt or ticket printer for kiosk environments.”



TUP500
Programmable
LED Flashing
Paper Exit
Guide



Reseller & Retailer Tip:

Our technical team are some of the most experienced in the business. Feel free to talk to them about your project and see if we can meet your individual customer requirements.

TUP900 Series

80-112mm Wide (A4 Replacement) Open Frame / Modular Kiosk Printing Solution

- 150mm/second high quality thermal barcode, label, receipt, ticket and A4 kiosk printing solution for 80 – 112mm formats up to 0.15mm thick
- A4 to A6 automatic scalable raster driver for reduced, cost-saving A4 to Internet output on 112mm wide paper
- Easy paper loading and multi-position adjustable near end paper sensor with 80cm of cable for use with the high capacity paper roll supply option
- Adjustable horizontal or vertical mounted control panel with extended cable lengths for integration flexibility
- Easy-load – simply lift and tilt the mechanism forward and insert the paper for automatic paper loading

Interface options:
Serial HD04, Parallel HC04, USB HU08



“Offering cost efficient thermal printing, the TUP900 is designed especially for kiosk or unattended printing applications producing fast and reliable wide format tickets and receipts.”

Models available:

- **TUP592 & TUP992**
Open frame with moveable control panel and paper near end sensors via extended cables
- **TUP542 & TUP942**
Non presenter version for labels
- **TUP500DP**
Chassis option provides a more compact printer taking up to 25% less space with 10cm diameter paper roll
- **TUP500DP Mini**
Compact printer with external paper handling

Full specifications on page 8
or www.Star-EMEA.com

NEW

“Star’s ever expanding **FREE DIGITAL RECEIPTING SERVICE** uses the Cloud and AllReceipts™ mobile App to bridge the gap between the retailer & shopper.”



Digital Receipt Service

from  **STAR CLOUD SERVICES**

The NEW, FAST & LOW COST ROUTE to DIGITAL RECEIPTING for Retailers

Star Digital Receipt Service is FREE-OF-CHARGE, simple to install and works “above” the retailer’s software. All you need is a Star printer linked to the internet to send an image of the receipt and coupon to the **AllReceipts App** on your customer’s phone – *no email address required!*



Star Digital Receipt Service

is available on Star counter top thermal receipt & mobile printers.

- TSP100 using *futurePRNT* driver for Windows
- TSP654II, 743II, 847II, FVP10 Series via Windows StarPRNT Intelligence driver
- mPOS iOS & Android available within the Star SDK for Star Developers for counter top printers as above and Star’s mobile printer range.

All drivers available at:

www.starmicronics.com/support

Check with Star for latest list of software integrators.

Valuable Promotional & Cloud based Reporting Tools for Retailers

have also been included, plus:

- ▶ **NEW Receipt Flip Tool** providing the opportunity to upload four colour promotions/ images/terms and conditions to the customer’s smartphone as normally available on the reverse side of a receipt except the retailer can now change these images as and when required without cost.
- ▶ **NEW Engage NOW Tool** allowing retailers to communicate with customers despite the anonymity advantages. Retailers can link their logo on the **AllReceipts App** on the customer’s smart phone dynamically to their choice of web page for further customer interaction – welcome discounts, promotions etc., changeable as and when required.
- ▶ **Star’s Device Management Tool** provides real time status across the installed base of printers including different locations with refreshed error status notification on a comprehensive cloud based dashboard.
- ▶ **“Instant” Customer Satisfaction Survey** which the customer completes while “claiming” the receipt.
- ▶ **Increased Coupon Redemption** customers will no longer have to remember receipts and will be grateful you have made the coupon so simple to use, including checking redemption dates.
- ▶ Introducing Star’s **NEW PromoPRNT & PromoMAKER** providing retailers with the tools to create and add promotions to printed receipts without affecting their current POS software set-up using Star’s **PromoMANAGER** to upload & schedule the designed coupons.
- ▶ **Zero development** is needed as all of the above is enabled within the Star printer driver and is triggered by printing a traditional receipt. Working independently of a retailer’s existing POS software, it automatically generates and securely sends an image of the receipt, coupon, full colour **flip** image & **Engage Now** URL (where relevant) to the cloud until claimed.

DEVICE MANAGEMENT		
+ New Device		user_name ▾
Name	Identifier	Status
Printer 1	000780676E6F	Printer Ready
Printer 2	00078078B6A3	Offline



PROMO PRNT



AllReceipts App



Available NOW!

Contact Star for more details at Sales@Star-EMEA.com

Star’s Digital Receipt Service is subject to local country legislative requirements and is available in English, Finnish, French, German, Portuguese & Spanish for Europe, South Africa, South & North America.

NEW star cloudPRNT

The World's largest Range of 'Remote' Cloud Printers



TSP654II



TSP743II



TSP847II



SP742

Star HI X Printers for 80 and 112mm wide receipting, labelling, ticketing and red/black matrix kitchen printing from the Cloud.

Intelligent printing for modern Cloud retail, logistics and hospitality.

Introducing Star's **NEW HI X Printers** and **Interface upgrade option** with **Cloud connectivity** at every level, including Star's new **CloudPRNT** technology for remote printing directly from your web server to Star 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 with web based applications to local network included free-of-charge (previous HE07/8 versions needed a licence)
- ▶ **Peripheral Ready** no PC required peripheral use including scanners & displays 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**
The high-speed, two colour **SP700 Matrix**

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

"NEW plug-in CloudPRNT interface enabling multi-platform remote Web printing with Star's Digital Receipting Service & AllReceipts App."



LOGISTICS

- Web-Based Labelling for Couriers

RETAIL

- Queue Busting
- Stock Checker
- Mobile Receipting
- Cloud-Based POS

HOSPITALITY

- Cloud-Based Hotel Check-In Applications
- Web-based Ticketing
- Cable Free Kitchen Printing

– and so much more.



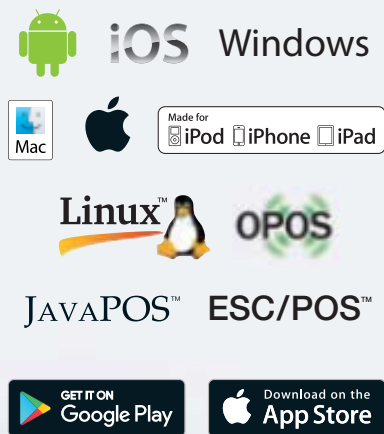
HI X Interface option



Reseller Tip:

Low cost, easy & simple to use! Retailers can install multiple platforms according to system requirements and expect the same outstanding results.

Star Integration & Developer Tools



We're Here To Help Every Step Of The Way

The Traditional POS and Tablet POS software world is becoming simpler with many developers expecting more complex hardware integration tools to simplify and reduce development costs. Star has risen to this challenge with multiple OS tools for both the traditional and more mobile POS environments.

These are just a few of the 'well-documented' tools available from www.starmicronics.com/support and support@star-emea.com and we welcome any questions by phone or email. In fact why not use us for a more consultative approach as our experience is hard-earned from helping retailers and integrators of all sizes from around the world.

Star Drivers

Star offers extensive free-to-download drivers from www.starmicronics.com/support See our connectivity pages 4 & 5 to find out more about our printer compatibility.

StarIO & SDKs

Star's outstanding Software Development Support is unrivalled and is the key reason why Star printers have been integrated into such a wide variety of POS Software solutions worldwide. Star's multi-product API forms part of Star's iOS™, Android™, Windows™ and Linux™ based SDKs which are vital and valued by Software Houses all over the world wanting to take advantage of Star's feature-rich range of products. Each StarIO based SDK package has extensively documented source code and informative explanation manuals.

A demo package is also included to demonstrate how to implement advanced functionality and customise print outs. This, together with the backup of Star's experienced support team, allows simpler integration of platform-specific applications with Star products.

Traditional Resident POS Software				Web based POS Software	
POS Software				star cloudPRNT Hardware Solution Plug-in interface	star webPRNT Browser Available from GET IT ON Google Play Download on the App Store
Star Page Mode Port Discovery JavaPOS Star SDK Star Line Star Mobile Star Raster Mode				HI X Connect IFBD-HI01X: TSP600II/700II/800II IFBD-HI02X: SP700	Star WebPRNT Browser All Star Desk / Counter & Bluetooth Models Star Thermal Printers with USB/LAN interfaces
StarPRNT/StarIO				TSP654II TSP700II TSP800II SP700	Mobile SM-L200/300 SM-S220i/230i SM-T300i/DW/400i All Bluetooth Models Star Thermal Printers with USB/LAN interfaces
TSP100	Bluetooth	SM-T301	TSP-L10		

FREE Star Mobile SDKs including ProxiPRNT Beacon Technology

Star offers helpful SDK applications on Google Play and App Store that enable a variety of customisable samples and functionalities including the ability to change the Bluetooth device name for easy pairing, along with proximity based printing and cash drawer support, for increased mPOS security.

Name	Description	Stores
StarPRNT SDK	Enabling users to test a wide variety of functionality within customisable samples for Star Cash Drawers, Desktop and Mobile Printers	App Store
		Google Play



www.StarVIP.Club for Star Developers and Software Houses

The **Star VIP Club** for software developers and system integrators offers a range of exclusive benefits including dedicated sales, marketing and technical. Members can also take part in competitions, receive rewards and incentives as well as benefit from a number of additional initiatives. Membership level is allocated based upon pre-determined criteria set out by Star Micronics EMEA. **Just sign up at www.StarVIP.Club today!**



Star's new **CloudPRNT** technology allows remote printing directly and securely from your web server to printers anywhere in the world without complicated network configurations – perfect for restaurant aggregation etc. Just purchase an **HI X Printer** or upgrade your current Star direct thermal **TSP654II**, **TSP743II**, **TSP847II** or matrix **SP700** and **YOUR** Cloud services will take control.

Star's new **CloudPRNT** technology allows remote printing directly and securely from your web server to printers anywhere in the world without complicated network



NEW StarPRNT SDK

Supports all popular Star product categories in one SDK

Including thermal printers, kitchen printers, portable printers, mPOP, kiosk printers and AllReceipts as well as support for “emulation free” development under Windows, Android & iOS (including Swift & Objective-C support) for Star printers. Star supports both “rich sample codes” for flexible application development and “new API” for easier application development.

Xamarin Multi-platform Xamarin SDK available

WooCommerce WooCommerce remote printing plug-in available

Magento Magento support on request



Star offer **PassPRNT** & **WebPRNT** technologies for integration by the web developer with Star mobile and desktop printers via **Bluetooth**, **LAN/WLAN** or **USB** printer.

This enables direct printing for iOS and Android clients from a compatible web based application with no native app development required.



FileMaker

Safari Chrome



NEW Digital Receipt Service

STAR CLOUD SERVICES

Star's **Digital Receipting Service** from Star Cloud Services with the customer AllReceipts App works without integration on Windows 7, 8 & 10 for Star's TSP100, 650, 743II, 847II, FVP10 counter top & mobile printers or by using the new **HI X Connect interface** (for TSP654II, 743II, 847II) with the Digital Receipting Service automatically integrated for any platform. iOS and Android applications can use Star Cloud Services SDKs available from www.starmicronics.com/support



Proximity Based Printing & Secure Cash Management for mPOS

Using BLE beacons integrated with

StarIO Printer and Cash Drawer support API or SDK to provide remote tablet access to Star printers and cash drawers. Once integrated with the Star receipt printer or cash drawer, Star's ProxiPRNT will enable the sales assistant to automatically select and print to the closest printer as well as ensure that a cash drawer can only be opened wirelessly if the sales assistant is standing right next to it.

- Threshold distances can be set as required
- Supports Star & compatible cash drawers fitted with DK-AirCash
- Full Star IO and SDK support





Telephone +44 (0) 1494 471111 or visit our websites at:

www.Star-EMEA.com · www.Star-MEast.com · www.Star-POSIndia.com

www.Star-Russia.com · www.Star-POSAfrica.com

Global Support: www.StarMicronics.com/support

Fax: +44 (0) 1494 473333 · Email: sales@Star-EMEA.com · Technical Support: support@Star-EMEA.com

All other trademarks, where used, are acknowledged. In accordance with Star's policy of continual product development, Star Micronics Europe Limited reserve the right to change or amend the specification and price of its products from time to time without prior notice.

"Made for iPod", "Made for iPhone" and "Made for iPad" mean that an electronic accessory has been designed to connect specifically to iPod, iPhone and iPad respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. iPod is a trademark of Apple Inc., registered in the U.S. and other countries. iPod touch is a trademark of Apple Inc. iPhone is a trademark of Apple Inc. iPad is a trademark of Apple Inc.

2018/UK1

New product information can be found at:

www.futurePRNT.com · www.mPOP.com

star 