



POS Printing Solutions

MPOS • RETAIL • RECEIPTS • HOSPITALITY • LABELS • KIOSK • TICKETS

NEW WebPRNT &
Bluetooth products

star

THE 2014/2015 COLLECTION



Introduction

Yet again Star has shown why it is one of the world's largest POS printer manufacturers with the introduction of 20 plus new printing products to its growing portfolio of innovative solutions for a wide variety of applications. With over thirty years of manufacturing expertise and a highly-skilled R+D department, Star has not only developed POS solutions which offer high performance and reliability, but has innovated and created unique POS peripheral solutions for the newly emerged mPOS world.

From developing highly connective printing solutions for minimalistic store designs to creating the industry's first interactive communication platform, the AsuraCPRNT™ combines the company's expertise in printing with peripheral management and is changing the face of customer engagement environments.

Star has shown it doesn't follow the market – it leads!

Star's product philosophy is to give the customer the right choice of products to meet their requirements, offering the widest range of POS printing solutions available today, and the TSP100 and new mPOS products firmly underlines that philosophy.

What's New...

After extensively researching the needs of its users worldwide, Star has made a number of exciting announcements reflecting the new direction the company is taking.

■ Introducing the Future of POS – AsuraCPRNT™

The World's first Interactive Communication Platform and Printer is a multifunction device offering a powerful CPU processor, "intelligent" printer as well as a 7" touch screen; optional combined QR/Barcode scanner and NFC and Magnetic Stripe Readers for use as a standalone computer/terminal or server to drive application and web content.



■ Connectivity for Traditional and mPOS as well as Kiosk and Cloud based Software Applications

Star prides itself on offering the greatest level of connectivity on the market, from traditional wired connections including Serial, Parallel, USB and LAN to wireless printing connections including Bluetooth for Apple iOS/Android devices with the TSP654IIBTi, the World's 1st Bluetooth Desktop printer. Alongside 2", 3" & 4" Bluetooth and WiFi mobile printers which can all print directly from Apple iOS™, Android™, Windows™ and Linux™ devices to provide high connectivity and functionality.



Star's versatile and low cost WebPRNT options are available NOW as a plug-in hardware option for Star's traditional thermal POS printers as well as the Star WebPRNT Browser for iOS and Android devices. Download the app from Google Play and the App Store – see page 8.

■ NEW POS Accessories continuing to fulfil the Customer's Needs for more sophisticated Connectivity

Meeting the growing demand for wireless POS solutions, Star is now offering a low cost WiFi Power Pack. Designed to make existing Star LAN interface printers "wireless", the Star WiFi Power Pack offers printing capabilities directly from Tablets, Smartphones and other handheld devices. The WiFi Power Pack contains the DK-USB cable developed by Star which removes the problem of a second power supply and can also be used to power other 3rd party accessories such as 3G dongles as well as the tablets themselves via the Star printer!

MORE NEW Bluetooth Desktop & Mobile Printers in Qtr 4 2014

Star has now created the world's largest range of wireless Bluetooth printers...

...adding 80 and 112mm single station thermal receipt, label and ticketing versions on media up to 0.15mm thick plus a red/black matrix kitchen/receipt printer.

New grey cased single station Bluetooth versions include **SP742BTi**, **TSP743IIBTi** and **TSP847IIBTi**, all featuring Auto Connect and Star WebPRNT technology.

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All-In-One POS Communication System

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Unique Multi-Platform Communication Methods

new WebPRNT	Plug-In Hardware & Star WebPRNT Browser solutions for direct printing from a Web page	8
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Thermal Printers

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futurePRNT Software	Details of Marketing and Installation Software included with TSP100 Series Printers	10-11
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FVP10 Series	Front Operating, Under Counter Direct Thermal Printer	15
TSP700II Series	Multi-Functional Barcode, Label, Ticket and Receipt Printer	NEW Bluetooth version 16
TSP800II Series	High Speed, 112mm Wide Barcode, Label, Receipt and Ticket Printer	NEW Bluetooth version 17
TSP1000 Series	Versatile Low Cost Thermal Printer with Receipt/Ticket Stacker & 18cm Paper Roll	18
new TSP-L10 Series	High Performance Printer for Secure Transactions including Coupon, Lottery & Ticketing	19

Matrix Printers

SP298 Series	Fast, Reliable, Cost Effective Matrix Impact Slip Printers	20
HSP7000 Series	High Speed, 203dpi Thermal/Matrix Hybrid Combination Printer	20
SP700 Series	Advanced, High Speed Clamshell Receipt/Kitchen Printers	NEW Bluetooth version 21
SP500 Series	Highly Sophisticated, Entry Level Receipt/Kitchen Printers	21
DP8340 Series	Versatile, Wide (114mm), Mobile, Compact Receipt/Label Printers (up to 2 lps)	18

mPOS Connectivity

new DK-AirCash	Unique Accessory to Mobilise Any Cash Drawer – Ethernet, Apple MFi/Android Bluetooth & Ethernet, WiFi & Ethernet Versions	25
new DK-USB	Star Power Provider option for WiFi Pack or other 3rd party dongles such as 3G etc.	25
new WiFi	WiFi Power Pack – Low Cost Device Enabling Wireless Printing from any Star LAN Printer	25
new Bluetooth	iOS, Android & Windows Compatible Bluetooth Desktop Printers with Cash Drawer Support	13/16-17/21

mPOS Proximity Based Printing & Secure Cash Management

new ProxiPRNT	BLE Technology based Remote Tablet Access to Star Printers & Cash Drawers	7
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Mobile Printers

SM-T300DW	3" (80mm), Rugged, Dust & Splash Proof, WiFi Mobile Printer	22-23
SM-S220i	2" (58mm), Apple iOS/Android/Windows Bluetooth Printer	22-23
SM-T300i	3" (80mm), Rugged, Dust & Splash Proof, Apple iOS/Android/Windows Bluetooth Printer	22-23
SM-T400i	4" (112mm), Durable, Dust & Splash Proof, Apple iOS/Android/Windows Bluetooth Printer	22-23
new Mobile WebPRNT	Star WebPRNT Browser for direct printing from a web page using Star WebPRNT technology	8

Customer Display & Cash Drawer POS Peripherals

SCD122	ESC/POS™ Compatible USB Powered Customer Display with Stand Alone Base and Telescopic Pole	24
SCD400	Customer Display with Telescopic Pole	24
CB-2002/CB-92II	Cash Drawers – Charcoal Grey, TSP143ECO Black and Star White versions	24
new DK-AirCash	Unique Accessory to Mobilise Any Cash Drawer – Ethernet, Apple MFi/Android Bluetooth & Ethernet, WiFi & Ethernet Versions	25
new SMD2 Series	mPOS Cash Drawer range with integrated space for LAN, WiFi or Bluetooth DK-AirCash option	24

Kiosk/Terminal Embedded Printers

new Sanei SK1-21A / SK1-31A / SK1-32A / SK1-41A	Range of Compact, Open Frame Printers	28
TUP500 Series	High Speed 220mm/second Kiosk Printing Solution. Available in Modular or Open Frame with TUP500DP and TUP500DP Mini Compact Versions	29
TUP900 Series	Versatile, Open Frame 80 – 112mm A4 Replacement Receipt, Ticket/Label Solution	29

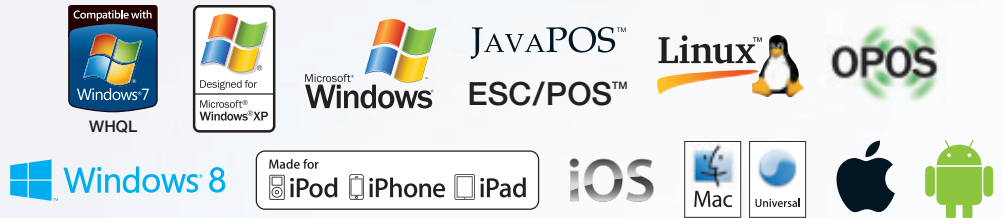
Key Product Summary with Specifications

AsuraCPRNT "All-in-One"	32	Dot Matrix, Impact Receipt & Kitchen Printers	33
Mobile/mPOS Printers (Wireless & Bluetooth)	32	Specialist Thermal Kiosk/Terminal, Lottery & Ticketing Printers	34
Bluetooth Desktop Printers	33	Direct Thermal mPOS, POS and Kiosk Printers	35

We're Here To Help Every Step Of The Way

Recognised throughout the industry for its technical knowledge, Star's highly-advanced printers are designed in-house from the chassis up with software from the first 'bit'. Star's DNA is imprinted from its printing solution to its technical support.

Our technical team covers Europe, Middle East and Africa and offers over 50 man years of multi-system integration experience. For Star technical support from pre-sales to print system integration, print drivers & SDKs (Software Development Kits) expertise and so much more – contact Support@Star-EMEA.com



Star Drivers

Star offers extensive free-to-download drivers from www.StarMicronics.com/Support See our connectivity page opposite 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 Page Mode Port Discovery JavaPOS Star SDK Star Line Star Mobile Star Raster Mode				Star WebPRNT Browser Available from 	
StarIO				Star WebPRNT Browser	
TSP100	Bluetooth	SM-T301	TSP-L10	HE07X/X8	Mobile SM-S220i SM-T300i/DW/400i All Bluetooth Models Star Thermal Printers with USB/LAN interfaces
				TSP654II TSP700II TSP800II SP700 FVP10	

Star Mobile SDKs including Proximity Printing





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
StarIO 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

Reach out and touch the future...

Star Connectivity at all levels

	COMMUNICATION					INTEGRATION																																																																																																																																																																																																													
	Bluetooth		WiFi			HTML/XML		SDK																																																																																																																																																																																																											
						 <i>Connecting your Star Printers to the Web!</i>																																																																																																																																																																																																													
	Exchanging data over short distances, Bluetooth offers high levels of security and reliable connectivity for most modern laptops and tablets with in-built support. Star offers Bluetooth enabled printing capabilities for both desktop and mobile including TSP654IIBTI, SM-S220i, SM-T300i and SM-T400i. Star can also power 3rd party dongles using our unique DK-USB connected to serial interfaces.		Why settle for an overpriced proprietary solution when you could use Star's NEW & UNIQUE external power module to combine with a wide range of specialist OEM wireless modules. The Star WiFi Power Pack provides greater connectivity and flexibility at a lower price, supporting 5 modes – AP, Router, Client, Bridge & Repeater. The module is a very compact, low cost package which fits neatly on or even inside certain Star LAN printers.			New low cost networking solution, Star WebPRNT removes the issues usually associated with web-based printing by offering driverless printing capabilities for all receipt data, utilising HTML and JavaScript standards to provide consistent browser printing. Star WebPRNT does not need a local server, and isn't PC dependent.		Star SDKs are available to programmers at no cost, supporting major operating systems and popular programming languages. The Star SDK packages include sample code and documentation and provide a valuable tool for developers to reduce development time and cost.																																																																																																																																																																																																											
Key Advantages	<ul style="list-style-type: none"> • Uses standard serial profile or MFi for Apple iOS devices • 10-100m connectivity range – providing cable replacement for secure wireless transmissions • Improved legacy support • Easy to upgrade external 3rd party dongles • Platform independent 		<ul style="list-style-type: none"> • Flexibility to choose multiple modes of WiFi networking communication • Compact, low cost packages providing flexibility to update when needed or as wireless standards change • Powered from printer • Mounting options • Supported on all Star traditional printers, old or new 			PLATFORM INDEPENDENT HARDWARE SOLUTION Designed as a solution to cloud/web based printing issues for TSP654II, TSP700II, TSP800II, SP700 & FVP10 (with chassis mount) <ul style="list-style-type: none"> • Simple Installation • BYOD (Bring Your Own Device) with zero software installation • Print consistent receipts from any web browser PLATFORM INDEPENDENT STAR WebPRNT BROWSER Download from the App Store and Google Play		<ul style="list-style-type: none"> • SDK packages include sample code and documentation to reduce development time and costs • Supporting all major operating systems and programming languages • Free downloadable software from the Star Global Support site • Dedicated Star Technical support team, including extensive practice application developer advice 																																																																																																																																																																																																											
What are the costs?	Price of Star Bluetooth enabled printer or DK-USB + external bluetooth adaptor		Cost of printer + External WiFi Ethernet/USB or Bluetooth Serial dongle + power adaptor or simply use the Star WiFi Power Pack			Cost of printer + WebPRNT interface or Star WebPRNT Browser		Free downloadable SDKs from Star Global Support site: www.starmicroelectronics.com/support , or ask Star technical team: Support@Star-EMEA.com																																																																																																																																																																																																											
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SPP*	MFi	External Bluetooth Adaptor with Star DK-USB	Star WiFi Power Pack External WiFi Ethernet/LAN Kit with Star "Power" DK-USB	3rd Party External WiFi USB Kit for USB only Star Printers	HARDWARE PLUG-IN INTERFACE HE07/08	STAR WebPRNT BROWSER	Android	LINUX	Windows	iOS	Mac																																																																																																																																																																																																								
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*SPP = Serial Port Profile – industry cable replacement profile

What's **new** from Star

Star has extensively researched the needs of its users and reacted to worldwide market innovations which are reflected in a number of new announcements, highlighting the new direction the company is taking.

High performance and connectivity are crucial factors in today's environment. Star's latest range of economic Bluetooth, Mobile, Lottery and Desktop POS printers offer compatibility across the board from Apple iOS™ and Android™ to the more traditional Windows™, Linux™ or any other operating system enabled device.

As a registered Apple and Android developer, Star has developed a range of dedicated MFi (made for iPad®, iPhone® & iPod Touch™) Bluetooth printers, alongside specialised API and SDKs to allow the simple set-up of Star Bluetooth printers with all major platforms.

Bluetooth

The World's largest range of Desktop Bluetooth Printers for Apple iOS, Android & Windows with Cash Drawer support and unique matrix model

- Compatible with major operating systems including Apple iOS™, Android™, Windows™, Linux™ and handheld devices allowing the user to seamlessly migrate to another operating system, if required
- Bluetooth (2.1: MFi Certified for iOS/SPP)
- Out-of-the-box Wireless Desktop Printing Solution
- Apple MFi Certified – Pairs with iPad®, iPhone®, iPod Touch®
- Autoconnect feature will reconnect to the last host after power on or out of range situation

Dot Matrix

SP742BTi 9 pin red/black, 76mm, grey printer

Direct Thermal Models

TSP654IIBTi 300mm/sec 80mm, POS, grey receipt printer with splash proof cover option

TSP743IIBTi 250mm/sec. 80mm, grey receipt, label & ticket, 406 x 203 selectable dpi printer

TSP847IIBTi 180mm/sec. 112mm super wide grey receipt, label & ticket, 406 x 203 selectable dpi printer



Star Mobile Printers

Industry's Largest Range of Apple iOS™ and WiFi Mobile Printers

- Compatible with major operating systems including Apple iOS™, Android™, Windows™, Linux™ and handheld devices supporting SPP/RS-232
- Switches easily from Apple iOS Bluetooth to Android
- 2" (58mm), 3" (80mm) and 4" (112mm) Apple certified mobile printer and bluetooth connection
- 3" and 4" rugged, mobile receipt printers
- 3" rugged mobile printer with WiFi compatibility

- MFi Certified – Pairs with iPad®, iPhone® and iPod Touch®
- Bluetooth (2.1: MFi Certified for iOS/SPP) and wired serial connections
- Star Micronics' world renowned support
- **NEW** Star WebPRNT Browser for direct printing from a web page using Star WebPRNT technology. Download from GooglePlay or the App Store

See pages 22-23 for specifications

AsuraCPRNT

The World's First Interactive Communication System

At the forefront of the next generation in retail technology, the AsuraCPRNT 'All-In-One' interactive communication platform with integrated printer can be used as a standalone terminal or as a thin client/server in any industry. The BCR/MSR options lend themselves for multiple applications from in-store video advertising to retail merchandising, queue management and beyond. The options are endless...

- Stylish and compact at only 180 (w) x 162 (d) x 380 (h) mm, providing design set-up flexibility
- Intuitive 7" touch screen offering rich graphics and sound, accompanied with programmable 3 colour LED light projects
- Optional individual and combined encrypted Magnetic Stripe Reader & 2D/QR/Barcode Imagers with NFC option to follow
- Powerful CPU processor to run feature-rich software and applications
- Linux™, Android™ SDKs available with Windows™ users able to take advantage of the ACP's remote desktop thin client capabilities
- High connectivity with other technologies such as biometric scanners, NFC readers, cameras and much more
- 300mm/second high speed printer capable of printing 203 dpi print resolution coupons, receipts and documents at point of interaction
- Star WebPRNT available

See pages 30-32 for specifications



Star WiFi Power Pack

Star WiFi Power Pack with DK-USB Printer Power Connection

- Star DK-USB – designed to provide USB power for external 3rd party dongles minimising the number of external cables and power sockets required
- Available on Star's full range of LAN and WebPRNT printers from the lowest cost TSP143LAN to traditional TSP654II, TSP700II, TSP800II and SP700 Series

See page 25 for more details



The WiFi Power Pack

Star DK-AirCash

Unique accessory to mobilise any Cash Drawer

Low cost, Cash Drawer Accessory enabling mPOS users to open the cash drawer of their choice with a standard RJ-11 printer connection via their mobile device in a variety of environments with Star's unique Auto Connect feature.

- Support for all traditional operating platforms including OPOS, Java-POS, Windows™, Android™, iOS™ and many more
- 3 versions available – LAN, LAN and Android/iOS Bluetooth, LAN and WiFi
- Neat, compact design – 154 (w) x 75 (d) x 28 (h) mm
- Retro-fit to existing installed cash drawers

See page 25 for more details



TP-LINK Wireless N Nano Router included in WiFi Power Pack

Star WebPRNT

Platform independent HTML / JavaScript Printing from the Web

Offering a low cost networking solution, Star WebPRNT removes the issues usually associated with web-based printing to provide driverless printing capabilities for all receipt data, utilising HTML/XML and JavaScript standards to provide consistent browser printing. Star WebPRNT supports all standard receipt requirements including logos, barcodes etc. The WebPRNT.com site fully demonstrates WebPRNT's capability and is a useful tool for resellers as well as developers working with Star's extensive range of thermal POS printers.

- "Plug-In" interface solution for simple Web printing or Star WebPRNT Browser for Star Bluetooth Mobile and desktop thermal POS Bluetooth printers available from App Store or Google Play
- WiFi version using Star WiFi Power Pack option

See page 8 for specifications



Star ProxiPRNT

Proximity Based Printing & Secure Cash Management for mPOS

Star's latest addition to its ever expanding mPOS range of products uses BLE technology based 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 non Star cash drawers fitted with Star DK-AirCash
- Full Star IO and SDK support
- Available Qtr 3 2014



Automatically select and print to the closest printer

“NEW plug-in hardware & Star WebPRNT Browser enabling multi-platform web printing from Star.”



RETAIL

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

HOSPITALITY

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



LOGISTICS

- Web-Based Labelling for Couriers

– and so much more.

Printers able to use HE07X/HE08X Plug-In Interface solution:

- TSP654II Series ■ TSP700II Series
- TSP800II Series ■ SP700 Series (HE08X)
- FVP10 Series (special chassis needed)

Printers able to use Star WebPRNT Browser:

- Star Bluetooth Mobile range – SM-S220i, SM-T300i, SM-T400i
- Star Thermal Bluetooth range – including TSP654IIBTi, TSP743BTi, TSP847BTi, SP742BTi



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

WebPRNT

Connecting your Star Desktop & Mobile printers to the Web wherever you are!

star webPRNT

Given their recent success in the mobile market, Star realises there is a growing requirement to print from both mobile and desktop applications to receipt printers. Star’s platform-agnostic WebPRNT solution is designed to generate print data via a web browser to output directly to any Star printer fitted with a WebPRNT interface or using Star’s WebPRNT Browser available from GooglePlay or the App Store.

Offering either a low cost Plug-In” interface or Star WebPRNT Browser solution, Star WebPRNT removes the issues usually associated with web-based printing by offering driverless printing capabilities for all receipt data, utilising HTML and JavaScript standards to provide consistent browser printing. Star WebPRNT supports all standard receipt requirements including logos, barcodes etc. The **WebPRNT.com** site fully demonstrates WebPRNT’s capability and is a useful tool for resellers as well as developers working with Star’s extensive range of thermal POS printers.

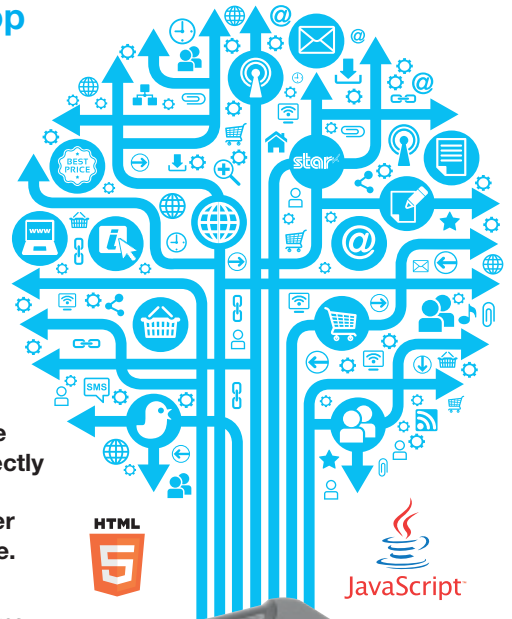
Star WebPRNT “Plug-In” Interface

- Simple Installation – easy “plug-in” interface user installable
- BYOD (Bring Your Own Device) compatible
 - Printing from customers’ mobiles, tablets, etc with zero software installation
 - Printing consistent receipts from any web browser with zero platform dependent code

Star WebPRNT Browser

Simplifies 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 App Store

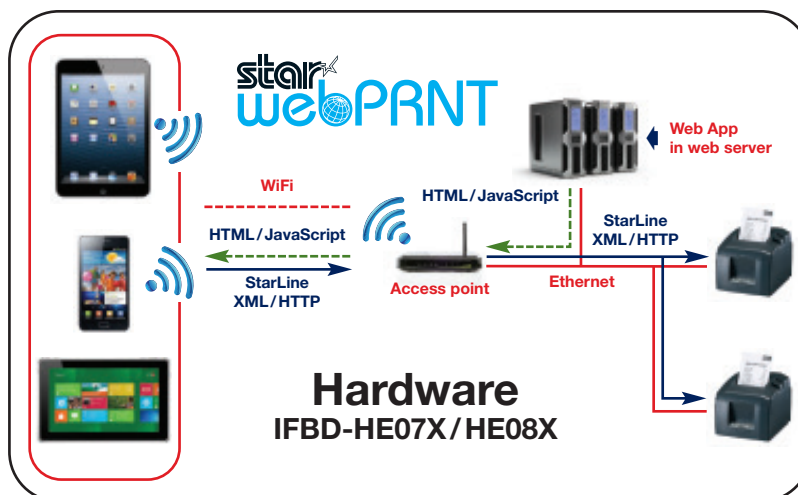
WebPRNT SDKs including a demonstration page are available from Star’s global support site www.starmicronics.com/support



The really clever part is that a Star WebPRNT printer does not need a local server and is not PC dependent. You just need to share the network with your web enabled device.

Using Star WebPRNT technology a single web-based application can be accessed by the browser on multiple platforms including Windows, Linux, Android, iOS, Mac OS, Blackberry and Symbian yielding identical print output.

▶ **Star WiFi Power Pack compatible for true wireless Web based printing**



TSP100 Introduction

Setting new standards for POS printing technology, Star's best selling printer worldwide, the TSP100, is the first software-driven POS receipt printer to provide an immediate plug & play application. This allows retailers to tailor and continuously modify all aspects of receipting output to meet their individual needs.

Advanced features such as receipt re-design, electronic journal, print-on-demand, graphic dependent multi-copy receipting and automatic text reduction are also included as simple tick-box changes.

The unique TSP100 set-up 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.

The advantages of the TSP100 stretch from the retailer, POS reseller to the system integrator.

TSP100 *futurePRNT*

Setting new standards for POS printing technology.



RETAIL

- Point-of-Sale
- Retail Couponing

HOSPITALITY

- Table Receipting
- Hotel Invoicing
- Kitchen Printing

DELIVERY LOGISTICS

– and so much more.

PoweredUSB

Star has rethought its PoweredUSB strategy and will now be supplying a “true” dual power cable for all thermal receipt printers. True power saving and cable reduction is achieved when used with the TSP100ECO or any of the other Energy Star certified thermal printers. Contact Star for more details.

Full specifications on page 35 or www.futurePRNT.com

TSP100 *futurePRNT* – Product range

	TSP100ECO	TSP100GT	TSP100U	TSP100LAN
Model Summary	TSP143ECO – 150mm/sec. Autocutter USB model	TSP113GT – 250mm/sec. USB Tear Bar model TSP143GT – 250mm/sec. USB Autocutter model	TSP113U – 125mm/sec. USB Tear Bar model TSP143U – 125mm/sec. USB Autocutter model	TSP113LAN – 125mm/sec. Ethernet Tear Bar model TSP143LAN – 125mm/sec. Ethernet Autocutter model
Key Features	<ul style="list-style-type: none"> • Easy-Load “Drop-In & Print” paper loading • Tear Bar or Autocutter versions (high quality guillotine cutter) • Unique <i>futurePRNT</i> software included with Mass Install Tool so you do not need to take the printer out of the box to install. All the settings are held on the PC! 	<ul style="list-style-type: none"> • Full gloss casing in Piano Black or Ice White • Tear Bar or Autocutter versions (high quality guillotine cutter) • Unique <i>futurePRNT</i> software included with Mass Install Tool so you do not need to take the printer out of the box to install. All the settings are held on the PC! 	<ul style="list-style-type: none"> • Easy-Load “Drop-In & Print” paper loading • Tear Bar or Autocutter versions (high quality guillotine cutter) • Unique <i>futurePRNT</i> software included with Mass Install Tool so you do not need to take the printer out of the box to install. All the settings are held on the PC! 	<ul style="list-style-type: none"> • Enables fast, long distance and reliable communication using standard, low cost CAT5 cabling • Unique Ethernet Print on Disconnection Feature • Easy-Load “Drop-In & Print” paper loading • Tear Bar or Autocutter versions (high quality guillotine cutter) • Unique <i>futurePRNT</i> software included with Mass Install Tool so you do not need to take the printer out of the box to install. All the settings are held on the PC!
What's in the box	<ul style="list-style-type: none"> • USB Cable • Internal Power Supply with 1.8m Power Cord • Wall Mount Bracket • Vertical Mount Accessory • 58mm Paper Guide • Installation CD and Value-Added Software 	<ul style="list-style-type: none"> • USB Cable • Internal Power Supply with 1.8m Power Cord • Wall Mount Bracket • Vertical Mount Accessory • 58mm Paper Guide • Power Switch Cover • Installation CD and Value-Added Software 	<ul style="list-style-type: none"> • Wall Mount Bracket • Vertical Mount Accessory • 58mm Paper Guide • Power Switch Cover • Installation CD and Value-Added Software 	<ul style="list-style-type: none"> • LAN Cable • Internal Power Supply with 1.8m Power Cord • Wall Mount Bracket • Vertical Mount Accessory • 58mm Paper Guide • Power Switch Cover • Installation CD and Value-Added Software
Optional extras	<ul style="list-style-type: none"> • Splash Proof Cover • Display Stand for vertical use 	<ul style="list-style-type: none"> • Splash Proof Cover • Display Stand for vertical use 	<ul style="list-style-type: none"> • Splash Proof Cover • Display Stand for vertical use 	<ul style="list-style-type: none"> • Splash Proof Cover • Display Stand for vertical use • WiFi Power Pack

► Make your TSP100LAN wireless with the Star WiFi Power Pack – see page 25 for details.



futurePRNT software

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

Pre-Installation Software

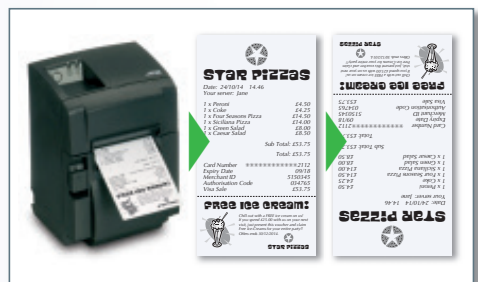
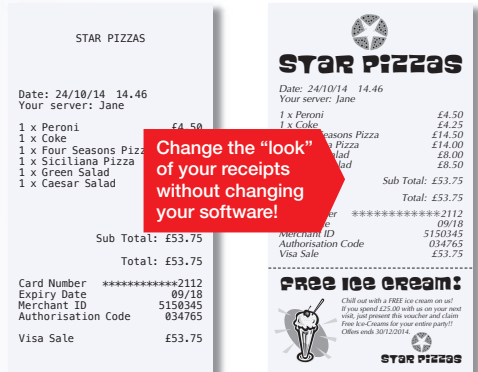
All settings are stored on the PC removing the need to pre-configure the printer itself. Time and maintenance savings are the key reasons why the TSP100 is the printer of choice, used by so many high profile retailers. Please ring Star for more details.

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

“Giving retailers and restaurateurs powerful and invaluable marketing tools at their disposal that work on top of their current POS software.”

Create branded and motivating receipts to inspire customers with *futurePRNT*'s **Receipt Redesign Tools** including:

- ▶ **Image Import Tool** for any size mono or colour bmps, jpgs or gifs
- ▶ **Receipt Pre-View Tool**
- ▶ **Receipt Cropping Tool, Font Replacement Tool, Coupon Marketing Tool and Text Trigger Tool** all work independently of current retail software allowing customers to pre-determine words to “trigger” coupons and graphics
- ▶ **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
- ▶ **Dedicated futurePRNT SDKs** – Star's *futurePRNT* software is accompanied by a dedicated Software Developer Kit with a wide range of tools available, allowing the system designer to take advantage of the TSP100's software and hardware features



TSP100ECO



TSP100GT



TSP100U



TSP100LAN

TSP100ECO futurePRNT

Providing low cost printing with superior quality, the TSP100ECO offers unique paper saving features that could help retailers use up to 70% less paper. This not only reduces paper consumption but means less frequent paper roll changes at the checkout, lower transportation and logistics costs.

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. With simple tick commands the TSP100ECO software can reduce the size of receipts by up to 72.5% horizontally and 50% vertically.



- **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**)



Typical Retail Power Usage 18 Hour Day / 12 Hour Day Results

Typical Power Consumption Scenarios:

- A. POS System-On Mode: 18 hour day – 26.8 kWh
- B. POS System-On Mode: 12 hour day – 19.11 kWh

No competitor today can match this. Just ask Star for comparative details.

(Estimated power consumption based on evaluation results by Star Japan R&D, using Hioki 3332 POWER HITESTER for 300 x 150mm receipts per day, 365 days a year for 5 years.)

“TSP100ECO futurePRNT tools & features could reduce paper consumption by 70% or more.”

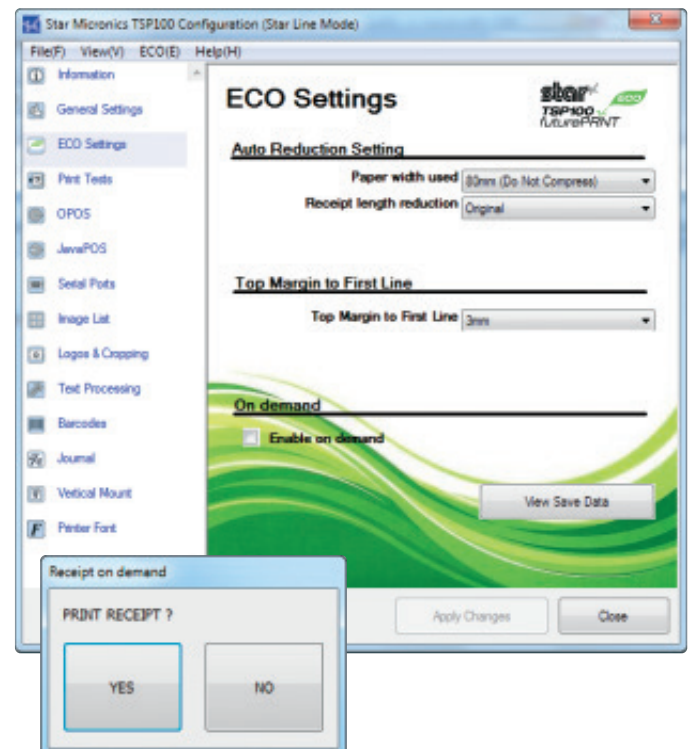


Retailer Tip: Many competitors cannot achieve a 3mm Top Margin and may lose the retailer's logos when changing the paper. Retailers should always check the margins very carefully when comparing competitive POS printers.

TSP100ECO Power Management

Star has designed the TSP100ECO to correspond directly with the PC it has been attached to. The printer will only be activated when attaching the included USB cable to the printer and PC/terminal and the PC/terminal is powered, otherwise it will remain in standby mode.

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 usage.



Full specifications on page 35 or www.futurePRNT.com

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



RETAIL

- Retail Coupons
- Point-of-Sale Receipting



HOSPITALITY

- Hotel Invoicing
- Table Receipting



KIOSK

... and so much more.

TSP654II options:



NEWS...

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

TSP654II Series **new**

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

Tablet Connectivity options:

- Star WebPRNT Printing – “Plug-In” interface option solution for simple Web printing (HE07X)

Interface versions available:

- **TSP654II** Non Interface, available in White/Grey models
- **TSP654IID** Serial, available in White/Grey
- **TSP654IIC** Parallel, available in White/Grey
- **TSP654IIE** Ethernet, available in Grey
- **TSP654IIU** USB, available in Grey
- **TSP654IIBTi** Bluetooth, available in White/Grey
- **TSP654II WebPRNT** Driverless web printer in Grey

Included in Box at purchase

Set-Up CD-ROM, wall mount kit, power switch cover, sample paper roll

Options:

- PS60 Power Supply
- Splashproof Cover
- Vertical Desk Stand



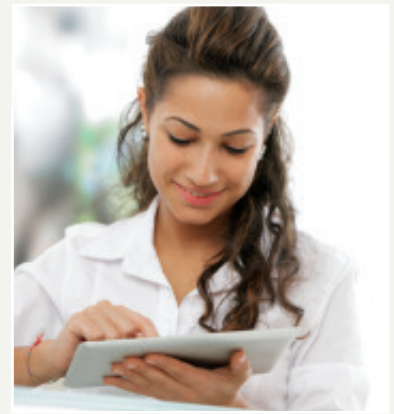
TSP654IIBTi Bluetooth new

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



- Switches easily from Apple iOS Bluetooth to Android
- 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)
- Compatible with major operating systems including Apple iOS, Android, Windows, Linux

- hand held 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
- AutoConnect feature will reconnect to the last host after power on or out of range situation



“Combining high performance and reliability, the TSP654IIBTi iOS compatible Bluetooth Desktop Printer is designed to work with Apple iOS, Android, Windows, Linux or any operating system enabled handheld device.”

TSP654II WebPRNT

Platform independent, high speed network receipt printer

- Out-Of-The-Box desktop cloud printing solution
- Easy and Simple to use with device independent printing solution
- BYOD (Bring Your Own Device) compatible
 - Printing from customers' mobiles, tablets, etc with zero software installation
 - Printing consistent receipts from any web browser with zero platform dependent code
- Full status back support
- WiFi Power Pack compatible for true wireless web based printing



“Capable of web based printing from any platform.”

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 increased percentage of labels available per roll when compared to traditional methods



“The TSP654SK Re-Stick printer is designed to work with liner-free labelling applications.”

Full specifications on page 35 or www.Star-EMEA.com



The retail experience is changing with a heavy focus on in-store technology. Customers are driving the buying process with greater access to information so retailers have to provide a broader mix of browsing possibilities and a more innovative customer experience.

Providing additional flexibility, why not upgrade your current FVP10 in the following ways:



- ▶ **Star WiFi Power Pack** – low cost accessory, providing simple WiFi printing directly from Smartphones, Tablets, PCs or any other mobile device to a Star FVP10 printer. For more information, see page 25



- ▶ **WebPRNT** –add Star WebPRNT plug-in interface HE07X option for simple web printing. For more information on the benefits of Star WebPRNT, see page 8



FVP10 Series

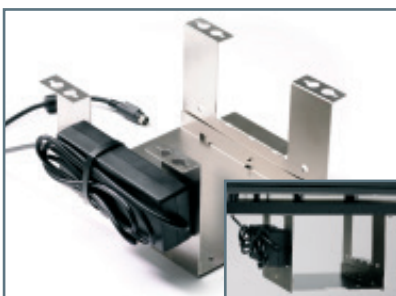
The World's Only Front Operating, Under-Counter Thermal Receipt and Label Printer

- 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

Interfaces available:

- **FVP10U** – Built-in USB with Parallel, Serial (BD03) & Ethernet (BE07) options
- **WiFi** option available, see page 25 for more information on the Star WiFi Power Pack
- **Star WebPRNT Printing** – Plug-In” interface solution for simple Web printing

Unique drawer paper loading has made the FVP10 the “Receipt Printer of Choice” for well-known Fast Food retailers as well as luxury brands – contact Star for more details.



Under Shelf Mount option with power supply holder



“Drop-In & Print” Easy Load



FVP10 “plug-in” 2nd interface option

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



RETAIL

- Point-of-Sale



HOSPITALITY

- Kitchen Printing



KIOSK



PHARMACY LABELLING



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.

Full specifications on page 33 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

Tablet Connectivity options:

- **Star WebPRNT Printing** – HE07X “Plug-In” Interface option for simple Web printing or Star WebPRNT Browser available from App Store or Google Play (see page 8)

Interface versions available:

- **TSP743IID** Serial Interface
- **TSP743IIC** Parallel Interface
- **TSP743IIU** USB Interface
- **TSP743II** Non-interface version for use with low cost Ethernet (HE07)/WebPRNT (HE07X) options
- **WiFi** Option available, see page 25 for more information on the Star WiFi Power Pack
- **WebPRNT** Option available, see page 8 for more information on WebPRNT

- **NEW TSP743IIBTi Bluetooth** grey version now available with unique Auto Connect facility

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

Interface versions available:

- TSP847IID Serial Interface
- TSP847IIC Parallel Interface
- TSP847IIU USB Interface
- TSP847II Non-Interface version for use with low cost Ethernet/WebPRNT
- WiFi Option available, see page 25 for more information on the Star WiFi Power Pack
- WebPRNT Option available, see page 8 for more information on WebPRNT

 **NEW TSP847IIBTi Bluetooth** grey version now available with unique Auto Connect facility

"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.

Two in One 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



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.

Tablet Connectivity options:

- **Star WebPRNT Printing**
HE07X "Plug-In" interface option for simple Web printing or Star WebPRNT Browser available from the App Store or Google Play for the NEW TSP847BTi Bluetooth model

Full specifications on page 35 or www.Star-EMEA.com

THERMAL

LABELS & TICKETING

KIOSK/TERMINAL

mPOS

**RECEIPTS****RECORDS**

- Data logging
- Measuring equipment

MOBILE PRINTING

- 12 volt applications

LABEL PRINTING

- Sprocket version

GRAPHICS VERSION (details upon request)**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 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

TSP1000 Series

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

**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 34
or www.Star-EMEA.com



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 Interface
- **TSP1043** No Interface

TSP-L10 Series **new**

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

WARHOUSE / 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 34 or www.Star-EMEA.com

**HOSPITALITY**

- Hotel Invoicing
- Restaurant Receiving

RETAIL

- Point-of-Sale

PHARMACY

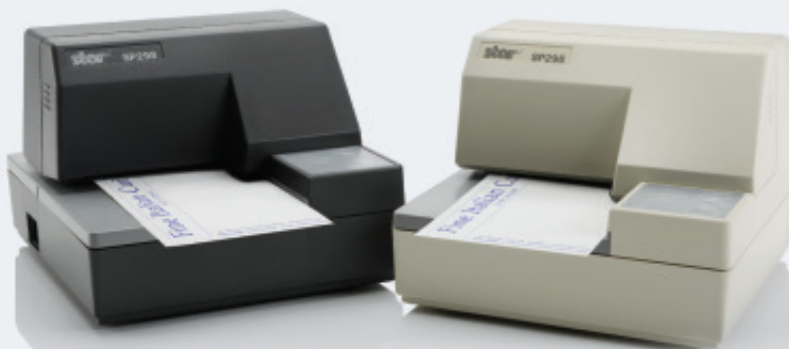
- Prescription Receiving

**Customer Success:**

The SP298 is the fastest slip printer on the market, offering 9-pin print out and is still in use in many applications worldwide.

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 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 -24V option
- 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

**RETAIL**

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

HOSPITALITY

- Hotel Invoicing
- Restaurant Receiving

TICKETING**Reseller & Retailer Tip:**

As the fastest two station receipt printer on the market, the HSP7000 can complete transactions quickly and efficiently.



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 -24V option
- 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)

**HSP7000 – full specifications
at www.Star-EMEA.com**

SP700 Series

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




One of the only 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 8)
- 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/7442R** Rewind versions

 **NEW SP742BTi Bluetooth** grey version now available with unique Auto Connect facility and Star WebPRNT browser App from GooglePlay or App Store

Interface versions available:

Serial HD04, 9-Pin Serial HN04, Parallel HC04, USB HU06, LAN with optional WiFi Power Pack HE08, WebPRNT HE08X

SP500 Series

Offering a Unique Unbeatable Price / Performance Ratio



- High performance, logic seeking, 9-pin quality matrix printer – up to 7.5 lps
- “Drop-In & Insert” paper loading
- Adjustable 58 or 76mm paper widths
- 6 position black mark sensor for fixed length tickets
- Ergonomic design including hygienic spill-proof design and cable power switch covers
- Space saving vertical or horizontal operation
- Compact footprint with internal power supply and vertical operation
- Compatible ribbons: RC200B – Black
- Options: Paper roll holder for wall mount
- Dimensions: 140 (w) x 225 (d) x 163 (h) mm

Models available:

- **SP512** Tear Bar Version
- **SP542** Autocutter Version
- **UP542** Kiosk Version

Fixed Interface versions available:

Serial/Parallel

Options available for Non-Interface SP500:

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



Reseller & Retailer Tip:

The SP500 and SP700 Series require the

following ribbons:

SP500 Options:

- **RC200B** Black Ribbon
- **RC200D** Laundry Ribbon

SP700 Options:

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

RETAIL

- Point-of-Sale Receipting

HOSPITALITY

- Hotel Invoicing
- Restaurant Receipting

Full specifications on page 33
or www.Star-EMEA.com



Reseller Tip:
One Printer – multiple
mPOS operating
systems.

All Star Bluetooth printers are able to switch from one operating system to another by simply holding down two printer buttons. This is perfect for users who have not yet decided whether to use Android, Apple iOS, Linux or Windows device hardware or users who may want to change their mobile device in the near future and NOT their printer.

Mobile Printers

mPOS – designed to create the ultimate flexible checkout 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. Star's range of cost-effective wireless mobile printers offer both Bluetooth SPP as well as MFi connectivity and are designed to work with Tablets and Smartphones in a range of mPOS and Mobile Payment applications.

Star MFi – Made for iPad®, iPhone® & iPod Touch®

As a registered Apple iOS and Android developer, Star has developed a range of dedicated MFi (made for iPad®, iPhone® & iPod Touch® – full explanation of MFi on back page) Bluetooth printers. Star offers comprehensive Software Development Kits (SDKs) to allow the simple set-up of Star Mobile Printers with all major platforms including: Apple iOS™, Android™, Windows™ and Linux™.



Star Success

As a leader in printing solutions for mobile payment and mPOS applications, Star Micronics offers one of the largest ranges of 2", 3" & 4" MFi supported Bluetooth mobile printers along with WiFi enabled receipt printers for Tablet and Smartphone POS applications.

From complex minimalistic store layouts with "invisible" wireless printing, handheld mobile printers for restaurant and café table payment, tablet kiosks for queue busting to seasonal pop-up stores, Star can offer a cost effective solution.



Star's reputation for innovative design and close links to mobile payment software developers and system integrators has ensured successful installations of mobile printers across the world.

Star provides Software Development Support that is second to none and comprehensive multi-product and intelligent SDKs for all major platforms including Apple iOS™, Android™, Windows™ and Linux™.

More information can be found at: www.StarMicronics.com/support or contact the experts at Support@Star-EMEA.com and we will be happy to talk through your MPOS printing requirements.

Looking to integrate a cash drawer into your mPOS solution?

Don't forget the Star DK-AirCash, a simple, low cost accessory to enable POS users to open a standard RJ-11 printer connection via a tablet, smartphone or any smart device. See page 25 for more information.

	SM-T301DW	SM-S220i	SM-T300i	SM-T400i
Included at purchase	• Battery • Belt Clip • Paper Sample Roll • Printer • Power Supply • Serial Cable			
Options available:	<ul style="list-style-type: none"> • 4 Unit Battery Charger • Shoulder Strap • Single Battery Charger • Extra Battery Pack • Vehicle Charger 	<ul style="list-style-type: none"> • 4 Unit Battery Charger • Single Battery Charger • Extra Battery Pack • Vehicle Charger 	<ul style="list-style-type: none"> • 4 Unit Battery Charger • Shoulder Strap • Single Battery Charger • Extra Battery Pack • Vehicle Charger 	<ul style="list-style-type: none"> • 4 Unit Battery Charger • Shoulder Strap • Single Battery Charger • Extra Battery Pack • Vehicle Charger
NEW Mobile WebPRNT	Star WebPRNT Browser for direct printing from a web page using Star technology. Download from GooglePlay/App Store or see page 8.			

Star WiFi/Apple iOS/Android Mobile Printers

- MFi Certified – pairs with iPad®, iPhone® and iPod Touch® as well as Bluetooth devices using SPP with Wired Serial Connection/RS-232
- Compatible with major operating systems including Apple iOS™, Android™, Windows™, Linux™ handheld devices supporting SPP/RS-232
- Bluetooth (2.1: MFi Certified for iOS/SPP) and wired Serial connections



Reseller Tip:

Star offers a number of demo apps on iTunes and Google Play which provide instant Star mobile printer functionality. See page 4 to find out more.



Available on the
App Store



HOSPITALITY

- Event Ticketing
- Table Recepting



LOGISTICS

- Delivery Confirmation
- Reporting
- Vehicle Invoicing

RETAIL

- Point-of-Sale Recepting
- Stock Checker
- Retail Coupons

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

Full specifications on page 32
or www.Star-EMEA.com



SM-T300DW

Rugged, 3" (80mm) mobile printer with WiFi compatibility

- High resolution 203dpi 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



SM-S220i

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

- MFi Certified – Pairs with iPad®, iPhone® and iPod Touch® as well as Bluetooth devices using SPP with Wired Serial Connection/RS-232
- High resolution 203dpi 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



SM-T300i

Rugged, 3" (80mm) iOS and Android Bluetooth MFi Printer

- MFi Certified – Pairs with iPad®, iPhone® and iPod Touch® as well as Bluetooth devices using SPP with Wired Serial Connection/RS-232
- High resolution 203dpi 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



SM-T400i with Label Facility

Durable, 4" (112mm) iOS and Android Bluetooth MFi Mobile Printer

- MFi Certified – Pairs with iPad®, iPhone® and iPod Touch® as well as Bluetooth devices using SPP with Wired Serial Connection/RS-232
- High resolution 203dpi 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





SCD122

POS Peripherals

SCD122 USB Powered Display

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

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



SCD400

SCD400 Customer Display

For use with POS and ECR Systems. The Star SCD400 Display uses the same serial interface as the Star POS printer.

- Reliable and versatile 2 lines x 20 character customer display
- Large, clear, easy-to-read characters
- Wide viewing angle
- Single interface for display and printer
- New Charcoal Grey and Star White versions available

CB-2002 and CB-92II Cash Drawers for PC Point-of-Sale

Star's Series of cash drawers have been specifically designed to link with Star and other industry standard POS printers. These range from the basic entry level model to the larger version aimed at markets with more note sizes.

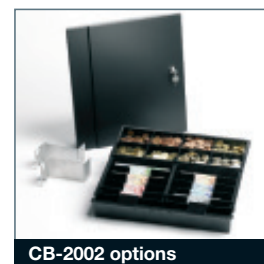
- Driven from the peripheral drive circuit of a Star or Epson POS printer
- Both versions include a compulsion switch
- 3 position key lock



CB-2002 UN



CB-92 II



CB-2002 options

CB-92 II – large cash drawer with 5 note and 8 coin slots in Star White or Charcoal Grey with chrome drawer front. 460(w) x 460(d) x 113(h) mm / 10.3kg

CB-2002 UN – cash drawer with 8 upright note and 8 coin slots in ECO Black, Charcoal Grey and Star White with optional lockable cover – DK-AirCash wireless mobile option available

CB-2002 FN – cash drawer with 4 flat note clips and 8 upright note and 8 coin slots in ECO Black, Charcoal Grey and Star White with optional lockable cover – DK-AirCash wireless mobile option available. 410(w) x 415(d) x 114(h) mm / 7kg

SMD2 mPOS Cash Drawer Series **new**

The Star SMD2 cash drawer series enables secure cash management in a mobile environment. Equipped with a standard RJ11 connection and included cable, wireless communication is also possible with Star's DK-AirCash including Bluetooth 2.1, MFI certified Bluetooth, Ethernet or WiFi connection options.

Adding to Star's existing mPOS product range, the SMD2 cash drawer series allows retailers flexibility in configuring their store layout without the limitations of cabling and other infrastructure restrictions. Available in small, medium and large sizes, in either Star Grey or Star Ultra White, Star has a solution to fit any situation.

SMD2-1214 – the most compact cash drawer in its class with one long note slot. 300(w) x 350(d) x 99.5(h) mm / 6kg

SMD2-1317 – the ideal size for Retail. 330(w) x 430(d) x 105(h) mm / 7kg

SMD2-1617 – full size with 2 note slots. 405(w) x 430(d) x 99(h) mm / 8kg

All drawers feature Kensington lock, standard RJ11 connectivity, 24V solenoid and ABS plastic 4 note / 4 coin slots except SMD2-1617 with 5 note and 5 coin slots.



Looking to match all hardware in your POS system?

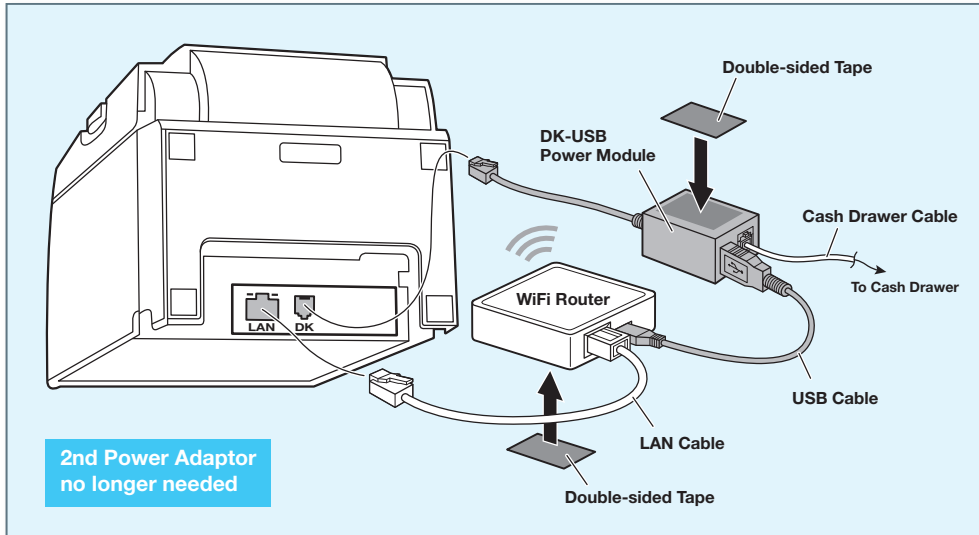
Team the new CB-2002FN cash drawer in ECO black with the new black TSP100ECO printer for the perfect match.

mPOS Peripherals

Star WiFi Power Pack

Providing simple WiFi printing directly from Smartphones, Tablets, PCs or any other mobile device to any Star LAN Printer.

- Designed to provide USB power for external 3rd party dongles minimising the number of external cables and power sockets required
- Available on Star's full range of LAN and WebPRNT printers, from the lowest cost TSP143LAN to traditional TSP654II, TSP700II, TSP800II, SP700 Series and any other model with a DK connector



The Star WiFi Power Pack includes:

- ▶ 150 Mbps TP-Link Wireless N Nano Router – supporting AP (default), Client, Router, Repeater and Bridge modes
- ▶ DK-USB printer link – powers the TP-Link connecting to the Cash Drawer DK connector with “pass-through” capability for full cash drawer functionality including status



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.



DK-AirCash

Low cost, Cash Drawer Accessory enabling mobile POS users to open the cash drawer of their choice with a standard RJ-11 printer connection via their mobile device in a variety of environments.

- Support for all traditional operating platforms including OPOS, Java-POS, Windows™, Android™, iOS™ and many more
- Neat, compact design (154 (w) x 75 (d) x 28 (h) mm)
- Retro-fit to existing installed cash drawers
- Drawer Open Status retrievable by host
- Easy-to-Access Dip Switches for LAN/Bluetooth selection
- Auto Connect facility reconnecting to last device after power on or out of range situation



▶ No Printer required to open cash drawer!

Versions available:

DK-AirCash SAC10E Ethernet – Ethernet supported cash drawers can be fired by WiFi mobile devices communicating directly with mobile printers and opening the cash drawer via the store's network.

DK-AirCash SAC10EB Apple MFi/Android Bluetooth & Ethernet – allows devices to communicate directly with both the mobile receipt printer and cash drawer independently.

DK-AirCash SAC10EW WiFi & Ethernet – for direct communication with the cash drawer over IP without the need for a wired connection.





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. Star printers are able to provide accurate status reports that verify when and 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 iOS and the UPOS committee. Not only do Star's sophisticated drivers support industry standards from Windows 8 to Linux or POS for .NET, but Star is also prepared to supply 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.



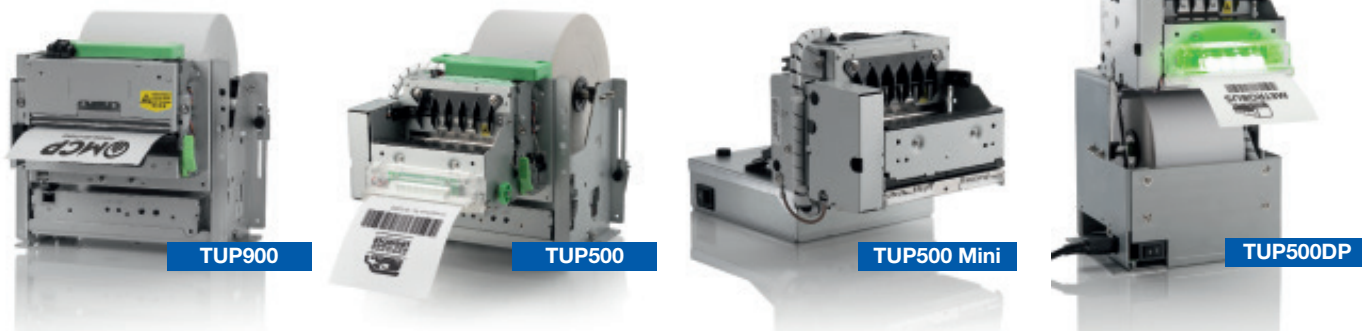
NEW Flashing paper Exit Guide options now available for TSP700II, TSP800II, TUP500 and TUP900 printers

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.



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

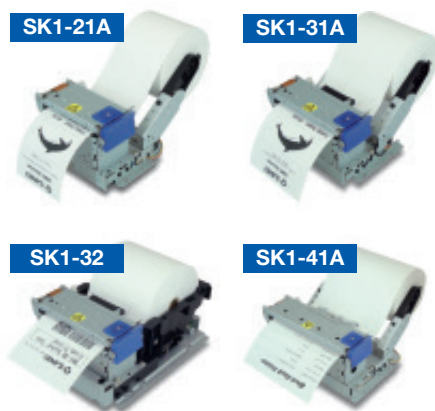
Africa, Scandinavia and the US, to name just a few countries serviced by Star Micronics. Any of Star's reliable packaged & open frame kiosk printers can be integrated depending on the application – from 80mm tickets and labels to 112mm wide receipting.

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 28)



“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.



Models available:

SK1-21 Series

- SK1-21A – Printer only
- SK1-21A-LP – Printer with presenter
 - 200mm/second print speed
 - 58/60mm paper width model
 - Mechanism dimensions/Weight: 104(w) x 129.2(d) x 73.6(h) mm / 525g

SK1-31/32 Series

- SK1-31A – Printer only
- SK1-31A-LP – Printer with presenter
- SK1-32 – Clamshell style
 - “Drop-In & Print” version
 - 200mm/second print speed
 - 54/56/72/80mm model
 - Mechanism dimensions/Weight: 128(w) x 174.5(d) x 74.2(h) mm / 730g

SK1-41 Series

- SK1-41A-L – Printer only with Label support
- SK1-41A-LP – Printer with presenter
 - 150mm/second print speed
 - 80/83/112mm paper width
 - Mechanism dimensions/Weight: 160.9(w) x 143.1(d) x 76.3(h) mm / 885g

Options:

- 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 light weight, 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.
 - 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 34
or www.Star-POSIndia.com /
www.Star-MEeast.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 HU05, LAN HE07



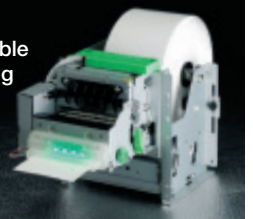
TUP500 and TUP900 open frame and mechanism options:

- 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 HU06



“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 34
or www.Star-EMEA.com



AsuraCPRNT new

The World's First Interactive Communication System

As one of the world's largest manufacturers of POS and kiosk printing solutions, we have combined our two areas of expertise to create the ultimate user engagement tool – the AsuraCPRNT™. This unique “All-in-One” POS communication platform with integrated printer is so much more than a “mini” kiosk.

The latest communication technologies combined with a powerful CPU processor have resulted in a powerful solution which can work independently as a thin client server, mini kiosk or even POS/Information terminal depending on the software and options added. Or, it can be implemented into almost any infrastructure for customer/user engagement with the added advantage of flexible location from shelf edge, wall, counter top or even pole mounted.



AIRLINES

BANKING

GOVERNMENT & SCHOOLS

- Internal Card payment Systems for Canteens, etc.
- Queue Management
- Payment Terminals

HEALTH

HOSPITALITY

- Kitchen Printing
- QSR Order Building
- Loyalty Programmes
- Valet Parking Management
- Queue Management
- ...and so much more.

HOTELS

- Virtual Receptionist
- Information Terminal
- Digital Signage
- Loyalty Programmes

MARKET RESEARCH

RETAIL

- Pharmacy Prescriptions
- Gift Vouchers
- Point-of-Sale Receipting
- Stock and Price Checker
- Retail Couponing
- Queue Management
- Market Research Tool
- ...and so much more.

TOURISM

- Cloud based Tours/Excursion Bookings can be promoted and sold etc.

Customize your AsuraCPRNT

We know how important branding is in an ever-competitive market. In order to increase brand awareness for retailers and restaurateurs, cover skins can be produced for the AsuraCPRNT featuring their logos or campaign graphics to create eye-catching POS, kiosk or self-service unit.

“All-in-One” and just 38cm high!



- Stylish and compact at only 180(w) x 162(d) x 380(h) mm, providing design set-up flexibility
- Intuitive 7" touch screen offering media rich graphics and sound with audio line out and MIC input, accompanied with programmable full colour LED lights
- Optional individual and combined encrypted Magnetic Stripe Reader & 2D/QR/Barcode scanners with NFC option to follow
- Powerful CPU processor to run feature-rich software and applications
- Linux™ and Android™ SDKs available supporting Qt, Java, C++ etc.

- Immediate ability to run traditional Windows/Linux desktop POS solutions using the Asura's remote desktop protocol/thin client capabilities
- High connectivity with other technologies such as biometric scanners, NFC readers, cameras and much more using the 4 USB-host ports. 3G connectivity & WiFi option also available
- 300mm/second high speed printer capable of printing 203 dpi print resolution coupons, receipts and documents at point of interaction with grey scale capability



The potential uses for the AsuraCPRNT are only really limited to your imagination! Compact, user-friendly and feature-rich, it's the perfect User Engagement solution for all industries. Large brands and small independents the world over are using the AsuraCPRNT for the widest range of applications from virtual receptionists to loyalty programmes; queue management in retail, hospitality, government and healthcare to an endless number of customer engagement applications.



▲ The New “All-in-One”

Unmatched by any rivals, the AsuraCPRNT delivers audio-visual content; prints high quality messages; features LAN, Bluetooth, WiFi, 3G connectivity with documented SDKs for Linux and Android development and offers multiple levels of usability and functionality. This 38cm device can be expanded to fit your requirements from VESA mounted tablets on the back of the AsuraCPRNT to all the options mentioned below.

▲ Options to fit your requirements

The AsuraCPRNT can be completely customised with a host of options including integrated MSR, 2D and QR Barcode scanners and NFC reader. It can also be optimised to support the connection of external peripherals using the 4 on-board USB- Host ports – from a biometric scanner to WiFi or 3G options. In a busy retail environment, the AsuraCPRNT's barcode reader allows staff and customers alike to check the latest product prices or stock levels; scan QR codes & coupons from mobile phones using the reflective dampening LCD mode whilst running other applications in the background such as videos on external screens. Other options directly from Star include WiFi as well as self standing Pole Mounts for one or two AsuraCPRNTs. The secure Base Stand which fixes the unit to the counter/desktop is supplied with the AsuraCPRNT in the box.

▲ Development with the AsuraCPRNT

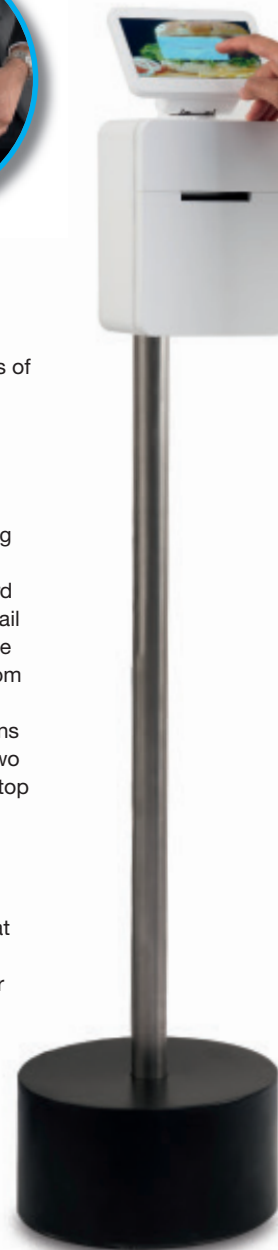
Star's development Tools for the AsuraCPRNT have been made as open as possible so that developers are able to work with the tools and technologies that they already know. Android and Linux SDKs are available – just request a log-in from support@Star-EMEA.com. The Remote Desktop Protocol can be used for instant access to an existing Windows, Linux or MAC application.

▲ HTML5 using new Secure AsuraBrowser

Modern, HTML5 standards compatible WebKit based browser with full support for the latest features, including audio, local storage & databases, CSS3, canvas, SSL. etc. Fully compatible with all common JavaScript toolkits, e.g. jQuery enabling rich, full featured user interfaces & animations.

- Built-in JavaScript API provides direct access to the hardware
- Built-in customer facing web browser with a secure, full-screen experience/no user navigation controls or any way to access the underlying OS. Off Line Storage (allowing for off line trading) is another of the browser's features






More information can be found at www.Star-EMEA.com/AsuraCPRNT or www.AsuraCPRNT.com



Full specifications on page 32
or www.Star-EMEA.com

Mobile/mPOS (Wireless & Bluetooth)

AsuraCPRNT "All-in-One"




STAR PRINTER SERIES	SM-S220i	SM-T300DW	SM-T300i	SM-T400i	AsuraCPRNT
					
	Pages 22-23	Pages 22-23	Pages 22-23	Pages 22-23	Pages 30-31
Description	Direct Thermal Mobile				Direct Thermal "All-in-One"
	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)	NEW 38cm high "All-in-One" User Engagement Tool with Display, Fast Processor & Direct Thermal Printer
Max. Print Speed	80mm/sec.	75mm/sec.	75mm/sec.	80mm/sec.	300mm/sec.
Resolution	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi
No. of Columns	42 col.	64 col.	64 col.	92 col.	48 / 64 col. Depending on Paper Width
Tear Bar / Autocutter	Tear Bar	Tear Bar	Tear Bar	Tear Bar	Partial Cut (Guillotine)
Paper Width	58mm	80mm	80mm	112mm	80mm Standard (65 / 58mm Paper Guide)
Paper Thickness	0.06 – 0.07mm	0.06 – 0.07mm	0.06 – 0.07mm	0.06 – 0.07mm	0.053 – 0.085mm
Paper Roll (diameter)	40mm	50mm	50mm	50mm	83mm
Media Presentation	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	User Selectable Paper Delivery Options with Mounting Bracket included
Print Width	48mm	72mm	72mm	104mm	72mm (58.5 / 50.8mm)
Sensors	Paper End, Cover Open, Black Mark	Paper End, Cover Open	Paper End, Cover Open	Paper End, Cover Open, Black Mark	Paper End, Cover Open, Near End Horizontal & Vertical, Black Mark
Interface	Bluetooth (2.1), iOS (MFi), Serial (cable included)	WiFi, Serial (cable included)	Bluetooth (2.1), iOS (MFi), Serial (cable included)	Bluetooth (2.1), iOS (MFi), Serial (cable included)	Ethernet, 4 USB Hosts, 1 USB Slave, Audio Line IN / OUT, Cash Drawer Kick, Micro SD card support
Drop Test	1.2m	1.5m (MSR Model: 1.2m)	1.5m (MSR Model: 1.2m)	1.5m (MSR Model: 1.2m)	
Power Supply	AC Charger & Battery Pack included	AC Charger & Battery Pack included	AC Charger & Battery Pack included	AC Charger & Battery Pack included	Internal adaptor included with cable
Power / Battery Life	7.4V Rechargeable Battery Offering 8 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	1.75 Amps Printing 0.36 Amps Standby
Reliability	50km	50km	50km	50km	60 Million Lines 2 Million Cuts
Dimensions (W x D x H) mm Weight	81 x 139 x 46 288g (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)	180 x 162 x 367.5 3.5kg
Included in box with printer at purchase	<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 	<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"> Power Supply Secure Counter Base Stand and screws Rubber Feet Paper Roll Guide Safety Instructions
Options	<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 	<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"> Individual / Combined 1D / 2D / QR Barcode & Magnetic Stripe Readers NEW Newland Scanner now available NFC, WiFi, 3G / 4G Dongles K-lock Desk Security Cable Micro SD Card

SPECIFICATIONS

Bluetooth Desktop

Matrix






STAR PRINTER SERIES	TSP654IIBTi	TSP743IIBTi	TSP847IIBTi	SP742BTi
				
	Page 13	Page 16	Page 17	Page 21
Description	Direct Thermal BLUETOOTH Wireless Printers			Dot Matrix Bluetooth
	Direct Thermal Label, Receipt & Ticketing			
	NEW Industry first High Performance, Entry Level iOS Compatible Bluetooth Desktop Printer with Cash Drawer Support	UNIQUE 80mm Bluetooth Barcode, Label, Ticket & Receipt Printing from the ONE model	UNIQUE 112mm Bluetooth Barcode, Label, Ticket & Receipt Printing from the ONE model	UNIQUE Bluetooth 9-pin Red / Black Dot Matrix Printer
Max. Print Speed	300mm/sec.	250mm/sec.	180mm/sec.	4.7 to 8.9 lps
Resolution	203 dpi	203 dpi 406 x 203 dpi selectable	203 dpi 406 x 203 dpi selectable	7 x 9 half dot
No. of Columns	48/64 col. Depending on Paper Width	48/64 or 53/71 col. Depending on Paper Width	A4 Print Capability on 112mm Paper with Auto Scaling Software	42/35
Autocutter	Partial Cut (Guillotine)	Full or Partial Cut (Guillotine)	Full or Partial Cut (Guillotine)	Partial Cut
Paper Width	80mm Standard (58mm Paper Guide)	82.5, 80, 58mm Selectable (80mm Standard with User Installable Paper Guide Fitted)	112mm Standard, 80mm Options with User Installable Paper Guide Option	76mm default, 69.5, 58mm
Paper Thickness	0.053 – 0.085mm	0.065 – 0.15mm	0.065 – 0.15mm	0.065 – 0.085mm/ 1+2 copies
Paper Roll Standard Option	83mm	100mm External Paper Feed	100mm External Paper Feed	85mm
Media Presentation	User Selectable Paper Delivery Options with Mounting Bracket included	User Selectable Paper Delivery Options with Mounting Bracket included & Optional Paper Exit Guide	User Selectable Paper Delivery Options with Mounting Bracket Option	Vertical or horizontal mode
Print Width	50.8mm (58mm Paper) 72mm (80mm Paper)	80mm	104mm	63/50/45mm
Sensors	Paper End, Cover Open, Near End Horizontal & Vertical	Black Mark, Paper End, Cover Open, Near End Horizontal & Vertical	Black Mark, Paper End, Cover Open, Near End Horizontal & Vertical	Paper End (Near End option)
Interface	Bluetooth (2.1), iOS (MFi)	Bluetooth (2.1), iOS (MFi)	Bluetooth (2.1), iOS (MFi)	Bluetooth (2.1), iOS (MFi)
Power Supply	External Option PS60A	External Option PS60A	External Option PS60A	Internal with cable provided
Power Consumption	1.9 Amps Printing 0.15 Amps Standby	1.8 Amps Printing 0.15 Amps Standby	2.0 Amps Printing 0.12 Amps Standby	1.5 Amps Printing 0.42 Amps Standby
Energy Star	External, Energy Star Qualified PS60A (Optional)	External, Energy Star Qualified PS60A (Optional)	External, Energy Star Qualified PS60A (Optional)	External, Energy Star Qualified PS60 (Optional)
Reliability	60 Million Lines 2 Million Cuts	60 Million Lines 2 Million Cuts	37 Million Lines 2 Million Cuts	22 Million Lines 1 Million Cuts
Dimensions (W x D x H) mm Weight	142 x 132 x 202 1.72kg	147 x 213 x 148 1.75kg	180 x 213 x 148 1.9kg	160 x 245 x 152 3.3kg
Options	<ul style="list-style-type: none"> T100/650 Splash Proof Cover VS T100/650 Display Stand for Vertical Use Plug-in Interfaces (see above) Direct Connection Cable option with iOS devices Star WebPRNT Browser App download from the App Store & Google Play 	<ul style="list-style-type: none"> Wall mount bracket in box at purchase Flashing Snout/ Paper Exit Guide Option VS700 Deskboot option Star WebPRNT Browser App download from the App Store & Google Play 	<ul style="list-style-type: none"> Blue or Green & Red LED Flashing Snout/ Paper Exit Guide Option WBT800 Wall Mount Kit VS800 Deskboot option Star WebPRNT Browser App download from the App Store & Google Play 	<ul style="list-style-type: none"> Buzzer Alarm Wall Mount Kit Vertical Kit Star WebPRNT Browser App download from the App Store & Google Play

SP298	SP500	SP700
		
Page 20	Page 21	Page 21
9-Pin High Quality, Bi-Directional Impact Printers		
9-pin Matrix Slip Printers with Letter Descenders	Low Cost, High Speed 9-pin Matrix Printers	UNIQUE Bluetooth 9-pin Red / Black Dot Matrix Printer
3.1 lps	4.0 to 7.5 lps	4.7 to 8.9 lps
7 x 9 half dot	7 x 9 half dot	7 x 9 half dot
42	42/30	42/35
Slip Printer	Tear Bar and Full/Partial (Guillotine) Autocutter Rewind models	Tear Bar and Full/Partial (Guillotine) Autocutter Rewind models
up to 182mm	76, 57mm	76mm default, 69.5, 58mm
0.09 – 0.20 mm/ 1+2 copies	0.07 – 0.10mm/ 1+2 copies	0.06 – 0.085mm/ 1+2 copies
Slips only	85mm	85mm
Horizontal mode	Vertical or Horizontal mode	Vertical or Horizontal mode
63mm	63/60/45mm	63/50/45mm
Auto Side Loading	6 position Black Mark	Paper End (Near End option)
RS232C or Parallel	RS232C or Parallel	RS232C, Parallel, non interface or Bluetooth (2.1), iOS MFi
External PS60 option	Internal with cable provided	Internal with cable provided
1.0 Amps printing 0.07 Amps Standby	0.43 Amps Printing 0.12 Amps Standby	1.5 Amps Printing 0.42 Amps Standby
External, Energy Star Qualified PS60 (Optional)		
9 Million Lines	22 Million Lines 1 Million Cuts	22 Million Lines 1 Million Cuts
180 x 190 x 138.5	140 x 225 x 163	160 x 245 x 152
	<ul style="list-style-type: none"> PS60 Power Supply Buzzer Alarm Wall Mount Kit Vertical Kit SP500R Paper Rewind version 	<ul style="list-style-type: none"> Buzzer Alarm Wall Mount Kit Vertical Kit SP700R Paper Rewind version



SPECIFICATIONS

Kiosk/Terminal

Specialist Thermal, Lottery & Ticketing

	TUP592 TUP542	TUP500DP TUP500 Mini	TUP992 TUP942	Sanei SK1-21A SK1-31A/32	Sanei SK1-41A	TSP1000	TSP-L10
STAR PRINTER SERIES							
	Page 29	Page 29	Page 29	Page 28	Page 28	Page 18	Page 19
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.	TUP500DP 10cm “upright” option, label/ non label versions TUP500DP Mini with external paper handling	TUP992 Presenter Version TUP942 No Presenter for labels etc. TUP900 Modules – mech etc.	SK1-21A/SK1-31A No Presenter SK1-21A-LP/ SK1-31A-LP Presenter SK1-32 Clamshell	SK1-41A-L No Presenter SK1-41A-LP with Presenter and Label Support	One of the World’s most successful Lottery Printers	NEW High Performance Secure Transaction Printer able to print and stack 100 Tickets
Max. Print Speed	220mm/sec.	220mm/sec.	150mm/sec.	200mm/sec.	150mm/sec.	180mm/sec.	300mm/sec.
Resolution	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi
No. of Columns	48/64 or 53/71 col. Depending on Paper Width	48/64 or 53/71 col. Depending on Paper Width	A4 Print Capability on 112mm Paper with Auto Scaling Software	SK1-21: Max 56 col. SK1-31/32: Max 80 col. Depending on Paper Width	Max 104 col. (8x16) Max 69 col. (12x24) Depending on Paper Width	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 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 Cut (Guillotine)	Full Cut (Guillotine)
Paper Width	45 – 82.5mm Adjustable	45 – 82.5mm Adjustable	80 – 112mm Adjustable	SK1-21: 54/56 SK1-31: 58/60/80/83mm	80/83/112mm	45 – 82.5mm Adjustable	82.5mm
Paper Thickness	0.065 – 0.15mm	0.065 – 0.15mm	0.065 – 0.15mm	0.059 – 0.15mm	0.059 – 0.12mm	0.065 – 0.15mm	0.075 – 0.09mm
Paper Roll Standard Option	Standard: 150mm With Option: 254mm	100mm no option	Standard: 150mm With Option: 254mm	Standard: 120mm With Option: 200mm	Standard: 120mm With Option: 200mm	▶ 180mm ◀	▶ 200mm ◀
Media Presentation	Presenter with Document Capture (not for labels). Flashing Paper Exit Guide option	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	SK1-21/31: 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	30 Receipt/ Ticket Stacker	100 Receipt/ Ticket Stacker
Print Width	80mm	80mm	104mm	SK1-21: 54/56 SK1-31: 54/56/72/80mm	72/80/104mm	80mm	80mm
Sensors	Black Mark, Adjustable Paper End, Near End & Paper Low	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	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-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)	Serial, USB as standard	Serial, USB as standard	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	Standard with IFBD-HE07 option	Contact Star for more details			Standard with IFBD-HE08	
Power Supply	External Option PS60A	External Option PS60A	External Option PS60A	External Option PS60A with CB-SK1-D3 cable	External Option SA1-3A240 Power Lead Now Supplied	External Option PS60A	External Option PS60A
Power Consumption	1.7 Amps Printing 0.7 Amp Standby	1.7 Amps Printing 0.7 Amp Standby	1.7 Amps Printing 0.08 Amp Standby	2.5 Amps Printing 0.07 Amps Standby	2.5 Amps Printing 0.07 Amps Standby	2.0 Amps Printing 0.1 Amps Standby	1.0 Amps Printing 0.02 Amps Standby
Energy Star	External, Energy Star Qualified PS60A (Optional)	External, Energy Star Qualified PS60A (Optional)	External, Energy Star Qualified PS60A (Optional)	External, Energy Star Qualified PS60A (Optional) + Qualified SA1-3A24 (Optional)	External, SA1-3A24 (Optional)		
Reliability	60 Million Lines 1 Million Cuts	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	60 Million Lines 1 Million Cuts	60 Million Lines 2 Million Cuts
Dimensions (WxDxH) mm Weight (without interface cover)	Mechanism: 135 x 101 x 103 Open Frame: 160x234.1 x 179 2.5kg	Mechanism: 135 x 101 x 103 Open Frame: 140 x 150 x 240 2.5kg	Mechanism: 176.2 x 101 x 121 Open Frame: 192 x 249.3 x 179 2.84kg	SK1-21: 80mm roll 104x129.2x73.6 / 525g SK1-31: 83mm roll 127 x 130x74 / 630g SK1-32: 128x174.5x74.2 730g	80mm roll: 160.9x143.1x76.3 102mm roll: 160.9x151.2x82.2 120mm roll: 160.9x159.3x88.1 without presenter/885g	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	Document Capture		
Options	<ul style="list-style-type: none"> • Interfaces (see above) • Flashing Snout Green & Red LED Paper Exit Guide • 25cm Paper Roll Option 	<ul style="list-style-type: none"> • Interfaces (see above) • Flashing Snout Green & Red LED Paper Exit Guide 	<ul style="list-style-type: none"> • Interfaces (see above) • Metal Paper Exit Guide • Flashing Snout Blue or Green & Red LED Paper Exit Guide Option • 25cm Paper Roll Option 	<ul style="list-style-type: none"> • Plastic Bezel BZ-SK1-1 • Flashing Snout LB-SK1 • PS60 PSU + PS60 Connector CB-SK1-D3 • 20cm Paper Roll option HL02 • Presenter PR-SK1 	<ul style="list-style-type: none"> • Plastic Bezel BZ-SK1-1 • Flashing Snout LB-SK1 • PS60 PSU + PS60 Connector CB-SK1-D3 	<ul style="list-style-type: none"> • Three Colour Versions Available: Cherry Red & Star White, Charcoal Grey or Star Grey 	<ul style="list-style-type: none"> • TSPL11 Internal Print Verification Scanner version

Direct Thermal mPOS, POS & Kiosk

STAR PRINTER SERIES	TSP143ECO	TSP100U TSP100GT	TSP100LAN	TSP654II	TSP700II	TSP800II	FVP10	
								
	Pages 9-11	Pages 9-11	Page 12	Page 13	Page 16	Page 17	Pages 15	
Description	World's Largest Range of Entry-Level Receipt Printers				Direct Thermal Label, Receipt & Ticketing			
	Dedicated ECO Printers with Power & Paper Saving Tools All set-up accessories in box			NEW Superfast, Low Cost Thermal Receipt Printer including WebPRINT / iOS versions		TSP743II Barcode, Label, Ticket & Receipt Printing from the ONE model	TSP847II Barcodes, Labels, Tickets all from the ONE model! The ALTERNATIVE A4 Laser Printer	UNIQUE under Counter / Front Operating Printer with Voice Tool
Max. Print Speed	150mm/sec.	TSP100GT: 250mm/sec. TSP100U (TSP113U/ TSP143U): 125mm/sec.	125mm/sec.	300mm/sec.	250mm/sec.	180mm/sec.	250mm/sec.	
Resolution	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi, 406 x 203 dpi selectable	203 dpi, 406 x 203 dpi selectable	203 dpi, 406 x 203 dpi selectable	
No. of Columns	48/64 col. Depending on Paper Width	48/64 col. Depending on Paper Width	48/64 col. Depending on Paper Width	48/64 col. Depending on Paper Width	48/64 or 53/71 col. Depending on Paper Width	A4 Print Capability on 112mm Paper with Auto Scalling Software	48/64 col. Depending on Paper Width	
Autocutter	Partial Cut (Guillotine) with 3mm Top Margin	Tear Bar and Partial (Guillotine) Autocutter Models	Tear Bar and Partial (Guillotine) Autocutter Models	Partial Cut (Guillotine)	Full or Partial Cut (Guillotine)	Full or Partial Cut (Guillotine)	Full or Partial Cut (Guillotine)	
Paper Width	80mm (58mm Using Paper Guide)	80mm (58mm Using Paper Guide)	80mm (58mm Using Paper Guide)	80mm (58mm Using Paper Guide)	82.5mm, 80mm, 58mm selectable (80mm Standard with User Installable Paper Guide Fitted)	112mm Standard, 80mm Options with User Installable Paper Guide Option	58 – 80mm Fully Adjustable	
Paper Thickness	0.065 – 0.085mm	0.065 – 0.085mm	0.065 – 0.085mm	0.053 – 0.085mm	0.065 – 0.15mm	0.065 – 0.15mm	0.065 – 0.15mm	
Paper Roll Standard Option	83mm	83mm	83mm	83mm	100mm	100mm	83mm	
Media Presentation	User Selectable Paper Delivery Options with Mounting Bracket included	User Selectable Paper Delivery Options with Mounting Bracket included	User Selectable Paper Delivery Options with Mounting Bracket included	User Selectable Paper Delivery Options with Mounting Bracket included	User Selectable Paper Delivery Options with Mounting Bracket included & Optional Paper Exit Guide	User Selectable Paper Delivery Options with Mounting Bracket Option	Front Output Delivery with Flat Shelf Mount Bracket Option	
Print Width	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)	80mm Maximum	104mm	72mm	
Sensors	Paper End, Cover Open	Paper End, Cover Open	Paper End, Cover Open	Paper End, Cover Open, Near End Sensor Horizontal & Vertical	Black Mark, Paper End, Cover Open, Near End Horizontal & Vertical	Black Mark, Paper End, Cover Open, Near End Horizontal & Vertical	Black Mark, Paper End, Cover Open, Near End	
Interface	USB 2.0 Full Speed with Cable Supplied and "Virtual" Serial Port Emulator. 3rd Party WiFi/Bluetooth Options	USB 2.0 Full Speed with Cable Supplied and "Virtual" Serial Port Emulator. 3rd Party WiFi/Bluetooth Options	Ethernet model (10/100baseT, UTP) with LAN Cable Supplied and "Virtual" Serial Port. Star WiFi Power Pack option available for LAN version	Serial, Parallel, USB, Bluetooth (TSP654IIBTi), Ethernet, (Apple iOS, Android, Windows) and Non Interface versions. Plug-In Options: Serial (IFBD-HD03), 9-pin Serial (HN03), Parallel (HC03), Ethernet (HE07), WebPRINT (HE07X)	Serial, Parallel, USB and Non Interface versions. Plug-In Options: Serial (IFBD-HD03), 9-pin Serial (HN03), Parallel (HC03), Ethernet (HE07), WebPRINT (HE07X) NEW Bluetooth (Apple iOS, Android, Windows) version available	Serial, Parallel, USB and Non Interface versions. Plug-In Options: Serial (IFBD-HD03), 9-pin Serial (HN03), Parallel (HC03), Ethernet (HE07), WebPRINT (HE07X) NEW Bluetooth (Apple iOS, Android, Windows) version available	USB models with 2nd interface slot for Plug-In Options: Serial (BD03), Parallel, Ethernet (BE07), WebPRINT	
Unique Ethernet Print on Disconnection Feature			TSP100LAN: Standard	Standard with IFBD-HE07 Option	Standard with IFBD-HE07 Option	Standard with IFBD-HE07 Option	Standard with IFBD-HE07 and Sub Chassis Option	
Power Supply	Internal with Power Cable included	Internal with Power Cable included	TSP100LAN: Internal with Power Cable included	External Option PS60A	External Option PS60A	External Option PS60A	External Option PS60A	
Power Consumption	1.6 Amps Printing 0.1 Amps Standby	1.6 Amps Printing 0.1 Amps Standby	1.6 Amps Printing 0.1 Amps Standby	1.9 Amps Printing 0.15 Amps Standby	1.8 Amps Printing 0.15 Amps Standby	2.0 Amps Printing 0.12 Amps Standby	1.56 Amps Printing 0.12 Amps Standby	
Energy Star	Energy Star Certified Internal Power Supply with Power Cable included	Energy Star Certified Internal Power Supply with Power Cable included	Energy Star Certified Internal Power Supply with Power Cable included	External, Energy Star Qualified PS60 (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	60 Million Lines 1 Million Cuts	60 Million Lines 1 Million Cuts	60 Million Lines 2 Million Cuts	60 Million Lines 2 Million Cuts	37 Million Lines 2 Million Cuts	60 Million Lines 2 Million Cuts	
Dimensions (W x D x H) mm Weight	142 x 204 x 132 1.37kg – 1.72kg	142 x 204 x 132 1.56kg – 1.76kg	142 x 204 x 132 1.56kg – 1.74kg	142 x 203.5 x 132 1.60kg	147 x 213 x 148 1.75kg	180 x 213 x 148 1.9kg	144 x 227.7 x 114 2.8kg	
Options	<ul style="list-style-type: none"> T100/650 Splash Proof Cover VS-T650/100 Display Stand for Vertical Use 	<ul style="list-style-type: none"> T100/650 Splash Proof Cover VS-T650/100 Display Stand for Vertical Use 	<ul style="list-style-type: none"> T100/650 Splash Proof Cover VS-T650/100 Display Stand for Vertical Use 	<ul style="list-style-type: none"> T100/650 Splash Proof Cover VS-T650/100 Display Stand for Vertical Use T100/650 Splash Proof Cover VS-T650/100 Display Stand for Vertical Use "Plug-In" WebPRINT interface solution for simple Web printing Star WebPRINT Browser Download option for TSP654IIBTi from the App Store & Google Play 	<ul style="list-style-type: none"> Buzzer T700 Splash Proof Cover Blue or Green & Red LED Paper Exit Guide Plug-in Interfaces (see above) "Plug-In" WebPRINT interface solution for simple Web printing Star WebPRINT Browser Download option for TSP743IIBTi from the App Store & Google Play 	<ul style="list-style-type: none"> Buzzer Blue or Green & Red LED Paper Exit Guide Plug-in Interfaces (see above) "Plug-In" WebPRINT interface solution for simple Web printing Star WebPRINT Browser Download option for TSP847IIBTi from the App Store & Google Play 	<ul style="list-style-type: none"> MK-FVP10 Mounting Bracket Plug-in 2nd Interfaces (see above) "Plug-In" WebPRINT interface solution for simple Web printing 	

SPECIFICATIONS



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