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2022 / UK1

star 

POS Printing Solutions

PIONEERING TRADITIONAL AND TABLET POS TECHNOLOGY

star 

Contents



A global manufacturer of POS hardware, Star Micronics has been supporting retailers for over 40 years to deliver efficient, reliable store solutions. At the forefront of product innovation and with a reputation for quality and reliability, Star manufactures the largest range of POS, mPOS and Kiosk printers and accessories currently available giving retailers a wider choice than ever before to meet individual Point of Sale requirements.

Delivering low cost, sophisticated and sustainable solutions...

Star's solutions provide fast, reliable printing for traditional POS, ticketing and labelling applications along with the flexibility needed to integrate with the very latest Tablet, Cloud and Omni-Channel POS and hospitality solutions. Star's dedication to leading advances in POS innovation alongside unique Star-developed technologies such as CloudPRNT™ and SteadyLAN™ has ensured successful installations into some of the world's largest retailers and restaurant chains.



More than just printers...

Star's success is built upon product innovation alongside strong relationships with the market's leading software partners, developers and systems integrators which has led to a range of platform independent integration tools to simplify and reduce development costs.

For software developers, Star's intuitive Software Developer Kits (SDKs) together with an experienced customer success team ensures simple integration of Star POS and mobile printers and accessories with the latest web and cloud-based POS software as well as custom apps.



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Star Product Summary and Specifications

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Affordable, sophisticated, sustainable

Combining sophisticated features and high functionality, Star's mC-Print2™ and mC-Print3™ receipt printers have been designed to aesthetically match the sleek, modern design of tomorrow's retail and hospitality environments.

The feature-rich, front-exit printers provide exceptional connectivity for Traditional and Tablet POS including direct printing from web and cloud-based applications. Star's unique SteadyLAN™ connectivity provides data, charging and network tethering directly to supported tablets without the need for WiFi – the stability of a cabled connection with the flexibility of a Tablet POS System is now possible.

- ▶ Feature-rich 2" and 3" receipt printers
- ▶ Stylish and compact design
- ▶ Superior connectivity for Tablet POS
- ▶ Direct web and cloud printing
- ▶ Paper saving features
- ▶ Hub functionality to directly control peripherals
- ▶ Star's unique SteadyLAN technology provides data, charging and network tethering for supported tablets

Key applications

- ★ **Traditional or Tablet POS**
- ★ **Retail**
Receipts, coupons, click & collect
- ★ **Hospitality**
Receipts, on-line food orders

mC-Print2

- mCP20** – Ethernet LAN, USB, CloudPRNT
mCP21LB – Ethernet LAN, USB, iOS USB with SteadyLAN, Bluetooth, CloudPRNT. Wireless LAN option. 2 USB Host Ports on hub model
- 100mm/sec 58mm front paper exit, top-loading thermal receipt printer
 - Compact, stylish design
 - Flat receipt design
 - Multiple interfaces, cash drawer and buzzer port plus 2 USB Host ports to connect scanner, display, RFID device etc. on hub model



mC-Print3

- mCP30** – Ethernet LAN, USB, CloudPRNT
mCP31L – Ethernet LAN, USB, iOS USB with SteadyLAN, Bluetooth, CloudPRNT. Wireless LAN option. 2 USB Host Ports on hub model
mCP31LB – Ethernet LAN, USB, iOS USB with SteadyLAN, Bluetooth, CloudPRNT. Wireless LAN option. 2 USB Host Ports on hub model
mCP31C – Ethernet LAN, USB-C with SteadyLAN, CloudPRNT. Wireless LAN option. 2 USB Host Ports on hub model
mCP31CB – Ethernet LAN, USB-C with SteadyLAN, Bluetooth, CloudPRNT. Wireless LAN option. 2 USB Host Ports on hub model
- 250mm/sec 80mm front paper exit, front-loading thermal receipt printer
 - Compact stylish design for under or top of counter or kiosk integration with Paper Near End Sensor (mCP31L/LB/C/CB)
 - Multiple interfaces, cash drawer and buzzer port plus 2 USB Host ports to connect scanner, display, RFID device etc. on hub models
 - IPX2 Splash Proof design for hospitality
 - Flat receipt design
 - Wall mount option



Sophisticated design



Unique Splash proof design with soft switches and raised control board for insect prevention.

Sustainability



The mC-Print3 offers easy paper saving with a 2mm top margin saving the planet's resources as well as reducing paper costs.

Flexible, upgradeable, connected

With multi-connectivity built in, mC-Print provides seamless multi-platform connectivity whether you are printing from an EPOS system, tablet or mobile device and can adapt as your business grows.

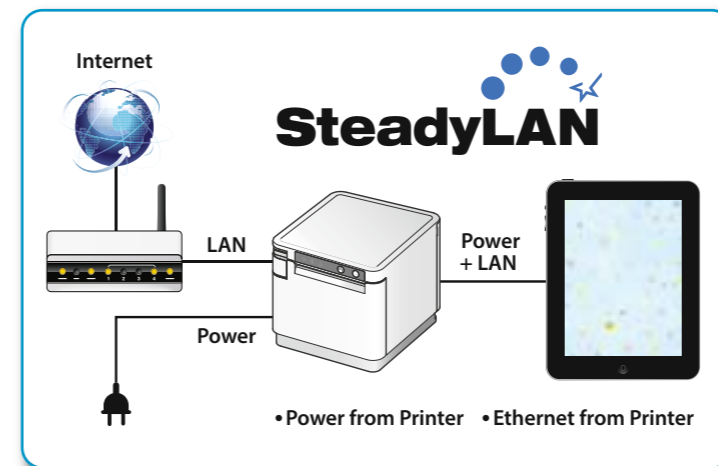
▶ SteadyLAN Network Connectivity

Reliable network access for Tablet POS

Star's SteadyLAN technology is the market's first POS technology to provide device charging and control of the printer and attached peripherals as well as network tethering for tablets and mobile devices via the printer's Ethernet port.

Stable internet connectivity is provided to tablets and mobile devices even when WiFi is not available.

See www.Star-EMEA.com for full information for each model.



▶ Star CloudPRNT

Star CloudPRNT technology which is built in to all mC-Print models allows direct printing from online ordering platforms and web sites to connected Star printers anywhere in the world. Ideal for printing retail click and collect orders or restaurant food orders direct to the kitchen without the need for a local tablet or POS system.



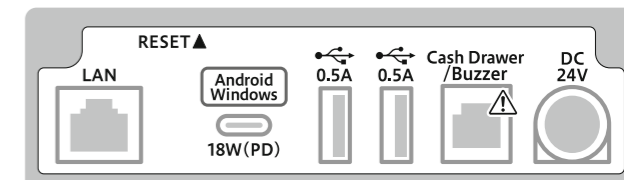
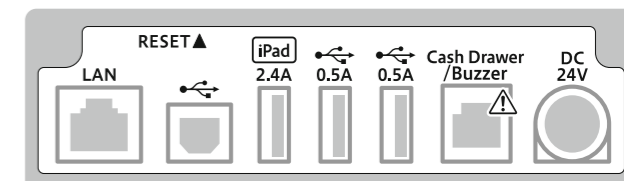
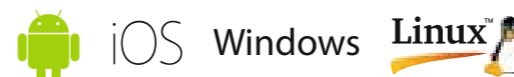
▶ Hub Connectivity

Cash drawer/buzzer connectivity is available on all models. Hub models also include 2 USB Host ports to connect additional peripherals such as display, scanner, RFID device etc.



▶ Simple set-up and Integration

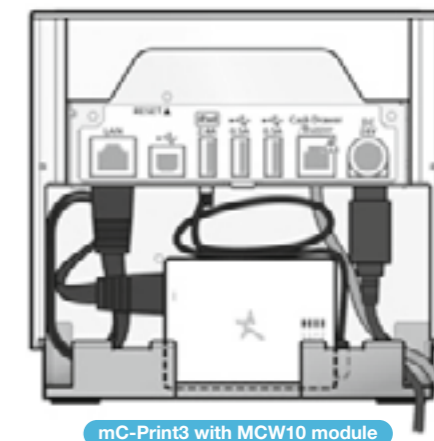
Set-up has never been simpler with Star's Quick Setup utility with online manuals and diagnostic tools. For software developers, Star's multi-platform API and comprehensive SDKs allow simple integration with Star's product range.



Additional 0.5A ports only available on hub models

▶ NEW Star MCW10 Wireless LAN Module for mC-Print

The new easy-set-up wireless LAN adapter fits neatly into the printer for wireless printer communication in retail and hospitality (contact Star for regions).



PC	Windows Driver, OPOS Driver, JavaPOS Driver, CUPS Driver
Tablet	StarPRNT SDK for iOS, Android & Windows
Web	WebPRNT (JavaScript, XML SDK), PassPRNT for iOS & Android (URL Scheme App)
Cloud	CloudPRNT (Direct Print from Server)

mPOP™

THE MOBILE POINT OF PURCHASE SOLUTION

Models

- mPOP White & Silver
- mPOP Black & Silver

Key applications

- ✦ Tablet POS
- ✦ Retail
- ✦ Hospitality
- ✦ Salon



Made for
 iPhone | iPad | iPod



For POS at its most elegant, Star's mPOP meets your business needs.



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

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

mPOP works with supported Apple iOS, Android and Windows tablets, giving retailers the freedom to use the platform that works for them.

► SIMPLE & Easy-to-use

Just one power cable is needed to operate the printer and cash drawer as well as connected peripherals. The clear mPOP LCDs will let you know any printing issues such as paper empty.

► Secure

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

at end of day, if required. There is also a more secure under counter mounting option if required.

► Reliable 100mm/second printer

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

► Compact cash drawer

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

► Software and Connectivity

See www.mPOP.com for more information about mPOP printer and cash drawer connectivity as well as the latest compatible Mobile POS, Retail and Hospitality software.

mPOP accessories & options



In the box at purchase:

- 58mm Thermal Printer & 6 coin/4 note holder cash drawer
- Printer Security Clip for attaching mPOP to counter
- Simple Tablet Stand to place tablet in upright or lower mode

Options available:

- POPPack Tablet Stand and mPOP Plate available in black or white
- 1D Scanner BCR-POP1 (black or white – check software support)
- SCD222 Customer Display with 2 lines of graphics via blue, back-lit, 160 x 40 pixel display. 141 x 79 x 60mm/ 210g
- Under-counter mount kit
- 3rd party Kensington lock
- Secure VESA mount base for 3rd party VESA stands
- Paper: Thermal – width: 57mm, roll diameter: 50mm, weight: 0.053 – 0.075gsm, core size: 12mm



► Hub Connectivity

Star's mPOP features additional USB host ports to connect a supported device or USB peripherals such as Star's SCD222 customer display or a 1D or 2D barcode scanner.

TSP100 Series

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

Key applications

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



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

TSP143IIU+

200mm/sec. USB Receipt Printer

Combining Star quality and reliability at an affordable price, the TSP143IIU+ USB printer offers fast thermal receipt printing, *futurePRNT* technology and all the features you need for traditional, fixed POS for retail and hospitality.

TSP143IIIU

250mm/sec. USB Receipt Printer

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

TSP143III LAN

250mm/sec. LAN/Ethernet Receipt Printer

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

TSP143III WLAN

250mm/sec. Wireless LAN Receipt Printer

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

TSP143IIIBI Bluetooth

250mm/sec. Bluetooth Receipt Printer

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

futurePRNT Software

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

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



TSP100IV



Key applications

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



MCW10 Wireless LAN Module

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

Design

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

Enhanced Connectivity

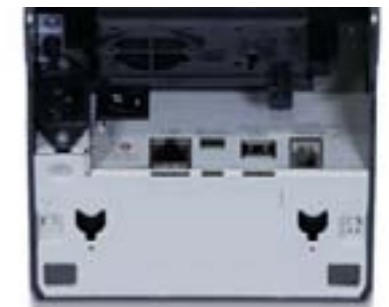
- Dual Interface USB and Ethernet LAN
- USB-C port for Windows, Linux and MacOS devices
- USB-A charging for both USB-C and MicroUSB based Android devices with Android Open Accessory (AOA) support for

direct communication and charging with compatible Android devices

- Wireless LAN connectivity with optional MCW10 Wireless LAN unit (contact Star for regions)
- Star CloudPRNT technology for printing directly from online ordering platforms and web sites
- StarPrinter.online and new SMCS (Star Micronics Cloud Services) support

Simple Operation

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



TSP100IV Multi-Connectivity Interfaces

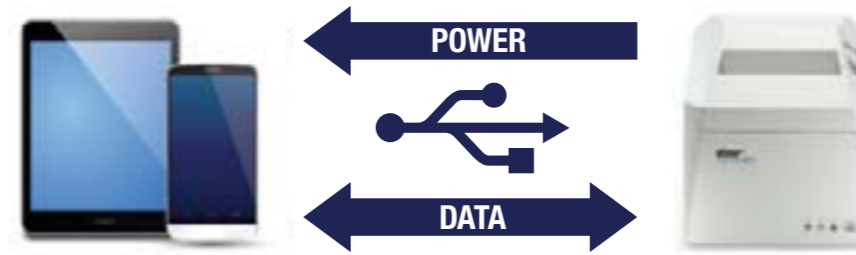
Star CloudPRNT

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



Android Open Accessory (AOA)

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



TSP650II Series

Entry level POS Receipt Printer with a range of plug-in interface options

Models

Interface versions available:

- TSP654II Non interface
- TSP654IID Serial
- TSP654IIC Parallel
- TSP654IIU USB
- TSP654IIE Ethernet
- TSP654IIBI Bluetooth
- TSP654II AirPrint
- TSP654II HI X with CloudPRNT
- TSP654IISK Linerless Label Printer

Key applications

- ✦ Traditional or Tablet POS
- ✦ Retail
Receipts, coupons, click & collect
- ✦ Hospitality
Receipts, labels, on-line food ordering



A fast 300mm/second thermal POS receipt printer, the TSP650II offers versatility at all levels with a range of connection options for traditional EPOS as well as Tablet POS and web based systems. Retailers can choose to stick to a traditional PC-based system and then to switch to web or tablet solutions as they wish or to run both systems concurrently. The TSP650II combines high print quality and simple set up with Star's renowned reliability – all at great value.

- Fast single station transaction receipt printer producing receipts and tickets at 300mm/sec.
- High resolution print output 203dpi with standard and 2D barcode support
- Energy Star Certified including PS60 power supply
- Near end sensor for horizontal and vertical use
- Ergonomic design with optional splash-proof cover
- Star Auto-Logo™ 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
- Star Micronics Cloud Services Support

Options available:

- PS60 Power Supply
- Interface Options
- Splash-Proof Cover
- Vertical Desk Stand

Included in box at purchase:

- Wall Mount Kit
- Power Switch Cover
- Sample Paper Roll
- 58mm Paper Guide

TSP650II options



TSP654II AirPrint™

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

Star's TSP654II AirPrint™ is the first 80 and 58mm receipt and ticket AirPrint POS Printer certified by Apple. AirPrint is an Apple technology providing easy mobile printing solutions for Apple iPad, iPhone, iPod and MacBook users on any private network.

Star's TSP654II AirPrint printer will provide Ethernet and WiFi connectivity using Apple's AirPrint protocol.

(More information at www.Star-EMEA.com)



TSP654IIBI Bluetooth

High Performance, Entry Level MFi Bluetooth POS Printer with Cash Drawer Support



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



TSP654II HI X with CloudPRNT

LAN / WiFi remote printing direct from your web server

- Out-of-the-box CloudPRNT internet connection through WiFi or LAN with remote document printing from your web server. Perfect for restaurant aggregation, warehousing etc.
- WiFi Ready with Star's optional Wireless LAN module
- Star PassPRNT Print Data Relay Application
- Dual Interface USB/LAN

- Star's WebPRNT platform independent HTML/JavaScript printing from the Web included free of charge
- Peripheral ready – 2 USB Host ports to control attached peripherals including scanners, customer display, RFID devices with no PC required



TSP654IISK Linerless Printer

(see page 13)

Linerless label printer for variable length repositionable labels

- The Thermal Post-It™ note solution for the POS market providing the ideal "Re-Stick" customer labelling solution for Pizzerias, Take-Out, Cafés, Promotional Coupons, Special Fast Food Orders etc.
- Designed to work with MAXStick self-adhesive media

- Environmentally friendly labelling with an increased percentage of labels available per roll and no wasted backing paper to dispose of



Receipts, Labels & Ticketing for Retail



Key applications

- Retail**
Shelf edge labelling, product labelling
- Hospitality**
Food labelling
- Logistics**
Warehouse, delivery
- Kiosk**
Lottery, ticketing

Star's range of low cost, high quality, reliable label and ticket printers allow accurate, fixed length printing with high quality graphics and barcodes for a variety of retail and industrial applications including delivery services, shelf edge, ID and warehousing.

Compact and easy-to-operate, Star's range of desktop and portable barcode label and liner-less label printers are simple to integrate into your current system thanks to the option of wired and wireless connectivity as well as sophisticated drivers for a wide selection of operating platforms.

Star also offers retailers of all sizes the opportunity to use the same printer for standard receipting as well as "heavyweight" label or ticket printing. Star's reliable build quality is able to offer both functions.

Desktop and Mobile Receipt, Label and Ticket Printers



Made for
iPhone | iPad | iPod

- TSP700II**
80mm receipt, label and ticket printer – 10cm paper roll
- TSP800II**
112mm receipt, label and ticket printer – 10cm paper roll
- TSP654IISK**
Liner-less label printer for re-positionable labels

- SM-L200**
58mm mobile receipt and label printer with Bluetooth/BLE connectivity
- SM-L300**
80mm mobile receipt and label printer with Bluetooth/BLE connectivity
- SM-T300i/SM-T400i**
80/112mm rugged Bluetooth mobile receipt and label printers



Labelling for all Environments...

What size do you need?

Star's high quality printers offer a variety of print widths from 32 to 104mm and can print high quality graphics, text and barcodes in landscape or portrait format, allowing you to print the label length you need or smaller labels in multiple labels per row.

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



32 to 104mm print widths

Compact, lightweight printers for so many labelling environments:

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

Liner-Free Labelling from MAXstick™

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



MAXSTICK
innovation that sticks

TSP654IISK Linerless Label Printer

Linerless label printer for variable length repositionable labels with paper taken sensor



Key applications

- Hospitality**
Food labelling, kitchen order printer
- Retail**
Retail labelling, click and collect
- Logistics**
Warehouse labelling



The Star TSP654IISK is a cost effective, eco friendly direct thermal linerless label printer for printing repositionable food and allergy labels, food and drink orders and bag labels as well as product labels for retail and logistics.

With a fast print speed and compact design, the TSP654IISK prints high resolution text and graphics on linerless MAXstick media on 40mm, 58mm or 80mm roll widths, significantly reducing paper wastage and media costs. The TSP654IISK also offers a high quality anti-jam guillotine cutter and paper taken sensor with optional buzzer alert for efficient order management.

- Compact, direct thermal linerless label printer for MAXstick repositionable adhesive liner-free media
- Fast 180mm/s print speed with high quality guillotine cutter
- 80mm paper width (40mm and 58mm with supplied paper guides)
- Paper Taken Sensor for efficient order management
- Buzzer and cash drawer support
- iOS, Android and Windows compatibility with drivers available for all common operating systems
- Plug-in interfaces including USB, Ethernet LAN and HI X Connect. Separate MFi certified Bluetooth version available
- Star WebPRNT and Star CloudPRNT technology for printing from online ordering and delivery software without a local tablet or POS system



Star Paper Taken Sensor

The TSP654IISK features a **Paper Taken Sensor** which can be enabled to hold each new label/order until the previous label has been taken. This assists efficient order management at busy times when multiple orders are being processed.

The taken sensor also allows the host software to know the time that the ticket was taken, how long after printing or how long before delivery the print job was started for increased efficiency.



TSP700II Series

Versatile High Speed **80mm** wide Barcode, Label, Receipt and Ticket Printers

Models

Interface versions available:

- TSP743IID Serial
- TSP743IIC Parallel
- TSP743IIU USB
- TSP743II HI X with CloudPRNT
- TSP743II Non-interface version for use with low cost Ethernet (HE07) option

Key applications

- ✦ Retail
- ✦ Hospitality
- ✦ Logistics
- ✦ Kiosk



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 cut) 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
- Black mark sensor for fixed length labels and tickets

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

TSP700II features & accessories



Barcodes, labels, receipts and tickets, all from one model.



"Drop-In & Print" Easy Paper Loading



Splash Proof Cover



Wall Mount Kit

TSP800II Series

Unique High Speed **112mm** wide Barcode, Label, Receipt and Ticket Printers

Models

Interface versions available:

- TSP847IID Serial
- TSP847IIC Parallel
- TSP847IIU USB
- TSP847II HI X with CloudPRNT
- TSP847II Non-Interface version for use with low cost Ethernet (HE07) option
- TSP847II AirPrint A4 to virtual A6 replacement printer

Key applications

- ✦ Retail
- ✦ Hospitality
- ✦ Logistics
- ✦ Kiosk

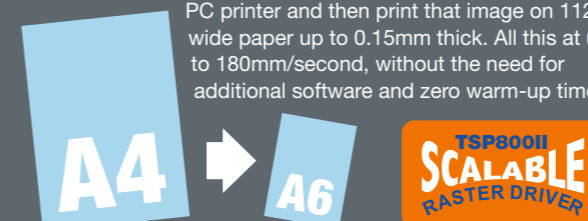


Providing unique versatility and cost effectiveness, the TSP800II series is capable of printing on wider than average media up to 112mm with an automatic A4 raster driver scaling A4 images onto A6.

- 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
- Black mark sensor for fixed length labels and tickets

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!



Apple AirPrint™

TSP847II – Apple AirPrint™ Certified 112mm Receipt, Label and Ticket Printer



Star TSP847II AirPrint is the first 112mm receipt, label and ticket AirPrint POS printer certified by Apple. AirPrint is an Apple technology providing easy mobile printing solutions for Apple iPad, iPhone and MacBook users on any private network.

Star's TSP847II AirPrint Solution will provide Ethernet and WiFi use with an Apple WiFi Alliance certified dongle included in the box with EU and UK power supplies.

Capable of scaling an A4 image onto 112mm wide paper, the TSP847II can be integrated as a cost effective receipt, ticket or label printer or an easy-to-use and compact alternative to standard A4 invoice or report printers in retail and hospitality environments with a faster print speed and significant paper and consumables cost savings.

Mobile Printing Solutions

Today's mobile workforce demands mobile printers that are light, fast and reliable indoors or out; whether you are producing labels for warehousing/logistics or providing on-the-go receipts for Tablet POS or Mobile Payment. Star's extensive range of feature-rich receipt and label printers provide the ideal solution.

Key applications

- Retail**
Mobile receipts, product coupons
- Logistics**
Delivery labels and invoices
- Transport**
Mobile receipts and tickets
- Hospitality**
Mobile receipts, food labels



iOS

Windows



Made for iPhone | iPad | iPod

star webPRNT

Star WebPRNT Browser for Bluetooth Mobile

Star's platform-agnostic WebPRNT™ solution is designed to generate print data via a web browser to output directly to Star mobile printers using Star's WebPRNT Browser Software available from Google Play or the App Store.

Star's 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 and barcodes.

WebPRNT SDKs including a demonstration page are available from Star's Global Support Site

www.starmicronics.com/support

SM-S230i

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

- High resolution 203 dpi and 80mm/second print speed
- Super compact & durable design – just 114 x 80 x 44mm and weighing 217g (inc. battery) with 1.5m drop test
- Auto detect pairing with Apple iOS (MFi certified), Android, Linux & Windows devices
- Multiple LED status display for easy use
- Maximum 19 hour battery life printing at 5 minute intervals



SM-T300i

Rugged 3" / 80mm Bluetooth Receipt and Label printer with Auto-Reconnect



- Pairs with iPad, iPhone and iPod Touch (MFi certified) as well as Android and Windows devices via Bluetooth
- Wired Serial Connection RS-232
- Receipts and fixed length labels
- High resolution 203dpi and 80mm/second print speed
- Rugged design with IP54 dust/splash-proof certificate
- 1.5m drop reliability
- Maximum 31 hour battery life, printing at 5 minute intervals

SM-T400i

Durable 4" / 112mm Bluetooth Receipt and Label printer with Auto-Reconnect

- Pairs with iPad, iPhone and iPod Touch (MFi certified) as well as Android and Windows devices via Bluetooth
- Wired Serial Connection RS-232
- Receipts and fixed length labels
- High resolution 203 dpi and 110mm/second print speed
- Rugged design with IP54 dust/splash-proof certificate
- 1.5m drop reliability
- Maximum 35 hour battery life printing at 5 minute intervals



SM-L200

Compact 2" / 58mm Bluetooth/BLE Receipt and Label printer with Micro USB Charging

- High resolution 203 dpi and 35mm/second print speed
- Super compact design just 122 x 83 x 44mm & weighing 220g with the battery
- Simple, no pin required auto pairing with Bluetooth/BLE devices including Apple iOS, Android, Linux & Windows
- Bluetooth Low Energy (BLE) allows the use of multiple iOS tablets as opposed to the traditional one-to-one
- Print receipts during the day and product labels after hours with traditional 58mm Label support with Black Mark & transmissive sensors
- Micro USB charging
- OLED display and 13 hour battery life
- Desk dock cradle charger & in-vehicle mount options



SM-L300

Compact 3" / 80mm Bluetooth/BLE Receipt and Label printer with Micro USB Charging

- High resolution 203 dpi and 65mm/second print speed
- Traditional 40 – 80mm Label support with Black Mark & transmissive sensors
- MAXStick™ ReStick style, liner-free label support
- Unprecedented 43 hour battery life!
- High contrast OLED Display for improved visibility of printer status
- Unique "flat", decurl paper feature
- Unique micro USB charging 5V desktop cradle charger
- Super compact design just 119 x 146 x 69 mm / 540g
- Bluetooth Low Energy (BLE) allows the use of multiple iOS tablets as opposed to the traditional one-to-one

SM-L200/SM-L300 options

5V Desktop Charging Cradle



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

Liner-Free Labelling from MAXStick™

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



Lottery and Ticket Printing Solutions

Star has successfully supplied printing solutions for the world's largest ticketing and lottery installations for more than three decades.



With a versatile range of desktop, mobile and kiosk products, Star's direct thermal ticket printers offer the speed, reliability and specialist features needed for any ticketing solution.

With over 30 years' experience we have used our expertise to integrate our printers into worldwide applications including transportation, event ticketing, queue management, lottery and mobile ticketing solutions.

Compact and easy-to-operate, our ticket printers are simple to integrate into your current system thanks to the option of wired and wireless connectivity as well as sophisticated drivers and software development kits (SDKs) for all major operating platforms.



TSP700II/TSP800II Series

Compact, High Speed Direct Thermal Ticket Printers

Models

Interface versions available:

- TSP700II 80mm
- TSP800II 112mm
- Serial, Parallel, USB, Ethernet, AirPrint, HI X Connect Interface options

Key applications

- ✦ Lottery
- ✦ Retail
- ✦ Hospitality
- ✦ Events
- ✦ Transportation

Simple Ticket Loading



Thermal ticket rolls or rear feed paper path for external fanfold tickets.



Their robust, compact design and ease-of use, make the TSP700II and TSP800II ideal for solutions which require high quality text, graphics and barcodes/QR codes at a fast 250mm per second.

With a high quality cutter and black mark sensor for fixed length printing, the TSP700II and TSP800II print accurate, on-demand tickets up to 112mm wide. With a broad range of connectivity options including Cloud connectivity, they can be situated on a counter top, wall mounted or simply integrated into self-service kiosks and ticketing machines.

- High speed output – up to 250mm per second
- High quality full or partial cut autocutter
- "Drop-In & Print" easy paper loading
- Thermal ticket rolls or fanfold media up to 80mm wide (TSP700II) or 112mm wide (TSP800II) with a thickness of up to 0.15mm
- Compact footprint – horizontal or vertical use
- Black mark sensor for fixed length tickets

TSP-L10 Series

High Performance Printer for Secure Transactions including Coupon, Lottery & Ticketing with 100 Ticket Stacker



Models

Interface versions available:

- TSP-L10UE Dual USB and Ethernet Interfaces and USB Host

Key applications

- ✦ Ticketing and Lottery
- ✦ Retail
- ✦ Warehouse/Logistics

TSP-L10 connectivity



Dual USB and Ethernet interface

Designed for Linux, the TSP-L10 series has been built specifically for OEMs and system integrators who require a level of hardware flexibility for the addition of other devices such as RFID readers using the TSP-L10's USB Host Port. With the Linux Star IO and QT library, the TSP-L10 offers the ultimate in flexible application development.

- 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
- 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

20cm High Capacity Paper Roll



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



Matrix and Slip Printers

Models

Interface versions available:

- SP298 MD Serial Version
- SP298 MC Parallel Version

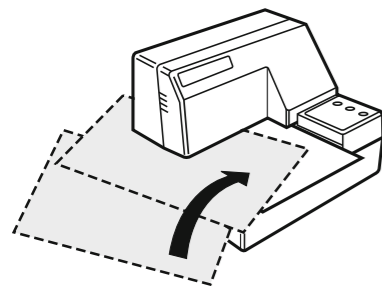
USB to either of the above is possible via a 3rd party adapter

Ribbons:

- RC200B Black Ribbon
- RC200BR Red/Black Ribbon

Key applications

- ★ **Pharmacy**
Prescription endorsement
- ★ **Hospitality**
Hotel invoicing, restaurant receipting
- ★ **Retail**
Point-of-Sale



SP298 AutoSide Loading™

SP298 Series

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



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

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

Models

Interface versions available:

- HSP7543 Hybrid Combination without MICR
- HSP7743 Hybrid Combination with bottom position MICR

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

Interface options:

- Serial HD04, 9-pin Serial HN04, Parallel HC04, USB HU08, LAN HE08

Ribbons:

- RC7KB Black Ribbon

Key applications

- ★ **Retail**
Point-of-Sale, coupon redemption, cheque printing
- ★ **Hospitality**
Hotel invoicing, restaurant receipting

HSP7000 Series

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

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

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



SP700 Series

Advanced, High Speed, Red & Black Matrix Receipt / Kitchen Printer



Models

Models available:

- SP712 Tear Bar Printer
- SP742 Autocutter Printer

Interface versions available:

- SP712/742 Non interface
- SP712/742D Serial
- SP712/742C Parallel
- SP742E Ethernet
- SP742BI Bluetooth

Interface options:

- HU08 USB Plug-in interface available
- HI02X Plug-in HI X interface with CloudPRNT

Ribbons:

- RC700B Black Ribbon
- RC700D Laundry Ribbon
- RC700BR Red/Black Ribbon

Key applications

- ★ **Hospitality**
Kitchen printer, restaurant receipting
- ★ **Retail**
Point-of-Sale receipting, dry cleaning

With its fast print speed of up to 8.9 lines per second, Clamshell™ design for easy paper loading and compact vertical or horizontal printing, the SP700 is a reliable receipt and kitchen printer for retail and hospitality applications.

- 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
- Plug-in interface options including HI X interface with Star WebPRNT and Star CloudPRNT for web and cloud based printing
- Wall mount/desk book and kitchen buzzer options available
- Dimensions: 160 (w) x 245 (d) x 152 (h) mm

SP700 options & features

MFi Bluetooth version



Made for iPhone | iPad | iPod

Easy Cleaning & Maintenance



Vertical or Horizontal use



"Plug-in" Interfaces

- Serial, Parallel, USB, Ethernet
- HI X Connect

star cloudPRNT



Two Colour, High Quality Graphics Printing



Kiosk Printing Solutions

KIOSK



As a leading provider of packaged and modular specialist kiosk printing solutions, Star offers a wide range of industry-leading products. With over thirty years' experience in the kiosk industry and an unrivalled reputation for reliability, Star has a highly experienced Hardware Engineering Team that can provide the technical expertise and flexibility required to develop customised products. This wealth of experience pushes the boundaries in POS and tablet POS printing to bring the most advanced kiosk solutions.



With customers worldwide across retail and hospitality, Star's solutions meet the demands of even the most compact kiosk designs, while offering high performance printing that remains unrivalled today.



The Star Choice

Specialist Packaged

Star's packaged printers offer ease of installation, a variety of interface options and are CloudPRNT compatible for internet connected services. Ideal for self-service kiosks where staff are physically present to replenish print media.

- Lower cost hardware in comparison to modular solutions

- Easier to install, change paper rolls and maintain with the front-loading mC-Print3
- 10cm roll has 60% more paper on the roll than the standard 8cm offered by other packaged printers (TSP700II and TSP800II)
- Snout option available for TSP700II
- TSP700II and TSP800II for labelling and heavier ticket stock solution for 58/80/112mm wide media



Star TSP700II, TSP800II & mC-Print

Modular Open Frame

Star TUP & Sanei printers offer traditional kiosk printing solutions that are flexible and adaptable in application. The TUP range is extremely flexible with a modular solution and long cables for customised installs for limited space enclosures whilst the Sanei range is a lower cost, more compact, "fixed" open frame kiosk mechanism.

- Larger paper roll options for less frequent paper changes – talk to Star support to discuss options (support@star-emea.com)
- Presenter/bezel options are available with Document Capture/ "retract & retain"

- Transmissive, Gap & Black Mark sensors for ticketing & labelling (without presenter)
- The Sanei is capable of operating at lower temperatures (-20 to +60°C).
- The TUP range has greater connectivity options in comparison to Sanei: Sanei (USB & Serial), TUP no interface supplied – choose from USB, Serial, Parallel or LAN (TUP500 only)
- Sanei 58mm & 80mm "Bucket" models for "Drop-In & Print" easy paper loading
- All Sanei models feature status/error email capability
- 12v Sanei SK1-21H/SK1-31H models for solar energy power etc.



Star TUP & Sanei Range

Tablet Kiosk

Aid the design of the new generation, compact Tablet Terminals with Star's wide range of tablet printing solutions with connectivity at every level including the unique mC-Print3 and TSP100 models for direct cabled "data & charge" to supported tablets. mC-Print3 also offers SteadyLAN connectivity for direct cabled internet access to tablets. Bluetooth, LAN & Cloud receipt, label & ticket printer solutions on media up to 0.15mm are also available. Star's range includes:

- **Packaged Printers:** TSP100, TSP654/mC-Print with partial cut and Near End Paper Sensor

- **Open-Frame Printers:** including the Sanei range – SK1-221 / SK1-321 "bucket" paper loading versions with Bezel option

UNIQUE Connectivity options tailored for Tablet Terminals:

- TSP100 models with USB "data & charge" and mC-Print with SteadyLAN & CloudPRNT. HI X Printer Series with CloudPRNT
- mC-Print and HI X Series hub functionality with 2 USB host ports to directly control Star SCD222 customer display and a range of scanner and RFID devices
- TSP654II and TSP847II AirPrint



Star mC-Print3, TSP100 and TSP654II Series including Apple AirPrint™ & Sanei Range

Ideal for applications where a lower cost tablet is used for its compact size/slim profile, ease of use and connected services on sites where staff are present to replenish print media. Star's mC-Print3 and HI X Printer Series simplify the kiosk design providing a hub with 2 USB host ports for SCD222 customer display and a range of different scanners as well as remote communication.

The Star Difference

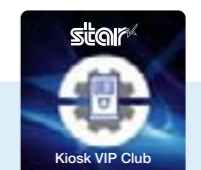
Integration Made Easy

Star's investment, expertise and relationships with industry giants such as Microsoft, Google and Apple ensure developers can integrate Star printers with a consistent experience. Its sophisticated drivers support industry standards from all major operating systems and Star prides itself on the quality of SDKs, source code and Technical Manuals available to developers.



Technical Innovation

- SDKs and Source code for kiosk builders who prefer to communicate directly with the printer's port for greater status feedback. Contact Star or go to www.starmicronics.com/support
- Remote firmware updates removing the need for site visits
- Print Verification Status feedback
- Remote communication – CloudPRNT with HI X Connect compatible printers, mC-Print and TSP100IV models
- A4-A6 automatic scaling Tool for up to 80% savings compared to a typical laser printer



Star Kiosk VIP Club
Star has expanded the Star VIP Club with the launch of Star Kiosk VIP Club. Star Kiosk VIP Club members have access to additional sales, technical and marketing resources designed to help you develop your solution with the support of Star behind you.
Find out more and apply online at www.StarVIP.Club

Sanei Kiosk Printer Series

Key applications

- ✦ Retail
- ✦ Hospitality
- ✦ Ticketing
- ✦ Warehouse/Logistics



Entry-level, Super-Compact, Open Frame Printers

Star is now providing a wide range of Sanei kiosk mechanisms for limited space enclosures. Available in 2", 3" and 4" widths with gap/black mark sensor for label printing, the Sanei range of barcode, ticket, receipt and label kiosk mechanisms offer fast, high quality 203 dpi printing at speeds up to 250mm/second.

Sanei kiosk printers are low profile and ultra-light weight with flexible mounting options including vertical orientation 90° position for the thinnest of vertical footprints matching today's latest generation of slim-line kiosks.

Contact support@Star-EMEA.com for full specifications and options.

SK1-211/311/311SK Series

Compact and ultra-lightweight 2" 58mm and 3" 80mm open frame kiosk printers. SK1-311SK Linerless model

- Max. 250mm/sec print speed
- Max. φ120mm paper roll as standard. 250mm option
- Max. 150µm paper
- Auto-loading function
- Selectable partial or full cut
- Dual Serial and USB interface
- StarPRNT or ESC/POS™ with Windows, Linux and Android drivers

SK1-221/321 Series

Compact and ultra-lightweight 2" 58mm and 3" 80mm "Bucket" Style Printers with "Drop-In & Print" paper loading

- Max. 250mm/sec print speed
- Max. φ83mm paper roll as standard
- Max. 150µm paper
- Auto-loading function
- Selectable partial or full cut
- Dual Serial and USB interface
- StarPRNT or ESC/POS™ with Windows, Linux and Android drivers

SK1-41 Series

Wide format 4" 112mm open frame kiosk printer

- Max. 150mm/sec print speed
- Max. φ120mm paper roll as standard. 250mm option
- Max. 120µm paper
- Easy Paper insert with fully opening cover
- Selectable full or partial cut
- Dual Serial and USB interface
- ESC/POS™ with Windows, Linux and Android drivers

SK4-21/SK4-31 Series

Compact, economical 2" 58mm and 3" 80mm open frame kiosk printers

- Max. 150mm/sec print speed
- Max. φ83mm paper roll
- Max. 85µm paper
- 3 paper positions
- LED Bezel and Anti-Paper Jam Bezel options available
- Windows Utility drivers with remote status monitor
- Selectable full and partial cut
- Dual serial and USB interface
- ESC/POS™ compatible
- Auto-loading function

SK1-21H/31H Series

Compact 2" 58mm and 3" 80mm kiosk printers with 12V power supply

- Max. 150mm/sec print speed
- Max. φ120mm paper roll as standard. 250mm option
- Max. 100µm paper
- Selectable full and partial cut
- Energy Saving mode
- Wide operating temperature range
- Easy paper loading with side open head
- Dual serial and USB interface
- ESC/POS™ compatible
- Auto-loading function

Sanei options & features



Vertical paper position options



LED Presenter options



Paper holder and paper arm options



Flashing LED and anti-jam bezel options

For full range of Sanei options, please contact support@star-emea.com

TUP500 Series

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

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



TUP500 features



TUP500 Programmable LED Flashing Paper Exit Guide



Easy Paper Load – simply "lift and tilt" mechanism and insert paper



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



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

Models

Models available:

- TUP592 Open Frame Printer with Presenter
- TUP542 Open Frame Printer without Presenter for labels

Interface options:

- USB HU07, Ethernet HE07, Serial HD03, Parallel HC03

TUP options

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

"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

Models available:

- TUP992 Open Frame Printer with Presenter
- TUP942 Open Frame Printer without Presenter for labels

Interface options:

- USB HU08, Serial HD04, Parallel HC04

Star Intelligent Printing and Connectivity

We're Here To Help Every Step Of The Way...

Star's success is built upon product innovation along with strong relationships with the market's leading software partners, developers and system integrators which has led to a range of Cloud, Plug-in and platform independent integration tools to simplify and reduce development costs.



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

Star CloudPRNT

Star's CloudPRNT technology is an HTTP, JSON based protocol for remote printing directly from a web server to connected Star printers anywhere in the world and is available across a selection of Star's traditional and very latest range of printers.

► mC-Print and TSP100IV Series

All of Star's mC-Print series and new TSP100IV printers are Cloud-ready. Certain models in the mC-Print series also offer hub functionality with additional USB ports for local or Cloud based peripheral control of Star's SCD222 customer display, scanners or other supported peripherals.

► HI X Connect Printers

The HI X Connect Interface offers dual USB/LAN connectivity plus WiFi using a selection of compatible dongles. Star's WebPRNT, CloudPRNT and Cloud Services technologies are also included plus 2 additional USB host ports for control of the SCD222 customer display, 1D and 2D scanners or other supported peripherals.

The HI X Connect Interface is available for Star TSP654II thermal receipt printer, TSP700II and TSP800II receipt, barcode, label and ticket printers and SP700 matrix kitchen printers.

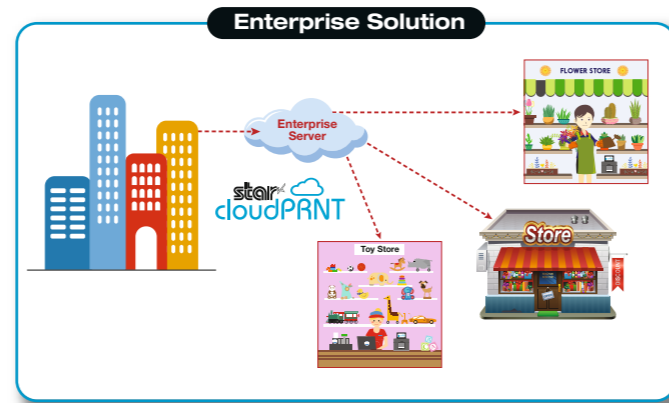


► CloudPRNT SDK

Star's new CloudPRNT SDK provides helper features able to assist with status decoding, print job media format negotiation, and print job conversion. For integration purposes it provides .NET API, CPUtil and Star Document Markup, a simple, easy to use markup language intended to provide the features typically required for remote ordering and POS printing.



Star cloudPRNT



► StarPrinter.Online managed CloudPRNT Service

For customers who prefer a managed service, Star has introduced StarPrinter.online, a dedicated service for retailers and restaurant owners to monitor their printer estate.

- Minimal set-up time and cost with near zero integration. Remotely manage your devices from a central location with no need to manage local IP addresses
- Use our REST API, or a bridging service/plugin to connect existing applications and websites to a printer without writing any code
- Reliable tracking of print jobs. Receive webhook based notification of device status changes, print job results, barcode scans, new device connections to a group, etc.
- Scalable as businesses grow. Simply add more printers and peripherals when needed without having to worry about server upgrades

See <https://StarPrinter.Online> for more information and available regions

Star Drivers and StarPRNT SDK

Star's outstanding Software Development Support is unrivalled. Our multi-product API, Star IO, forms part of our Windows, iOS, Android and Linux based SDKs used by software houses worldwide integrating Star's feature-rich range of products. This, together with the back-up of Star's experienced support team, allows simple integration of platform-specific applications with Star products. For more information about integration support please contact us.



Star's extensive free-to-download drivers and SDKs are available from www.starmicronics.com/support

► www.StarVIP.Club

The Star VIP Club for Software Developers, System Integrators and Kiosk Builders offers a range of exclusive Sales, Marketing and Technical benefits. Members can also take part in competitions, receive rewards and support, as well as benefit from a number of additional initiatives.

Membership status (Gold/Silver/Bronze) is allocated based upon pre-determined criteria set out by Star Micronics EMEA. Find out more and apply at www.StarVIP.Club today!



StarXpand SDK

Star has a long history of providing comprehensive SDKs to give software developers the best possible experience integrating Star products.

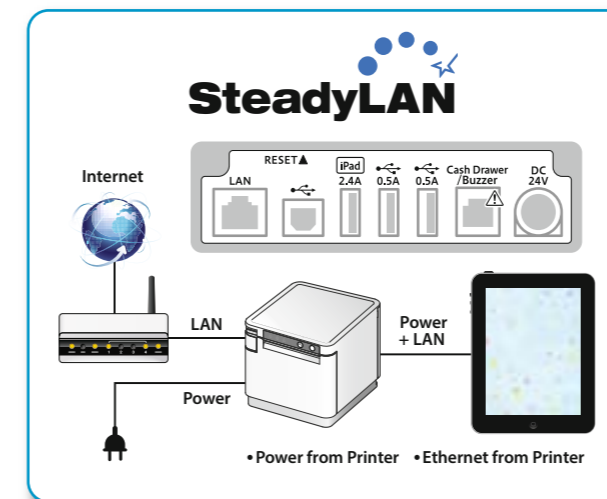
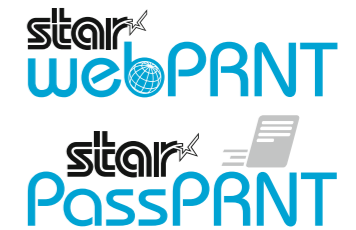
StarXpand continues this for the most up to date technologies to support existing platforms and also encompassing new cross platform technology for next-generation mobile app development. This includes Star printer control and connection in applications that utilise the cross-platform framework React Native, with a Star SDK available on GitHub.



Star WebPRNT and PassPRNT

With the 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 Software. This includes Star thermal receipt, ticket, label and mobile printers as well as SP700 matrix kitchen printer.

For Android or iOS developers, Star's PassPRNT sophisticated print data relaying application effectively receives data from an application such as Filemaker Go or any web browser including Safari/Chrome using a URL scheme to then print on a Star Bluetooth (Classic or BLE), LAN/WLAN or USB printer.



SteadyLAN

► Network Connectivity

Reliable network access for Tablet POS

Star's unique SteadyLAN technology is the market's first solution to provide control of the printer and attached peripherals as well as network tethering for tablets and mobile devices via the wired Ethernet port of the printer.

Simply by connecting a supported tablet to the mC-Print printer via the standard supplied USB cable and connecting the printer to the internet via a wired LAN connection, the tablet is able to connect to the internet without WiFi communication. At the same time, the tablet can communicate with the printer via USB or LAN and the printer will also charge the tablet.

For locations where WiFi connectivity is not possible or unreliable, the stability of a cabled internet connection combined with the flexibility of Tablet POS is now possible.

Star Cloud Services

Star Cloud Services has been established to bring IoT solutions to retailers by enabling Star Micronics POS printers in stores today to become cloud-connected devices.

Star Cloud Services offers a variety of services to enable retailers to better engage and activate shoppers. This includes Star Digital Journal Service and Device Management, a Cloud Hardware Monitoring Service which enables the retailer to view connected printers and cash drawers in a Cloud based portal listing.



POS Peripherals

CB2002 Cash Drawer

Cost effective, secure cash drawer for tablet and traditional POS. Available in black and white to match Star printers.



- Driven by peripheral drive circuit with compulsion switch
- 3 position key lock with drawer release and large value note slot
- Options: under desk Z brackets, lockable tray cover, note holder bracket and divider
- Dimensions: 410 x 415 x 114mm / 7kg
- CB2002 FN** – 4 flat note clips and 8 coin slots
- CB2002 UN** – 8 upright note and 8 coin slots



Tray with flat note clips



Upright notes tray

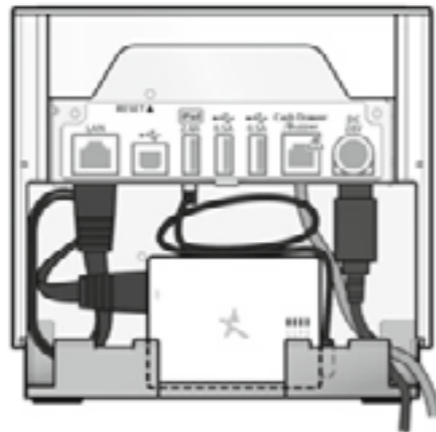
CB-2002 options



MCW10 Wireless LAN Module

The new easy-set-up wireless LAN adapter for mC-Print and TSP100IV fits neatly into the printer for wireless printer communication in retail and hospitality.

MCW10 available in certain regions only. Please contact Star.



Customer Displays



Star SCD222 Customer Display

Star's new mini Customer Display has been designed to specifically work with Star's unique mPOP, mC-Print and HI X Connect printers through the USB port and is available in white or black casing.

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



Buzzer Alarms

mC-Sound

Part of Star's mCollection, the mC-Sound audible device features 16 pre-registered sounds and has a blue illuminated LED for visual alert. Users can select the sound and volume level from a host device. The mC-Sound can be installed on or in the casing of Star's mC-Print printers.



mC-Sound



Buzzer Alert BU104

Ideal for kitchens and high volume environments, the BU104 is compatible with a range of Star's POS printers and connects directly to the RJ12 port on the back of the printer.

Thermal Printers

STAR PRINTER SERIES	mC-Print2 Series	mC-Print3 Series	TSP100III+ Series	TSP100III Series	TSP100IV Series	TSP650II Series	TSP700II Series	TSP800II Series	mPOP
	Pages 4-5	Pages 4-5	Page 8	Pages 8-9	Page 9	Pages 10-11	Page 14	Page 15	Page 6-7
Description	58mm receipt printer with multiple interfaces, Star CloudPRNT and Peripheral Hub	80mm front operating receipt printer with multiple interfaces, Star CloudPRNT and Peripheral Hub	80mm entry level USB receipt printer	80mm receipt printer with fixed interface options	80mm dual USB / LAN receipt printer with AOA Android support and Star CloudPRNT	80mm receipt printer with plug-in interface options	80mm receipt, label, ticket and kiosk printer	112mm receipt, label, ticket and kiosk printer	Combined 58mm receipt printer and cash drawer
Application	Receipts	Receipts, Kiosk	Receipts	Receipts	Receipts	Receipts, Labels (TSP654SK)	Receipts, Labels, Tickets, Kiosk	Receipts, Labels, Tickets, Kiosk	Receipts
Max. Print Speed	100mm/sec.	250mm/sec.	200mm/sec.	250mm/sec.	250mm/sec.	300mm/sec.	250mm/sec.	180mm/sec.	100mm/sec.
Resolution	203 dpi	203 dpi	203 dpi	203 dpi	203dpi	203 dpi	203 dpi, 406 x 203 dpi selectable	203 dpi, 406 x 203 dpi selectable	203 dpi
No. of Columns	48 col.	64 col.	48 / 64 col. depending on paper width	48 / 64 col. depending on paper width	48 / 64 col. depending on paper width	48 / 64 col. depending on paper width	48 / 64, 53 / 71 col	Max. 104 col.	48 col.
Autocutter	Full or partial cut (guillotine)	Partial cut (guillotine)	Partial cut (guillotine)	Partial cut (guillotine)	Partial cut (guillotine)	Partial cut (guillotine)	Full or partial cut (guillotine)	Full or partial cut (guillotine)	Full or partial cut (guillotine)
Paper Width	58mm	80mm standard (58mm with paper guide)	80mm standard (58mm with paper guide)	80mm standard (58mm with paper guide)	80mm standard (58mm with paper guide)	80mm standard (58mm with paper guide)	80mm standard, 82.5, 58mm	112mm	58mm
Paper Thickness	0.053 – 0.075mm	0.053 – 0.075mm	0.053 – 0.085mm	0.053 – 0.085mm	0.049 – 0.085mm	0.053 – 0.085mm	0.065 – 0.15mm	0.065 – 0.15mm	0.053 – 0.075mm
Max. Paper Roll Diameter	54mm	83mm	83mm	83mm	83mm	83mm	100mm or External Paper Feed	100mm or External Paper Feed	50mm
Media Presentation	Front Receipt Exit, Top Paper Loading	Front Receipt Exit, Front Paper Loading	User Selectable Paper Delivery options with Mounting Bracket included	User Selectable Paper Delivery options with Mounting Bracket included	User Selectable Paper Delivery Options. Wall mounting inclusive	User Selectable Paper Delivery options with Mounting Bracket included	User Selectable Paper Delivery Options with Mounting Bracket included & optional Paper Exit Guide	User Selectable Paper Delivery Options	Front Receipt Exit, Front Paper Loading
Print Width	54mm / 50.8mm / 48mm default	50.8mm / 72mm default	50.8mm (58mm Paper), 72mm (80mm Paper)	50.8mm (58mm Paper), 72mm (80mm Paper)	50.8mm (58mm Paper), 72mm (80mm Paper)	50.8mm (58mm Paper), 72mm (80mm Paper)	Max. 80mm	Max. 104mm	54 or 48mm
Sensors	Paper End, Cover Open	Paper End, Paper Near End (mCP31L/LB, mCP31C/CB), Cover Open	Paper End, Cover Open	Paper End, Cover Open	Paper End, Cover Open	Paper End, Paper Near End (horizontal & vertical), Cover Open	Black Mark, Paper End, Paper Near End (horizontal & vertical), Cover Open	Black Mark, Paper End, Paper Near End (horizontal & vertical), Cover Open	Paper End, Cover Open
Connectivity	mCP20: USB, LAN, Cloud mCP21LB: USB, LAN, Cloud, iOS USB with SteadyLAN, Bluetooth, Wireless LAN with MCW10 option, 2 x USB Host Ports (on hub models) mCP31C: LAN, Cloud, USB-C with SteadyLAN, Wireless LAN with MCW10 option, 2 x USB Host Ports (on hub models) mCP31CB: as above with Bluetooth	mCP30: USB, LAN, Cloud mCP31L: USB, LAN, Cloud, iOS USB with SteadyLAN, Wireless LAN with MCW10 option, 2 x USB Host Ports (on hub models) mCP31LB: as above with Bluetooth mCP31C: LAN, Cloud, USB-C with SteadyLAN, Wireless LAN with MCW10 option, 2 x USB Host Ports (on hub models) mCP31CB: as above with Bluetooth	USB	TSP143IIIU: USB with iOS Data & Charge TSP143III: Ethernet TSP143IIIB: Bluetooth TSP143IIIV: WLAN	USB-C, LAN, USB-A with AOA Android Data & Charge, Star CloudPRNT Wireless LAN with MCW10 option (contact Star for regions)	Plug-in Serial (HD03), 9-Pin Serial (HN03), Parallel (HC03), USB (HU07), Ethernet (HE07), HI X Connect with CloudPRNT (HI01X) Separate Bluetooth and AirPrint models	Plug-in Serial (HD03), 9-Pin Serial (HN03), Parallel (HC03), USB (HU07), Ethernet (HE07), HI X Connect with CloudPRNT (HI01X)	Plug-in Serial (HD03), 9-Pin Serial (HN03), Parallel (HC03), USB (HU07), Ethernet (HE07), HI X Connect with CloudPRNT (HI01X) Separate AirPrint model	Contact Star for connectivity options
Power Supply	External PS60C included	External PS60C included	Internal with power cable included	Internal with power cable included	Internal with power cable included	External option PS60	External option PS60	External option PS60	Internal with power cable included
Power Consumption	19.2W Printing 1.44W Standby	45.6W Printing 1.68W Standby	45W Printing 3.4W Standby	46W Printing 3.5W Standby	43W Printing 3.5W Standby	45.6W Printing 3.6W Standby	43.2W Printing 3.6W Standby	48W Printing 2.88W Standby	32.34W Printing 25.77W Standby
Energy Star Certified	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes
Reliability	60 million lines 1 million cuts	60 million lines 2million cuts	60 million lines 2 million cuts	60 million lines 2 million cuts	60 million lines 2 million cuts	60 million lines 2 million cuts	60 million lines 2 million cuts	37 million lines 2 million cuts	18 million lines 300,000 cuts
Dimensions (w x d x h) mm Weight	96 x 113 x 100 0.8kg	132 x 140 x 125 1.3kg	142 x 204 x 132 1.68kg	142 x 204 x 132 1.68kg	140 x 169 x 123	104 x 203.5 x 132 1.60kg	147 x 312 x 148 1.75kg	180 x 213 x 148 1.9kg	308 x 300 x 100 3.3kg
Options and Accessories	In box: • PS60 Power Supply Options: • mC-Print Cable Tidy • mC-Sound Buzzer Alarm • SCD222 Display • Star 1D Scanner • MCW10 Wireless LAN module	In box: • PS60 Power Supply • 58mm Paper Guide Options: • Wall mount kit • mC-Sound Buzzer Alarm • SCD222 Display • Star 1D Scanner • MCW10 Wireless LAN module (contact Star for regions)	In box: • Power Cable • Interface Cable • Wall Mount • Power Switch Cover • Paper Roll • 58mm Paper Guide Options: • T100 Splash Proof Cover • VS T100 Vertical Stand • Buzzer Alarm	In box: • Power Cable • Interface Cable • Wall Mount • Power Switch Cover • Paper Roll • 58mm Paper Guide Options: • T100 Splash Proof Cover • VS T100 Vertical Stand • Buzzer Alarm	In box: • Power Cable • Interface Cable • 58mm Paper Guide Options: • Buzzer Alarm • MCW10 Wireless LAN module (contact Star for regions)	In box: • PS60 Power Supply (check with reseller) • Wall Mount • Power Switch Cover • 58mm Paper Guide Options: • PS60 Power Supply • T650 Splash Proof Cover • VS T650 Vertical Stand • Buzzer Alarm • Plug-in Interfaces	In box: • Wall Mount • Power Switch Cover • 58mm Paper Guide • Cable Cover Options: • PS60 Power Supply • WB-T700 Wall Mount • T700 Splash Proof Cover • VS-T700 Desk Boot • Buzzer Alarm • Plug-in interfaces	In box: • Power Switch Cover Options: • PS60 Power Supply • WB-T800 Wall Mount • VS-T800 Desk Boot • Buzzer Alarm • 80mm Paper Guide • Plug-in interfaces	In box: • Power Cable • Counter Clip • Paper Roll Options: • Star 1D Scanner • SCD222 Display • POPPack Tablet Stand • VESA Mount • Under Counter Mount Kit

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

Mobile Printers

STAR PRINTER SERIES	SM-L200	SM-L300	SM-S230i	SM-T300i	SM-T400i
Description	Compact 2" (58mm) Bluetooth / BLE Mobile Receipt and Label Printer for Apple iOS, Android, Windows and Linux	Compact 3" (80mm) Bluetooth / BLE Mobile Receipt and Label Printer for Apple iOS, Android, Windows and Linux	Compact 2" (58mm) Bluetooth Mobile Receipt and Label Printer for Apple iOS, Android, Windows and Linux	Rugged 3" (80mm) Bluetooth Mobile Receipt and Label Printer for Apple iOS, Android, Windows and Linux	Durable 4" (112mm) Bluetooth Mobile Receipt and Label Printer for Apple iOS, Android, Windows and Linux
Application	Receipts, Labels	Receipts, Labels	Receipts	Receipts, Labels	Receipts, Labels
Max. Print Speed	35mm/sec.	65mm/sec.	80mm/sec.	80mm/sec.	110mm/sec.
Resolution	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi
Tear Bar / Autocutter	Tear Bar	Tear Bar	Tear Bar	Tear Bar	Tear Bar
Paper Width	58mm	40 – 80mm adjustable	58mm	80mm	112mm
Paper Thickness	0.053 – 0.12mm	0.053 – 0.085mm Labels up to 0.15mm MaxStick up to 0.086mm	0.058 – 0.075mm	0.06 – 0.07mm	0.06 – 0.07mm
Media Presentation	Desktop Cradle operation, Horizontal Desktop or Vertical Belt Strap	Desktop Cradle operation, Horizontal Desktop or Vertical Belt Strap	Horizontal Desktop or Vertical Belt Strap	Horizontal Desktop or Vertical Belt / Shoulder Strap	Horizontal Desktop or Vertical Belt / Shoulder Strap
Print Width	48mm	32 – 72mm	48mm	72mm	104mm
Sensors	Paper End, Cover Open, Black Mark (front and back)	Paper End, Cover Open, Black Mark, Transmissive Gap	Paper End, Cover Open, Black Mark	Paper End, Cover Open, Black Mark	Paper End, Cover Open, Black Mark
Interface	Bluetooth / Bluetooth Low Energy USB charging / communication cable included	Bluetooth / Bluetooth Low Energy USB charging / communication cable included	Bluetooth (2.1), iOS (MFi), USB communication cable included	Bluetooth (2.1), iOS (MFi), RS-232 Serial (cable included)	Bluetooth (2.1), iOS (MFi), RS-232 Serial (cable included)
Drop Test	1.2m	1.2m	1.5m	1.5m	1.5m
Power Supply	Desktop Cradle or USB charging / communication cable included	Desktop Cradle or USB charging / communication cable included	AC Charger & Battery Pack included	AC Charger & Battery Pack included	AC Charger & Battery Pack included
Power / Battery Life	3.7V rechargeable battery offering 13 hours printing at 5 minute printing intervals	7.4V rechargeable battery offering 43 hours printing at 5 minute printing intervals	7.4V rechargeable battery offering 19 hours printing at 5 minute printing intervals	7.4V rechargeable battery offering 31 hours printing at 5 minute printing intervals	7.4V rechargeable battery offering 35 hours printing at 5 minute printing intervals
Reliability	37 million lines 50km	37 million lines 50km	37 million lines 50km	37 million lines 50km	37 million lines 50km
Dimensions (w x d x h) mm Weight	83 x 122.5 x 44 220g (including battery)	119 x 146 x 69 540g (including battery)	80 x 114 x 44 217g (including battery)	120 x 130.5 x 58.3 120 x 132.2 x 58.3 (with MSR) 442g (including battery)	150.9 x 136.6 x 63.3 150.9 x 143.2 x 63.3 (with MSR) 735g (including battery)
Included in box with printer at purchase	• Battery Pack • Sample Paper Roll • Belt Clip • Safety Instruction Sheet • USB Cable	• Battery Pack • Sample Paper Roll • Belt Clip • Safety Instruction Sheet • USB Cable	• Battery Pack • Sample Paper Roll • Belt Clip • USB Cable • Battery Charger • Safety Instruction Sheet	• Battery Pack • Sample Paper Roll • Belt Clip • Serial Cable • Battery Charger • Safety Instruction Sheet	• Battery Pack • Sample Paper Roll • Belt Clip • Serial Cable • Battery Charger • Safety Instruction Sheet
Options	• Desktop Cradle Charger • In-vehicle Mount Bracket • Extra Battery Pack • Star WebPRINT Browser App download from the App Store & Google Play	• Desktop Cradle Charger • MSR version available • Extra Battery Pack • Star WebPRINT Browser App download from the App Store & Google Play	• 4 Unit Battery Charger • Single Battery Charger • Extra Battery Pack • Vehicle Charger • Star WebPRINT Browser App download from the App Store & Google Play	• 4 Unit Battery Charger • Shoulder Strap • Single Battery Charger • Extra Battery Pack • Vehicle Charger • MSR version available • Star WebPRINT Browser App download from the App Store & Google Play	• 4 Unit Battery Charger • Shoulder Strap • Single Battery Charger • Extra Battery Pack • Vehicle Charger • MSR version available • Star WebPRINT Browser App download from the App Store & Google Play

Matrix

STAR PRINTER SERIES	SP298	SP700 Series
Description	9-pin Matrix Slip Printers with AutoSide Loading™	UNIQUE 9-pin Red / Black Dot Matrix Printer Series
Application	Multi-part Receipts / Forms	Multi-part Receipts / Forms
Max. Print Speed	3.1 lps	4.0 to 8.9 lps
Resolution	7 x 9 half dot	7 x 9 half dot
Tear Bar / Autocutter	Slip Printer	Tear Bar and Full / Partial (Guillotine), Autocutter
Paper Width	up to 182mm	76mm default, 69.5, 58mm
Paper Thickness	0.09 – 0.20mm / 1+2 copies	0.06 – 0.085mm / 1+2 copies
Media Presentation	Horizontal mode	Vertical or Horizontal mode
Print Width	63mm	63 / 60 / 45mm
Sensors	AutoSide Loading	Paper End (Near End option)
Interface	RS232C or Parallel, USB with adapter	Serial, Parallel, Bluetooth, Non-interface. Plug-in options: Serial (HD04), 9-Pin Serial (HN04), Parallel (HC04), USB (HU08), Ethernet (HE08) Hi X with CloudPRINT (HI02)
Drop Test		
Power Supply	External PS60 (option)	Internal with cable provided
Power / Battery Life		
Reliability	9 million lines	22 million lines 1 million cuts
Dimensions (w x d x h) mm Weight	180 x 190 x 138.5 2.1kg	160 x 245 x 152 3.3kg
Included in box with printer at purchase	• Ribbon • Manual • Ferrite Core • Fastener	• Ribbon • Set-Up Guide • Internal Power Lead • Paper Guide • Paper Guide
Options	• PS60 Power Supply	• Buzzer Alarm • Wall Mount Kit • Vertical Kit • Plug-in interfaces

Hybrid

STAR PRINTER SERIES	HSP7000
Description	High Speed 203 dpi Thermal Receipt & Matrix Cheque / Slip Printer
Application	Multi-part Receipts / Forms
Max. Print Speed	250mm/sec. up to 8.9 lps
Resolution	203 dpi / 9-pin
Tear Bar / Autocutter	Partial Cut (Guillotine)
Paper Width	Thermal: 58, 76, 80mm Matrix: 68 – 230mm
Paper Thickness	Thermal: 0.065 – 0.085mm Matrix: 0.09 – 0.31mm
Media Presentation	Horizontal model Top Receipt / front Slip delivery
Print Width	Thermal: 72mm Slip: 85.4mm max.
Sensors	Paper End, Near End option, AutoSide Loading & Cheque validation
Interface	RS232C or Parallel with LAN / USB options
Drop Test	
Power Supply	External PS60 (option)
Power / Battery Life	45.6 W Printing 3.6 W Standby
Reliability	Thermal: 60 million lines Slip: 37 million lines
Dimensions (w x d x h) mm Weight	186 x 296 x 177 4.6kg
Included in box with printer at purchase	• Ribbon • Paper • Set-Up Guide • Paper Guide • Power Switch & Interface Covers • Wall mount kit
Options	• PS60 Power Supply • Interface options • MICR versions: • HSP7743 Bottom position • HSP7543 Non-MICR version

Specialist Thermal, Labelling & Ticketing

STAR PRINTER SERIES	TSP654IIISK	TSP-L10
Description	Direct Thermal Linerless Label Printer	High Performance Secure Transaction Printer able to print and stack 100 Tickets
Application	Labels	Receipts, Tickets
Max. Print Speed	180mm/sec.	300mm/sec.
Resolution	203 dpi	203 dpi
Tear Bar / Autocutter	Partial Cut (Guillotine)	Full Cut (Guillotine)
Paper Width	80mm standard, 58mm or 40mm with supplied paper guides	82.5mm
Paper Thickness	0.053 – 0.085mm	0.075 – 0.09mm
Media Presentation	MAXStick Plus Diamond linerless media rolls	100 Receipt / Ticket Stacker
Print Width	72mm	80mm
Sensors	Paper End, Paper Taken Sensor	Black Mark, Cover Open, Paper End, Near End (4 position)
Interface	Plug-in interfaces: Serial (HD03), USB (HU07), Ethernet (HE07), Hi X Connect with Star WebPRINT and Star CloudPRINT (HI01 X). Separate MFi certified Bluetooth model available TSP654IIISK BI	High Speed USB 2.0 + USB Host and Ethernet
Drop Test		
Power Supply	External PS60C Power Supply, Energy Star Certified	External PS60 (option)
Power / Battery Life		
Reliability	Print head 35km	60 million lines 2 million cuts
Dimensions (w x d x h) mm Weight	142 x 203.5 x 132	165 x 343 x 276 4.4kg
Included in box with printer at purchase	• Installation guide • Safety guide • Power switch cover • Sample thermal paper roll • 2 paper roll dividers • Wall mount kit	
Options	• PS60 Power Supply • Plug-in Interfaces (see above) • CB2002 Cash Drawer • VS-1650 Vertical Stand • BU-01 Buzzer	• PS60 Power Supply

Kiosk Printers

STAR PRINTER SERIES	TUP500 Series	TUP900 Series	SK1-211/311 Series	SK1-221/321 Series	SK1-41 Series	SK4-21/31 Series	SK1-21H/31H Series
Description	Modular Thermal 80mm Open Frame Kiosk Printers	Modular Thermal 112mm Open Frame Kiosk Printers	Compact Thermal 58mm and 80mm Open Frame Kiosk Printers with StarPRNT	Compact Thermal 58mm and 80mm "Bucket-Style" Kiosk Printers with StarPRNT	Wide Format Thermal 112mm Open Frame Kiosk Printers	Compact Economical 58mm and 80mm Open Frame Kiosk Printers	Compact 58mm and 80mm Kiosk Printers with 12V Power Supply
Application	Receipts, Tickets, Labels	Receipts, Tickets, Labels	Receipts, Tickets, Labels	Receipts, Tickets, Labels	Receipts, Tickets, Labels	Receipts, Tickets, Labels	Receipts, Tickets, Labels
Max. Print Speed	220mm/sec.	150mm/sec.	250mm/sec.	250mm/sec.	150mm/sec.	150mm/sec.	150mm/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	A4 Print Capability on 112mm Paper with Auto Scaling Software	SK1-211: Max 56 col. SK1-311: Max 80 col. depending on paper width	SK1-221: Max 56 col. SK1-321: Max 80 col. depending on paper width	Max 104 col. (8 x 16) Max 69 col. (12 x 24) depending on paper width	SK4-21: Max 56 col. SK4-31: Max 80 col. depending on paper width	SK1-21H: Max 56 col. SK1-31H: Max 80 col. depending on paper width
Autocutter	Full or partial cut (guillotine). Full only with Presenter & TUP592	Full or partial cut (guillotine). Full only with Presenter & TUP992	Full or Partial cut (guillotine)	Full or Partial cut (guillotine)	Full or Partial cut (guillotine)	Full or partial cut (guillotine)	Full or partial cut (guillotine)
Paper Width	45 – 82.5mm adjustable	80 – 112mm adjustable	SK1-211: 58/60mm SK1-311: 58/60, 80/83mm	SK1-221: 58/60mm SK1-321: 58/60, 80/83mm	80/83/112 mm	SK4-21: 58mm SK4-31: 80mm	SK1-21H: 58/60mm SK1-31H: 58/60, 80/83mm
Paper Thickness	0.065 – 0.15mm	0.065 – 0.15mm	0.059 – 0.15mm 0.10mm with presenter	0.059 – 0.15mm 0.10mm with presenter	0.059 – 0.12mm 0.075mm with presenter	0.059 – 0.085mm	0.059 – 0.10mm
Paper Roll Diameter	Standard: 150mm RHU option: 254mm (180mm vertical)	Standard: 150mm RHU option: 254mm (180mm vertical)	Standard: 120mm Option: up to 250mm	Max 83mm	Standard: 120mm Option: up to 250mm	Standard: 83mm	Standard: 120mm Option up to 250mm
Media Presentation	Front Exit on all versions with LED Bezel option (do not use with labels with presenter). Document Capture	Front Exit on all versions with metal Bezel option (do not use with labels with presenter). Document Capture	Front Exit with Presenter and Bezel options	Front Exit with Presenter and Bezel options	Front Exit with Presenter options	Front Exit with Bezel options	Front Exit with Presenter and Bezel options
Print Width	80mm	104mm with A4 to A6 scaling	SK1-211: 54/56mm SK1-311: 54/56, 72/80mm	SK1-221: 54/56mm SK1-321: 54/56, 72/80mm	72/80/104mm	SK4-21: 54mm SK4-31: 72mm	SK1-21H: 54/56mm SK1-31H: 54/56, 72/80mm
Sensors	Black Mark, Paper End, Paper Near End adjustable	Black Mark, Paper End, Paper Near End adjustable	Black Mark, Gap, Paper End, Paper Near End	Black Mark, Gap, Paper End, Paper Near End	Black Mark, Gap, Paper Near End	Black Mark, Paper Near End, Paper End	Black Mark, Paper Near End, Paper End
Interface	Supplied without Interface. Options: 9-pin or 25-pin Serial (HN03 or HD03), Parallel (HC03), USB (HU07), Ethernet (HE07)	Supplied without Interface. Options: 9-pin or 25-pin Serial (HN04 or HD04), Parallel (HC04), USB (HU08)	Dual Interface Serial and USB	Dual Interface Serial and USB	Dual Interface Serial and USB	Dual Interface Serial and USB	Dual Interface Serial and USB
Power Consumption	40.8W Printing 1.68W Standby	40.8W Printing 1.92W Standby	60W Printing 1.68W Standby	60W Printing 1.68W Standby	60W Printing 1.68W Standby	60W Printing 1.20W Standby	30W Printing 1.20W Standby
Power Supply	External PS60 option	External PS60 option	External PS60 option with CB-SK1-D3 Cable	External PS60 option with CB-SK1-D3 Cable	External SA3-27A240-1 option	External PS60 option with CB-SK1-D3 Cable	External PS60 option with CB-SK1-D3 Cable
Reliability	60 million lines 1 million cuts	37 million lines 1 million cuts	60 million lines 2 million cuts	60 million lines 2 million cuts	60 million lines 1 million cuts	60 million lines 1 million cuts	60 million lines 1.5 million cuts
Operating Environment	Temperature: 0°C to +50°C Humidity: 10% RH to 80% RH	Temperature: 0°C to +50°C Humidity: 10% RH to 80% RH	Temperature: -20°C to +60°C Humidity: 20% RH to 85% RH	Temperature: -20°C to +60°C Humidity: 20% RH to 85% RH	Temperature: -20°C to +60°C Humidity: 20% RH to 80% RH	Temperature: -5°C to +50°C Humidity: 20% RH to 80% RH	Temperature: -20°C to +50°C Humidity: 20% RH to 85% RH
Dimensions (w x d x h) mm Weight	TUP592: 160 x 234.1 x 179 2.5kg TUP542: 160 x 185 x 179 2.3kg TMP500 Mech: 134.9 x 100.6 x 102.8 700g	TUP992: 192 x 249.3 x 179 2.84kg TUP942: 190.7 x 199.1 x 179 2.54kg TMP900 Mech: 176.2 x 101 x 122 748g	SK1-211: ø83mm: 104 x 129.2 x 73.6 ø102mm: 104 x 137.3 x 79.5 ø120mm: 104 x 145.5 x 85.4 525g (without paper) SK1-311: ø83mm: 127 x 129.2 x 73.6 ø102mm: 127 x 137.3 x 79.5 ø120mm: 127 x 145.5 x 85.4 630g (without paper)	SK1-221: ø83mm: 104 x 129.2 x 73.6 525g (without paper) SK1-321: ø83mm: 127 x 129.2 x 73.6 630g (without paper)	ø83mm: 160.9 x 143.1 x 76.3 ø102mm: 160.9 x 151.2 x 82.2 ø120mm: 160.9 x 159.3 x 88.1 885g (without paper)	SK4-21: Paper – Standard position: 86 x 150 x 81.7 Top position: 86 x 75 x 130.2 Bottom position: 86 x 108.7 x 143.8 356g (without paper) SK4-31: Paper – Standard position: 106 x 150 x 81.7 Top position: 106 x 75 x 130.2 Bottom position: 106 x 108.7 x 143.8 410g (without paper)	SK1-21H: ø83mm: 104 x 129.2 x 73.6 ø102mm: 104 x 137.3 x 79.5 ø120mm: 104 x 145.5 x 85.4 525g (without paper) SK1-31H: ø83mm: 127 x 129.2 x 73.6 ø102mm: 127 x 137.3 x 79.5 ø120mm: 127 x 145.5 x 85.4 530g (without paper)
Options	• Interfaces (see above) • Green & Red LED Bezel • Near End Sensor • 25cm Paper Roll • PS60 Power Supply	• Interfaces (see above) • Metal Bezel • Near End Sensor • 25cm Paper Roll • PS60 Power Supply	• PS60 Power Supply and CB-SK1-D3 Cable • Presenter options • Bezel options • Large Paper Roll Holder options See www.Star-EMEA.com	• PS60 Power Supply and CB-SK1-D3 Cable • Presenter options • Bezel options See www.Star-EMEA.com	• SA3-27A240-1 Power Supply • Presenter options • Paper Roll Holder options See www.Star-EMEA.com	• PS60 Power Supply and CB-SK1-D3 Cable • Bezel options See www.Star-EMEA.com	• PS60 Power Supply and CB-SK1-D3 Cable • Presenter options • Bezel options • Paper Roll Holder options See www.Star-EMEA.com