A global manufacturer of POS hardware, Star Micronics has been supporting retailers for over 30 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 new SteadyLAN™ has ensured successful installations into some of the world’s largest retailers.

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 Cloud, Plug-in and 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.

## Contents

### Direct Thermal Receipt, Label & Ticket Printers
- **mC-Print Series** 58 and 80mm front-exit cube printers with up to 5 interfaces including new USB-C models and Hub  4-5
- **mPOP** Combined cash drawer & 58mm printer with Bluetooth connectivity  6-7
- **TSP100 Series** 80mm thermal receipt printers with futurePRNT software  8-9
- **TSP650II Series** 80mm thermal receipt printers with plug-in interfaces  10-11
- **TSP700II Series** Multi-functional 80mm receipt, barcode, label and ticket printers  14
- **TSP800II Series** Multi-functional 112mm wide receipt, barcode, label and ticket printers  15
- **FVP10 Series** Front operating, under counter 80mm receipt, barcode, label and ticket printers  13
- **TSP1000** Versatile 80mm thermal ticket/ lottery printers with 30 x receipt / ticket stacker and large paper roll  18
- **TSP-L10** High performance 80mm thermal ticket/lottery printers for secure transactions  19

### Direct Thermal Mobile Receipt, Label & Ticket Printers
- **SM-L200** Compact 58mm Bluetooth 4.0 / BLE mobile receipt and label printers with Micro USB Charging  17
- **SM-L300** Compact 80mm Bluetooth 4.0 / BLE mobile receipt and label printers with Micro USB Charging  17
- **SM-S230ii** Compact 58mm Bluetooth mobile receipt printer with auto-detect pairing  16
- **SM-T300ii** Rugged 80mm Bluetooth receipt and label printer with Auto-Reconnect  16
- **SM-T400ii** Rugged 112mm Bluetooth receipt and label printer with Auto-Reconnect  16

### Dot Matrix Kitchen & Receipt Printers
- **SP298 Series** 3.1 lines per second, reliable, cost effective 9-pin matrix slip printers  20
- **HSP7000 Series** 80mm direct thermal & 9 pin matrix hybrid receipt & cheque printers  20
- **SP700 Series** Fast, reliable 9-pin matrix receipt / kitchen / laundry printers with 2 colour printing  21

### Kiosk Printing Solutions
- **Sanei Printer Range** Range of versatile, super-compact open frame kiosk printers  24
- **TUP500 Series** Modular, open frame 80mm receipt, label and ticket kiosk printers  25
- **TUP900 Series** Modular, open frame 112mm receipt, label and ticket kiosk printers  25

### POS Peripherals and Accessories
- **CB2002 Cash Drawers** Cost effective, secure cash drawer for tablet and traditional POS  28
- **Scanners** 1D and 2D Barcode Readers for use with Star mC-Print, mPOP and Hi X Connect printers  28
- **SCD222 Customer Display** Mini USB Customer display for use with Star mC-Print, mPOP and Hi X Connect printers  28
- **Star Buzzer Alarms** mC-Sound and BU104 buzzer alarms for use with Star printer range  28

### Star Intelligent Printing and Connectivity
- Star’s range of Cloud, Plug-in and platform independent integration tools  26-27

### Star Product Summary and Specifications
- **Thermal Printer Range**  29
- **Mobile Printer Range**  30
- **Dot Matrix and Hybrid Printer Range**  30
- **Lottery and Ticket Printer Range**  30
- **Kiosk Printer Range**  31
mC-Print™ Changing the face of retail

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-entry 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 connectivity directly to supported tablets without the need for WiFi – the stability of a cabled network with the flexibility of a Tablet POS System is now possible.

Key applications
- Traditional or Tablet POS
- Retail
- Receipts, coupons, click & collect
- Hospitality
- Receipts, online food orders

mC-Print2

mCP20 – Ethernet LAN, USB, CloudPRNT
mCP21LB – Ethernet LAN, USB, iOS USB with SteadyLAN, Bluetooth, CloudPRNT + 2 USB Host Ports

- 100mm/sec 58mm front paper exit, top-loading thermal receipt printer
- Compact, stylish design
- Up to 5 interfaces including USB, LAN, Bluetooth, iOS USB with SteadyLAN connectivity for iPad/iPhone plus Star CloudPRNT technology
- Flat receipt design

- Hub functionality – cash drawer and buzzer port plus 2 USB Host ports to connect additional peripherals (scanners, RFID devices, Star display)
- Access to Star Cloud Services with digital receiving and Device Management

mC-Print3

mCP30 – Ethernet LAN, USB, CloudPRNT
mCP31LB – Ethernet LAN, USB, iOS USB with SteadyLAN, Bluetooth, CloudPRNT + 2 USB Host Ports
mCP31C – Ethernet LAN, Android/Windows USB-C with SteadyLAN, CloudPRNT + 2 USB Host Ports
mCP31CB – Ethernet LAN, Android/Windows USB-C with SteadyLAN, Bluetooth, CloudPRNT + 2 USB Host Ports

- 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 (mCP31LB, mCP31C/CB)
- Up to 5 interfaces including USB, LAN, Bluetooth, iOS USB or USB-C for Android/Windows/Linux with SteadyLAN connectivity for tablets plus Star CloudPRNT Technology

- IPX2 Splash Proof design with insect prevention for hospitality environments
- Flat receipt design
- Hub functionality – cash drawer and buzzer port plus 2 USB Host ports to connect additional peripherals (scanners, RFID devices, Star display)
- Wall Mount option

Flexible, upgradeable, connected

With the widest range of interfaces currently available, mC-Print printers provide seamless multi-platform connectivity whether you are printing from a PC, laptop, tablet or mobile device with a native application, cross platform environments such as Xamarin or web based applications.

NEW mC-Print3 USB-C™ versions available for Windows/Linux devices: mCP31C*, mCP31CB* – for Android, Windows, Linux, Mac with USB-C ports (with Power Delivery and SteadyLAN connectivity for supported tablets) *(available soon)

SteadyLAN Network Connectivity

Reliable network access for Tablet POS

Star’s unique SteadyLAN technology is the market’s first POS solution to provide control of the printer and attached peripherals as well as Ethernet provision to 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 and its cabled peripherals 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.

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

Star CloudPRNT

Star CloudPRNT provides intelligent, driverless printing from a local web browser or from a web server from any connected network to Star printers anywhere in the world. This means unparalleled flexibility for remote receipt and remote order printing using a standard receipt printer with no complicated network configurations and no longer any need for a local POS terminal.

Hub Connectivity

Star’s mC-Print printers feature a cash drawer/buzzer connector plus 2 additional USB Host Ports to connect additional peripherals such as Star’s SC22222 customer display and a range of 1D and 2D barcode scanners and RFID devices. This means the printer can effectively act as a hub, controlling a range of peripherals plus offering tablet connectivity and charging at the same time.

Simple set-up and Integration

Set-up has never been simpler with Star’s StarPRNT driver for Windows devices and easy Bluetooth and Ethernet Setup. iOS and Android Utilities with on-line manuals and diagnostic support tools are available. For software developers, Star’s 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 technical support team, allows integration with platform specific, or web based/multi platform applications.
mPOP
THE MOBILE POINT OF PURCHASE SOLUTION

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 all major mobile operating systems including Apple IOS, Android and Windows, giving retailers the freedom to choose the platform that works for them.

▶ Simple & Easy-to-use

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

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

▶ 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.

You can easily add a 2nd cash drawer under your counter. Just plug the cash drawer cable into the mPOP’s versatile range of ports at the base of the unit. Your software or your mPOP may be programmed to open this drawer separately or at the same time as your mPOP.

▶ Software

www.mPOP.com will put you in touch with the latest Mobile POS, Retail and Hospitality software that suits you and works with Star’s mPOP.

▶ Hub Connectivity

Star’s mPOP features a cash drawer/buzzer connector plus additional USB Host Ports to connect USB peripherals such as Star’s SCD222 customer display and a range of 1D and 2D barcode scanners or RFID devices. This means the mPOP can effectively act as hub, controlling a range of peripherals plus providing connectivity for iOS/Android/Windows tablets and charging for iOS devices.

Options available:
- POPPack Tablet Stand and mPOP Plate available in black or white
- 2D Scanner black or white – check software support
- 2D scanner cable for iOS devices.
- CB2002 2nd cash drawer option available in black or white

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

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.

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Adv...
**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
- Hospitality
- Receipts, coupons
- Kitchen orders

**TSP143 IIU ECO**

150mm/sec. USB Receipt Printer

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

**TSP143 III 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.

**TSP143 IIII 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 IPS or Access point mode. The unique Print-on-Disconnect customer warning feature is useful for identifying infrastructure network issues on the customer’s premises.

**TSP143 III BI Bluetooth**

250mm/sec. Bluetooth Receipt Printer

The TSP143 III BI 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.

**TSP100 ECO futurePRNT Software**

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

**Pre-Install Tool saving Time & Money**

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

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

**Receipt Redesign Tools for all TSP100 models**

- Image Import Tool for any size mono or colour BMPs, JPEGs or GIFs.
- Receipt Pre-View Tool
- Coupon Marketing Tool & Text Trigger Tool – allows customers to add or use pre-determined words to “trigger” coupons and graphics without affecting current software.
- Journal and Multi-Copy Tool – provides up to four copies with individual text and graphics per copy – perfect for DIY stores, fast food outlets etc.
- Auto-Text Reversal™ Tool – for vertical/wall mount use

**Paper Saving Tools**

- Automatic Receipt Reduction
- Receipt Printing on Demand using the Operator Prompt – Star’s TSP100 Series will do this for you without changing your core POS software

**Receipt Printing on Demand with Automatic Operator Prompt**

Star’s unique iOS Lightning cable port for iPad, iPhone and iPod communication provides device charging as well as direct cable data transfer between Apple iOS devices and the printer – in the same way a traditional USB printer talks to a terminal! This will simplify set-up as well as eliminate the need for pairing and passwords. Just check your software provider supports direct iOS communication with a Star printer or email support@star-emea.com

**Traditional USB & Unique Lightning “Data & Charge” USB Ports**

**iOS Lightning cable port**

**Traditional USB & Unique Lightning “Data & Charge” USB Ports**
TSP650II Series

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

**Models**

Interface versions available:
- TSP654I Non interface
- TSP654II Serial
- TSP654IC Parallel
- TSP654IU USB
- TSP654IE Ethernet
- TSP654IBI Bluetooth
- TSP654AirPrint
- TSP654I HI X with CloudPRNT
- TSP654SK Re-Stick 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
- Digital Receipting available

**Options available:**
- P560 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

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 MacBooks users on any private network.

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

(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 reconnected 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

TSP654I 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 using a compatible, locally sourced USB WiFi dongle matching the customer’s preference and budget
- Star PassPRNT Print Data Relay Application
- Dual Interface USB/LAN
- Star’s WebPRNT LAN platform independent HTML/JavaScript printing from the Web included free-of-charge, along with Star’s AirReceipts Digital Receipting platform
- Peripheral ready – 2 USB Host ports to control attached peripherals including scanners, customer display, RFID devices with no PC required

TSP654SK Re-Stick

Linerless label printer for variable length repositionable labels

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

**Technical details:**

- Power: 12VDC 1.5A
- Interface: USB 2.0
- Size: 243x86x160mm
- Weight: 3.6kg
- Print Speed: 300mm/sec
- Print Density: 203 dpi
- Print Width: 80/58mm
- Media Type: Paper or Linerless
- Power Supply: PS60

**Applications:**

- Food ordering
- Restaurant
- Convenience Store
- Retail
- Hospitality
- Remotely printed tickets from a website
- Cash drawer connection
- POS market providing the ideal “Re-Stick” customer labelling solution for Pizzerias, Take-Out, Cafes, Promotional Couponing, Special Fast Food Orders etc.
- Reduced speed version of TSP650 designed to work with self-adhesive media (contact Star for list of approved suppliers)
- Environmentally friendly labelling with an increased percentage of labels available per roll and no wasted backing paper to dispose of

**Software:**

- AllReceipts Digital Receipting platform included free-of-charge, along with Star’s AirReceipts Digital Receipting platform
- Dual Interface USB/LAN
- Star’s WebPRNT LAN platform independent HTML/JavaScript printing from the Web included free-of-charge, along with Star’s AirReceipts Digital Receipting platform
- Peripheral ready – 2 USB Host ports to control attached peripherals including scanners, customer display, RFID devices with no PC required
Receipts, Labels & Ticketing for Retail

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

- TSP700II 80mm receipt, label and ticket printer – 10cm paper roll
- TSP800II 112mm receipt, label and ticket printer – 10cm paper roll
- FVP10 80mm front operating receipt, label and ticket printer – 8cm paper roll
- TSP654SK Liner-less label printer for re-positionable labels

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

FVP10 Series

Front Operating, Under-Counter Thermal Receipt and Label Printer

Models

- Interface versions available:
  - FVP10U Built-in USB interface with Parallel, Serial & Ethernet options
  - FVP10B Bluetooth version for Apple iOS, Android and Windows (MFi Certified)

Key applications

- Retail
- Hospitality
- Logistics
- Kiosk

Desktop/Label/Receipt Printers

- SM-L200 80mm mobile receipt and label printer with Classic and Bluetooth 4.0 connectivity
- SM-L300 80mm mobile receipt and label printer with Classic and Bluetooth 4.0 connectivity
- SM-T300 / SM-T400i 80/112mm rugged Bluetooth mobile receipt and label printers

Liner-Free Labelling from MAXStick™

With a ReStick RePositioning feature according to the “stick” strength you are looking for – perfect for hospitality spacial orders/delivers/warehouse or temporary labelling.

CB2002 Cash Drawer

New grey or white versions

FVP10 options & features

- Under Shelf Mount option with power supply option
- FVP10 “Plug-in” 2nd interface option
- Unique Drawer Paper Loading

Labelling environments:

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

High quality 203dpi output combined with speeds of up to 205mm/second

- High reliability – (60 million lines MCBF)
- Dual Interface with USB as standard and additional port for second plug-in options – Serial, Parallel, Ethernet, MFi certified Bluetooth version also available
- Unique front loading drawer with easy “Drop-In & Print” paper loading
- Tough and durable splash-proof casing with paper exit to prevent liquid intake

Full audio capability with line-out option for external speakers

High quality 203dpi output combined with speeds of up to 205mm/second

- 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
- Digital Receipting available

Serial, Parallel, Ethernet. MFi certified additional port for second plug-in options –

“Drop-In & Print” paper loading

Compact, lightweight printers for so many labelling environments:

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

Compact, lightweight printers for so many labelling environments:
### TSP700II Series

**Versatile 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 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.
- Splash-proof cover available.
- "Drop-In & Print" easy paper loading.
- Digital Receipting available.
- Black mark sensor for fixed length labels and tickets.

**TSP700II features & accessories**

- Barcodes, labels, receipts and tickets, all from one model.
- "Drop-In & Print" Easy Paper Loading.
- Splash Proof Cover.
- Wall Mount Kit.

**Key applications**

- Retail
- Hospitality
- Logistics
- Kiosk

### TSP800II Series

**Unique 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/P® compatible in Standard and "Super Large" mode.
- Automatic scalable raster driver for immediate A4 reduction to A6.
- Digital Receipting available.
- Black mark sensor for fixed length labels and tickets.

**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.

**Models**

**Interface versions available:**
- TSP743HD Serial Interface
- TSP743HC Parallel Interface
- TSP743HI USB Interface
- TSP743BI Bluetooth
- TSP743HI x with CloudPRNT
- TSP743HI Non-interface version for use with low cost Ethernet (HE07) option

**Key applications**

- Retail
- Hospitality
- Logistics
- Kiosk
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

**MOBILE Printing Solutions**

**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 203 dpi 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-T30iI version with 1&2 track magnetic stripe reader

**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-T404i version with 1,2&3 track magnetic stripe reader

**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 and weighing 230g with the battery
- Simple, no pin required auto pairing with Bluetooth 4.0 devices including Apple iOS, Android, Linux & Windows
- Bluetooth 4.0 allows the use of multiple iOS tablets as opposed to the traditional one-to-one

- Print receipts during the day and product labels after hours with traditional 58mm Label support with Black Mark & transmissive sensors or MAXStick™ ReStick style, liner-free labels
- 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 4.0 allows the use of multiple iOS tablets as opposed to the traditional one-to-one
- SM-L304 version with Magnetic Strip Reader

**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: 116 w x 94 d x 80h mm
  - SM-L300: 135.65 w x 140.78 d x 85.61 h mm

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**Linier-Free Labelling from MAXStick™**

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

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**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.star-micronics.com/support](http://www.star-micronics.com/support)
Lottery and Ticket Printing Solutions

Star has been successfully supplying printing solutions to the world’s largest lottery installations for more than three decades.

The TSP700II was the first printer to be used worldwide, followed by the TSP1000 and now TSP-L10 where all of Star's experience has created a dedicated lottery printer for the industry's needs.

Security addressed at every level

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

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

TSP1000 Series

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

Models

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

Key applications

- Ticketing and Lottery
- Retail
- Logistics
- Hospitality

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

TSP-L10 Series

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

Models

Interface versions available:

- TSP-L110UE Dual USB and Ethernet Interfaces and USB Host
- TSP-L11UE Dual USB and Ethernet Interfaces with USB Host and internal ticket scanner for verification/journaling

Key applications

- Ticketing and Lottery
- Retail
- Warehouse/Logistics

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

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 203dpi 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
- TSP-L11 model includes 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

TSP-L10 connectivity

Dual USB and Ethernet interface

20cm High Capacity Paper Roll
Matrix and Slip Printers

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 160mm/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

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/valication 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

Key applications

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

SP7000 Series

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

With its fast print speed of up to 8.9 lines per second, Clamsheild™ 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

Key applications

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

SP7000 options & features

- 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

Key applications

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

Kiosk Printing Solutions

Star offers high-performance printing that remains unrivalled today.

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

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 +50°C)
- The TUP range has greater connectivity options in comparison to Sanei (USB & Serial). TUP no interface supplied – choose from USB, Serial, Parallel or LAN (TUPSS0 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.

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 TSP143IUt3 for direct USB “data & charge” from the printer to iOS devices via the Lightning cable. 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:
- TSP143IUt3 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
- TSP654IUt3 and TSP474IUt3

Tablet Terminals:
- mC-Print3, TSP143IUt3, TSP654IUt3 Series including Apple AirPrint™ & Sanei Range
- Star mC-Print3, TSP143IUt3, TSP654IUt3 Series including Apple AirPrint™ & Sanei Range
- 2 USB Host Ports

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, being a member of the UPOS committee, 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 and mC-Print
- A4-A6 automatic scaling Tool for up to 80% savings compared to a typical laser printer

The Star Choice
Star’s range includes:
- Specialist Packaged
- Modular Open Frame
- Tablet Kiosk
- Integration Made Easy
- Technical Innovation

The Star Difference
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.

Star Kiosk VIP Club
Star has expanded the Star VIP Club with the launch of Star VIP Club. Star 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.StarVIPClub
Sanei Kiosk Printer Series

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 Series
Compact and ultra-lightweight 2" 58 mm and 3" 80mm open frame kiosk printers
- Max. 250mm/sec print speed
- Max. 0.12mm 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

SK1-221/321 Series
Compact and ultra-lightweight 2" 58/80mm and 3" 80mm “Bucket” Style Printers with “Drop-In & Print” paper loading
- Max. 250mm/sec print speed
- Max. φ33mm 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
- Max. 120μm paper
- Easy Paper insert with fully opening cover
- Selectable full or partial cut
- Dual Serial and USB interface
- ESC/POS™ compatible
- Auto-loading function

SK4-21/SK4-31 Series
Compact, economical 2" 58mm and 3" 80mm open frame kiosk printers
- Max. 150mm/sec print speed
- Max. φ33mm 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 or 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
- 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

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 25cm 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 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/sec high quality thermal barcodes, 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 rear end paper sensor with 850mm 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

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

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

Models
Models available:
- TUP502 Open Frame Printer with Presenter
- TUP542 Open Frame Printer without Presenter for labels

Interface options:
- USB HU07, Ethernet HE07, Serial HD03, Parallel HC03

TUP900 and TUP992 open frame and mechanism options:
- Paper exit guide/snout with flashing LEDs
- 25cm paper roll holder (15cm standard)
- Max. capacity 180m when mounted below printer
- PS60 power supply
- Large roll Damper Unit
- All models supplied without interface with optional USB, Ethernet with “print on disconnect” 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 HU07, Serial HD04, Parallel HC04
**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 Star’s traditional and very latest range of printers.

**mC-Print Series**

Star’s compact mC-Print series provide the choice of 58mm or 80mm wide receipt printing using StarPRNT mode. All of the mC-Print Series is Cloud-ready, even the low cost, entry-level MCP05 and MCP30. Other models in the mC-Print Series feature 2 USB host ports for local or Cloud based peripheral control of Star’s SCD222 customer display, 1D and 2D scanners or other supported peripherals.

**HI X Connect Printers**

Star’s HI X Connect Printers or H/OXD/H/O2X Interface upgrade options provide connectivity at every level using Star Line mode. Printers can be future-proofed with the option to switch to Cloud POS at any future with the HI X Interface.

**CloudPRNT SDK**

Star’s new CloudPRNT SDK provides helper features able to assist with status encoding, 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 engine enabling the features typically required for Point Of Sale printing.

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**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

**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 Star’s 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 printers.

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 using Safari/Chrome using a URL scheme to then print on a Star Bluetooth (Classic or BLE), LAN / WLAN or USB printer.

**SteadyLAN**

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 Ethernet provision to 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 Receipt 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.

With Star’s free of charge Digital Receipt Service with customer App, AllReceipts®, customers can simply scan the QR code on the bottom of the receipt of a participating retailer with the AllReceipts® App and each receipt will be immediately stored digitally on their phone or mobile device. There’s no need to give any personal details or e-mail address at the Point of Sale.
**CB2002 Cash Drawer**

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

- Driven by peripheral drive circuit with connection 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 1146 / 7kg
- **CB2002 FN** - 4 flat note slots and 8 coin slots
- **CB2002 UN** - 8 upright note and 8 coin slots

### CB-2002 options

- Upright notes tray
- Tray with notes clip

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**Scanners**

- **Star 1D Scanner**
  - Available in black or white (for use with mC-Print Series, mPOP or Hi X Connect printers with supported software)
  - Scans virtually any barcodes on a variety of surfaces, from 1D barcodes on a paper label to 2D barcodes on displays or mobile phones, tablets, and more.
  - Scanner provides superior comfort in both hands-free and handheld scanning models
  - Contemporary design and small footprint

**Customer Displays**

- **Star SCD222 Customer Display**
  - Star’s new mini Customer Display has been designed to specifically work with Star’s unique mPOP Series, mC-Print and Hi X Connect printers through the USB port and is available in black or white versions.
  - 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-fit 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-programmed 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.

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**Thermal Printers**

### Thermal Printers

**mC-Print2 Series**

**mC-Print3 Series**

**TSP443NEO Series**

**TSP1000i Series**

**TSP650ii Series**

**TSP700ii Series**

**TSP800ii Series**

**FVP10**

**mPOP**

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**SPECIFICATIONS**

- **mC-Sound**
  - Ideal for kitchens and high volume environments, the BU104 is compatible with a range of Star’s POS printers and can be directly connected to the RJ11 port on the back of the printer.

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**Industrial standard 1D & 2D barcode support on all printers**
**Mobile Printers**

**STAR PRINTER SERIES**

<table>
<thead>
<tr>
<th>SM-L20D</th>
<th>SM-L30D</th>
<th>SM-S23ST</th>
<th>SM-T32ST</th>
<th>SM-T43ST</th>
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</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
<td><strong>Compact 3” (80mm) Mobile Receipt Printers</strong></td>
<td><strong>Compact 3” (80mm) Mobile Receipt Printers</strong></td>
<td><strong>Compact 3” (80mm) Mobile Receipt Printers</strong></td>
<td><strong>Compact 3” (80mm) Mobile Receipt Printers</strong></td>
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<td><strong>Application</strong></td>
<td>Receipt, Tickets, Labels</td>
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<td>Receipt, Tickets, Labels</td>
<td>Receipt, Tickets, Labels</td>
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<td>58mm</td>
<td>58mm</td>
<td>58mm</td>
<td>58mm</td>
</tr>
<tr>
<td><strong>Paper Thickness</strong></td>
<td>0.059 – 0.15mm</td>
<td>0.059 – 0.15mm</td>
<td>0.059 – 0.15mm</td>
<td>0.059 – 0.15mm</td>
</tr>
<tr>
<td><strong>Print Width</strong></td>
<td>80mm</td>
<td>80mm</td>
<td>80mm</td>
<td>80mm</td>
</tr>
<tr>
<td><strong>Power Supply</strong></td>
<td>3.7V rechargeable Li-ion battery</td>
<td>3.7V rechargeable Li-ion battery</td>
<td>3.7V rechargeable Li-ion battery</td>
<td>3.7V rechargeable Li-ion battery</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>133 x 130 x 30.5mm</td>
<td>133 x 130 x 30.5mm</td>
<td>133 x 130 x 30.5mm</td>
<td>133 x 130 x 30.5mm</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>2.3kg</td>
<td>2.3kg</td>
<td>2.3kg</td>
<td>2.3kg</td>
</tr>
</tbody>
</table>

**Matrix**

**SP-298**

- **Description**: 9-pin Matrix Slip Printers with Auto Indenting
- **Application**: Receipts, Tickets, Labels
- **Max. Print Speed**: 150mm/sec.
- **Paper Width**: 80mm
- **Paper Thickness**: 0.059 – 0.15mm
- **Power Supply**: 3.7V rechargeable Li-ion battery
- **Dimensions**: 133 x 130 x 30.5mm
- **Weight**: 2.3kg

**Hybrid**

**HSF2000**

- **Description**: High Speed 203 dpi Thermal Receipt & Chip Card Reader
- **Application**: Receipts, Tickets, Labels
- **Max. Print Speed**: 150mm/sec.
- **Paper Width**: 80mm
- **Paper Thickness**: 0.059 – 0.15mm
- **Power Supply**: 3.7V rechargeable Li-ion battery
- **Dimensions**: 133 x 130 x 30.5mm
- **Weight**: 2.3kg

**Specialist Thermal, Lottery & Ticketing**

**TSP1000**

- **Description**: High Speed 203 dpi Thermal Receipt Printer able to print and stock 100 Tickets
- **Application**: Receipts, Tickets, Labels
- **Max. Print Speed**: 150mm/sec.
- **Paper Width**: 80mm
- **Paper Thickness**: 0.059 – 0.15mm
- **Power Supply**: 3.7V rechargeable Li-ion battery
- **Dimensions**: 133 x 130 x 30.5mm
- **Weight**: 2.3kg

**Kiosk Printers**

**TUP500 Series**

- **Description**: Modular Thermal 58mm Open Frame Kiosk Printers
- **Application**: Receipts, Tickets, Labels
- **Max. Print Speed**: 150mm/sec.
- **Paper Width**: 80mm
- **Paper Thickness**: 0.059 – 0.15mm
- **Power Supply**: 3.7V rechargeable Li-ion battery
- **Dimensions**: 133 x 130 x 30.5mm
- **Weight**: 2.3kg

**TUP900 Series**

- **Description**: Modular Thermal 120mm Open Frame Kiosk Printers
- **Application**: Receipts, Tickets, Labels
- **Max. Print Speed**: 150mm/sec.
- **Paper Width**: 122mm
- **Paper Thickness**: 0.059 – 0.15mm
- **Power Supply**: 3.7V rechargeable Li-ion battery
- **Dimensions**: 133 x 130 x 30.5mm
- **Weight**: 2.3kg