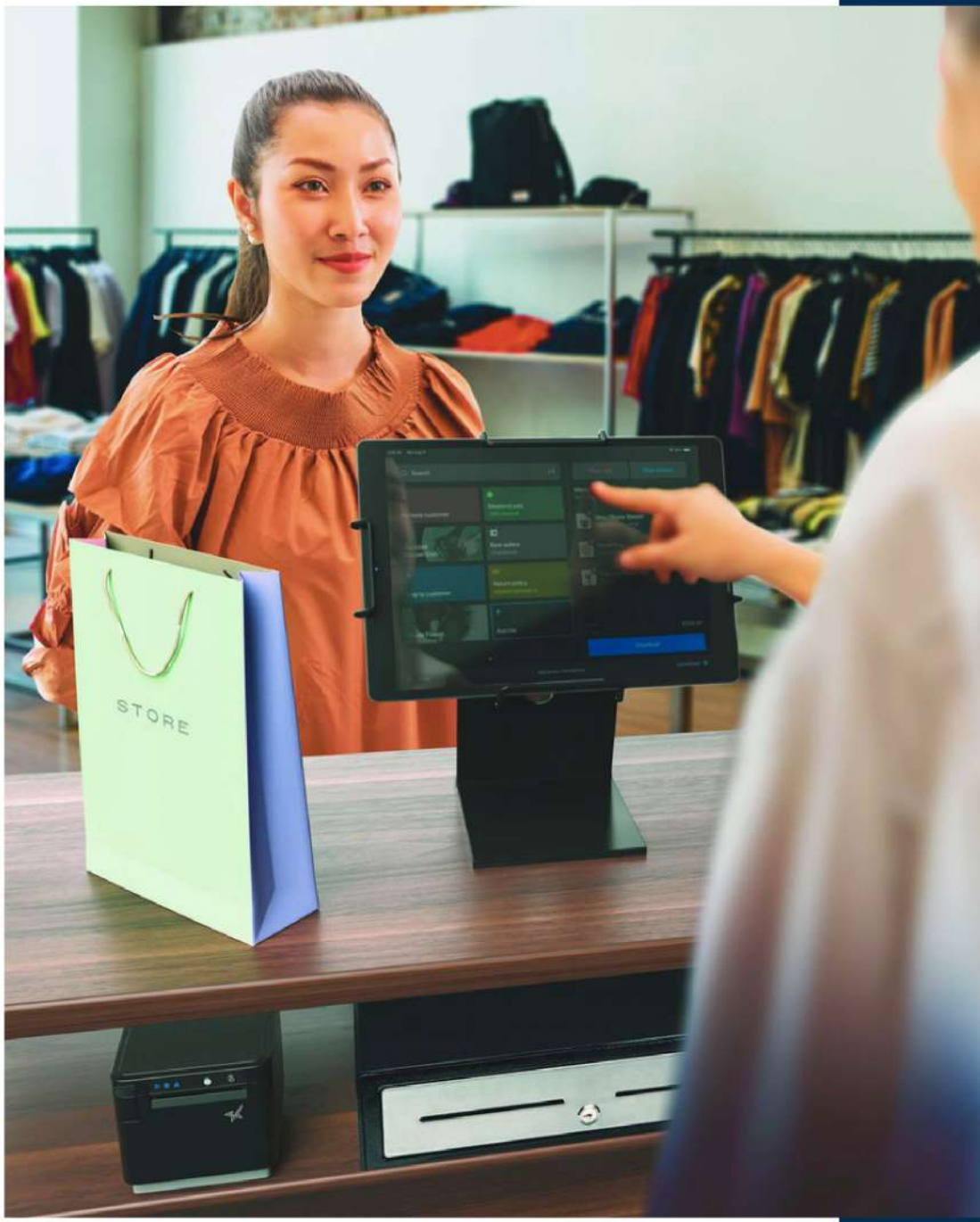
Point of Sale
Solutions

Star Micronics is one of the world's largest POS printer manufacturers. Its portfolio includes a wide range of Point of Sale printing solutions, tablet displays and cash management solutions for retail and hospitality.

Founded in Shizuoka, Japan in 1950, Star has broadly expanded to establish sales offices and manufacturing facilities across the Americas, Europe, Asia and Australia, enabling it to deliver unparalleled product service and support to customers on a universal scale.

As one of the first companies to invest in manufacturing Point of Sale printers, Star Micronics has been supporting retailers for over 40 years to deliver efficient, reliable store solutions.

Star's innovative product designs offer the flexibility needed to integrate both traditional as well as the very latest tablet and cloud-based POS and hospitality systems in a rapidly changing market.



Committed to sustainability

As a truly global company, the Star Micronics' brand has become a known, trusted and respected name. Heavily involved in IT-related technologies and the manufacturing and assembly of miniature high-precision devices, Star Micronics acknowledges the importance of engaging in environmental management activities and has invoked eco-friendly practices as an integral part of its operations. This philosophy forms the basis of its efforts to carry out operations in harmony with the global environment and play an active role as a responsible member of society. Star is dedicated to environmental responsibility with initiatives such as eco-friendly product designs and packaging materials, efforts to reduce electronic waste, the introduction of linerless label printers to minimise waste and many more.

Focused on innovation

Alongside innovative product design, Star provides the very latest technologies and services for today's modern retail and hospitality environments. With a fundamental focus on industry partnerships, Star works closely with the largest independent software vendors and system integrators globally to ensure the very best customer experience when integrating Star solutions.

Responsive to industry trends and digital transformation, Star's solutions provide the flexibility needed to integrate with the very latest tablet, cloud and omni-channel POS applications. Star's innovative technologies and services such as CloudPRNT™, SteadyLAN™ network tethering and StarPrinter.Online ensure enhanced connectivity and device management capabilities in store.

Scan for more information

Thermal POS & mPOS Printers

NEW

mC-Print3

Direct Thermal | 400 mm/s | 80 mm

- Fast, 80mm, up to 400mm/second, front-loading thermal receipt printer
- Compact and stylish cube design
- Multi-interface: USB, Ethernet LAN, Bluetooth, Wireless LAN interfaces depending on model
- Star's unique SteadyLAN Technology for data, charging and network tethering
- Star CloudPRNT technology included on all models
- Additional USB-A ports to control peripherals such as customer display, scanner etc. (depending on model)
- IPX2 rated splash proof design for hospitality applications
- Paper saving design with reduced 2mm top margin
- Paper Near End, Paper End and Cover Open Sensors
- Receipt decurl for flat recipts
- Star Cloud Services ready

star cloudPRNT

New MCP31CI
New MCP31CBI
MCP31LB
MCP31L
MCP30

mC-Print3 IPX2

mC-Print2

Direct Thermal | 100 mm/s | 58 mm

- Super compact, 58mm front feed, top loading thermal receipt printer
- Compact and stylish 96 x 113 x 100mm
- USB, Ethernet LAN, Bluetooth, Wireless LAN interfaces depending on model
- Star's unique SteadyLAN Technology for data, charging and network tethering
- Additional USB-A ports to control peripherals such as customer display, scanner etc. (depending on model)
- Receipt decurl for flat receipts
- Star Cloud Services ready

star cloudPRNT

MCP21LB

TSP100IIU+

Direct Thermal 200 mm/s 80 mm

- Entry-level 200mm/s USB receipt printer
- 80mm paper width with paper saving features
- Easy-Load “Drop-In & Print” paper loading
- Internal power supply with power cable
- Unique *future*PRNT™ software included
- 4 year warranty including head and cutter

TSP100III

Direct Thermal 250 mm/s 80 mm

- Best selling direct thermal receipt printers
- Internal power supply with power cable included
- Fast 250mm per second print speed
- USB, Ethernet LAN, Wireless LAN and Bluetooth models
- Unique *futurePRNT* software included
- 4 year warranty including print head and cutter

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 adding logos, coupons and for easily modifying printer settings for multiple printers.

TSP100IV

Direct Thermal 250 mm/s 80 mm

- New generation Cloud connected POS receipt printers
- Compact design with internal power supply. Horizontal or vertical operation.
- 250mm/s print speed with high quality guillotine cutter
- 80mm paper width (58mm paper with included paper guide) and 49µm thin paper support
- Ethernet LAN and USB-C / USB-A connectivity
- USB-A with Android Open Accessory (AOA) support for direct communication “Data & Charge” with compatible Android tablets and mobile devices or control of USB peripherals (scanner, display etc.).
- Wireless LAN connectivity with optional Star MCW10 Wireless LAN adapter (region specific)
- Integrated Star CloudPRNT technology for online receipt and order printing
- Star Cloud Services ready
- 4 year warranty including head and cutter

star cloudPRNT

mPOP

Direct Thermal | 100 mm/s | 58 mm

- Unique mPOS solution - Combined receipt printer and cash drawer compatible with a wide range of retail, hospitality and mobile payment software
- Advanced cable routing to maintain sleek design
- Reliable 58mm wide 100mm/second thermal printer with easy top paper loading and autocutter as standard
- Compact cash drawer with fast drawer release, multi-configurable note and coin slots
- mPOP Bluetooth model: USB-B, USB-A 1.5A x 2, USB-A 0.5A x 2
- mPOPCI model: USB-C with “Data & Charge” for iOS devices, USB-B, USB-A 0.5A x 1
- Clear LED display for status information such as paper low, Bluetooth pairing status etc.
- Additional USB ports for external devices such as scanner and customer display
- Secure counter clip and under counter mount

Made for iPhone | iPad | iPod

POP10 - Bluetooth model
POP10CI - USB model

Matrix printer

SP700

Matrix Impact | 8.9 lines/s | 76 mm

- High speed, 2 colour logic seeking 9-pin matrix printer – up to 8.9 lines per second
- USB, LAN or Star HI X interface with CloudPRNT technology for web and cloud based software
- 76mm default paper width (also 69.5 and 58mm)
- Easy-to-use Clamshell design with “Drop-In & Print” paper loading and easy access for ribbon replacement
- Splash resistant design
- Internal power supply with universal cable included at purchase

star cloudPRNT

Thermal Label Printers

NEW

mC-Label3

Direct Thermal | 180 mm/s | 80 mm

- High quality, versatile direct thermal label printer with 203dpi
- Prints linerless re-stick, permanent linerless, traditional die cut, continuous labels and receipts
- IP22 splash proof and insect proof design for kitchen environments
- 25mm to 80mm adjustable paper widths
- “Drop-in” paper loading
- Versatile connectivity including USB-C for Windows and Android (AOA), Ethernet LAN (SteadyLAN and TetherLAN), Bluetooth for tablet connectivity, USB-A for peripherals, WLAN with MCW10 option, CloudPRNT, Cash drawer buzzer connection
- Star CloudPRNT technology included
- One-Touch-Label function for storing and printing up to 3 label designs, Paper taken sensor
- Free label design software via Star Micronics Cloud Services

Adjustable label widths

star cloudPRNT

Linerless Labels

Die-cut Labels

Continuous Labels

Receipt Paper

NEW

TSP143IV SK

Direct Thermal | 180 mm/s | 80 mm

- Direct thermal liner-free printing
- 203dpi print resolution for high contrast text, graphics and barcodes
- Up to 180mm/s print speed
- USB-C, Ethernet LAN, USB-A, WLAN (option)
- Star CloudPRNT Technology for Cloud based software
- Low tack linerless re-stick media support
- 40mm*, 58mm*, 80mm paper widths (*with supplied paper guide)
- Up to 83mm paper roll diameter
- 65-98 um paper thickness
- Autocutter (partial cut)
- Paper Taken Sensor for queuing labels
- Cash drawer and buzzer connectivity
- Free Star Label Builder with Star Cloud Services
- StarPrinter.Online support
- 4 year warranty

star cloudPRNT

TSP800II

Direct Thermal | 180 mm/s | 112 mm

- Versatile 180mm/sec Barcode, Label, Receipt and Ticket Printer with Autocutter
- Unique 112mm paper width, 104mm print width – on paper stock up to 0.15mm thick
- Internal or External Paper Feed Paths (external for large capacity or security applications)
- “Drop-In & Print” easy paper loading
- A4 to A6 scaling

star cloudPRNT

TSP700II

Direct Thermal | 250 mm/s | 82 mm

- 80mm Barcode label, Receipt and Ticket printer
- “Drop-In & Print” easy paper loading
- Black mark sensor for fixed length labels and tickets
- Full or partial cut autocutter (centre)
- Ergonomic splash resistant design with easy clean case and splash proof cover available

star cloudPRNT

Kiosk Printers

With over 35 years' experience manufacturing dedicated kiosk printers and mechanisms, Star offers an industry leading range of reliable and innovative kiosk solutions with the specialist features necessary for self service and self checkout applications. Working together with many of the world's most successful kiosk builders and integrators, Star's highly experienced Hardware Engineering Team provide the technical expertise and flexibility required to develop customised products for the most innovative self service solutions in retail, hospitality, transport and ticketing.

Packaged Kiosk Printers

TSP800II

Direct Thermal · 180 mm/s · 112 mm

- Versatile packaged kiosk printer for receipts, tickets or labels with "Drop-In & Print", easy paper loading
- Unique 112mm paper width, 104mm width – on paper stock up to 0.15mm thick.
- Scales from A4 to A6 size, saving paper. Ideal for hotel check-in, trade invoices etc.
- Internal or External Paper Feed Paths
- Wide range of connectivity

TSP700II

Direct Thermal · 250 mm/s · 82 mm

- Versatile packaged kiosk printer for receipts, tickets or labels with "Drop-In & Print", easy paper loading
- 80mm / 3" paper width on paper stock up to 0.15mm thick
- Internal or External Paper Feed Paths
- Wide range of connectivity
- Optional LED bezel

mC-Print3

Direct Thermal · 250 mm/s · 80 mm

- Fast, 80mm, 250mm/second, front-loading thermal receipt printer
- Compact cube design, drop-in paper loading
- Paper Near End, Paper End and Cover Open Sensors
- USB, Ethernet LAN, USB-C, Bluetooth, Wireless LAN interfaces depending on model

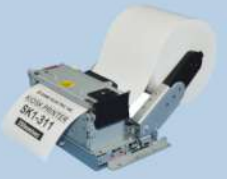
Open-Frame Kiosk Printers

Sanei kiosk printers

Available in 2″, 3″ and 4″ widths, the Sanei range of barcode, ticket, receipt and label kiosk mechanisms offer fast, high quality 203 dpi printing at speeds up to 250 mm/second for compact, slimline kiosks.

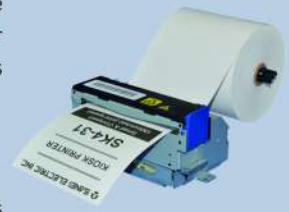
SK1-211/311/221/321

The SK1-211 and SK1-311 2" / 58mm and 3" / 80mm series provides dependable, maintenance-free printers that have a fast print speed of 250mm/sec with 203 dpi resolution. The printers come in either standard format (horizontal orientation) with or without presenter, and vertical format with or without presenter. The SK1-221 and SK1-321 models have a paper tray for Drop-in paper loading.



SK4-21/31

The SK4-21 and SK4-31 2" / 58mm and 3" / 80mm Series offers a compact and versatile entry level solution for small space applications with a choice of 3 paper roll positions for simpler installation. Supporting printing up to 150mm/sec, these models have an LED Bezel option and anti-paper jam Bezel option.



SK1-311 SK

The new SK1-311SK 3" / 80mm re-stick liner free kiosk printer is the latest addition to Star's popular Sanei kiosk printer range. Designed to print repositionable, variable length thermal labels, the SK1-311SK eliminates any unused white space on labels which helps paper saving. With its open chassis design, the SK1-311SK is perfect for integration into a variety of kiosk terminals for the food and travel industries or any self-service application. All SK1-311 models come with RS-232C and USB interfaces which integrate with a wide variety of kiosk solutions.

SK1-41

The SK1-41 4" / 112mm series provides dependable, low maintenance printers that have a fast print speed of 150mm/sec with 203 dpi resolution. The thermal kiosk printers come in standard format (horizontal orientation), with or without presenter.

Mobile printers

SM-L200

Direct Thermal · 35 mm/s · 58 mm

- 2" / 58mm portable receipt / label Printer
- "Drop-In & Print" easy paper loading
- Bluetooth 5.0 Low Energy (BLE) for connecting to multiple iOS, Android or Windows devices
- Compact & Durable Design (1.2m drop test)
- 13 hour battery life (printing at 5 min intervals)
- Optional charging cradle available

SM-S230i

Direct Thermal · 80 mm/s · 58 mm

- 2" / 58mm portable receipt printer
- High resolution printing 203 dpi. 80mm/second print speed
- Super compact & durable design (1.5m drop test)
- Auto connect pairing with Apple iOS devices
- Multiple LED status display
- 19 hour battery life printing at 5 minute intervals

SM-T300i

Direct Thermal · 75 mm/s · 80 mm

- 3" / 80mm portable receipt and label printer
- Rugged design with IP54 dust/splash proof certification
- 1.5m drop reliability
- MFi certified – pairs with iPad, iPhone as well as Android and Windows via Bluetooth devices
- 203dpi and 75mm/second print speed with fast throughput
- 31 hour battery life printing at 5 minute intervals

SM-T400i

Direct Thermal · 80 mm/s · 112 mm

- 4" / 112mm portable receipt and label printer
- Rugged design with IP54 dust / splash proof certification
- 1.5m drop reliability
- MFi certified – pairs with iPad, iPhone as well as Android and Windows via Bluetooth devices
- High resolution 203dpi and 80mm/second print speed with fast throughput
- 35 hour battery life printing at 5 minute intervals

Barcode Scanners

NEW

Presentation

BSD-40U

- Reads 1D and 2D Barcodes
- High-density, high-volume and even distored barcodes on labels and screens
- Simple switch to toggle between paper and screen mode
- Plugs directly into any POS system, including STAR POS printers
- Superior motion tolerance (2,5m/s)
- Large field of view (horizontal 51°, vertical 32°)
- IP52-rated design and 1,2 m drop resistance
- Allows access to StarSCAN configuration utility to customize scanner functionality

Handheld

BSH-20U / BSH-32U

- High-performance CPU captures high-density, high-volume and distorted barcodes
- Plugs directly into any POS system, including Star POS printers
- Scans on paper, uneven media or screen
- Lightweight, comfortable design
- 5 scanning modes (level, sense, continuous, pulse, batch)
- IP42-rated design and 1.2m / 1.5m drop resistance
- Scanner stand included
- Allows access to StarSCAN configuration utility to customize scanner functionality

Wireless

BSH-20B / BSH-32B

- Scans on paper, uneven media or screen
- Two forms of wireless communication: Bluetooth or USB dongle (included)
- 12 hours of continuous battery use
- Lightweight, comfortable design
- 6 scanning modes (level, trigger, sense, continuous, pulse, batch)
- IP42-rated design and 1.2m drop resistance
- Scanner stand included
- Allows access to StarSCAN configuration utility to customize scanner functionality

Cash Drawers

Star Micronics is proud to offer cash drawers for any budget or application. Whether you're looking for the smallest possible cash drawer or a robust cash drawer for a high volume of cash transactions, Star Micronics has the cash register drawer you need. Our focus is providing our customers with POS peripherals and accessories that respond to the changing nature of the POS market.

CD4 Series Cash drawers

- Robust, hard wearing cash drawers with reinforced top for added strength
- CD1414 14" models and CD1616 16" models. 4 note / 8 coin or 8 note / 8 coin configurations with front note slot
- RJ12 printer connection with cable included
- Reliable roller assembly design and operation
- High quality design and finish with painted drawer interiors and stainless steel front
- Available in black or white

CD4-1416 Medium size

CD4-1616 Large size

Folding hinged key

CB2002 Series Cash Drawers

- Entry level cash drawer series
- 16" model with 8 upright note / 8 coin or 4 flat note, 8 coin combinations and front note slot
- 3 position key lock with drawer release
- Options: Under desk Z brackets, Lockable cover, Note Holder Bracket and Note Divider
- Available in black, charcoal grey and white

mPOP

- Combined receipt printer and cash drawer compatible with a wide range of retail, hospitality and mobile payment software

mUnite Tablet Stands and Mounts

Star Micronics is proud to offer both function and style with its commercial grade mUnite POS solution stands, built to accompany Star's POS printer range. The durable steel stands are easy to set up and are available in either black or white to match existing hardware. The mUnite stands maintain a clean design while hiding all the cables that keep devices connected, routing power supplies under the counter to recapture counter space. These durable steel mounts, kiosks and stands are compatible with Star's Universal mEnclosure, or any enclosure that uses universal VESA mounting.

Kiosk Stands

With the mUnite EZ Desk Kiosk and Floor Kiosk stands, Star Micronics has created two sturdy yet easy-to-move tablet displays built for any self-service or customer engagement application. These stands are free-standing with weighted bottoms to keep them firmly in place. Presenting an attractive minimalist design, Star's kiosk stands can be used in any retail or hospitality environment, allowing customers to check in or place orders independently, or be used for visitor management/customer information.

Desktop Stands

Freshen your point-of-sale with Star's wide selection of mUnite desktop tablet stands. Keeping cables together and off the checkout counter, these upscale stands are made to house and protect a variety of Star printers, providing stability and style. They use universal VESA mounting to secure the tablet of your choice, giving the freedom to tilt the screen while including room for a second customer-facing option. Stylishly space-saving, Star's desktop stands present a clean and attractive look to your customers.

Mounted Stands

Star Micronics has created multiple stylish tablet mounts to free up and declutter workspace, while keeping valuables secured in one area. They attach to most walls and countertops with everything needed to get set up included. Incredibly modern and space-saving, these tablet mounts are perfect for online ordering for the restaurant or QSR industry, retail, hospitality industry, or any establishment where tablets are regularly used and can be stationary. Tablets are well-protected and easily accessible while out of the way in busy environments.

Accessories

SCD222 Customer Display

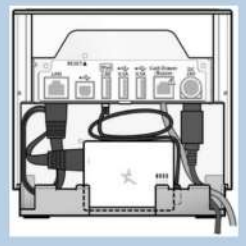
- 2 lines of graphics
- 141 x 79 x 60mm / 210g
- USB connection with Star hub model printers
- Available in black or white

mC-Sound Kitchen Buzzer

- 16 programmable melodies available
- Sounds accompanied by LED light for visual confirmation
- Easy to install inside or outside of printer

MCW10 WLAN Module

- Connect up to two IP printers (or other devices)
- Easy Setup: Can be easily installed using Star Quick Setup Utility
- Provides printers with wireless LAN support



Star 1D Scanner

- Handheld 1D barcode scanner
- USB connection with Star hub model printers
- Available in black or white

Mobile Charging Cradle

- Charges Star SM-L200 portable printer
- Works with Micro USB cable

POS Consumables

- Premium thermal receipt paper
- Die cut and liner-free label media
- Star ribbons

Star Technology

Star Micronics' innovative and unique printing technologies enable users to print to Star printers via the latest interfaces and protocols. By offering cloud-based printing, online purchasing options and compatibility with the latest devices, retail stores and restaurants can grow their business to expand to a larger market.

star cloudPRNT

CloudPRNT works with the online ordering service to store and create print jobs as well as communicate status with the printer. Cloud ordering services post orders using a JSON format while the Star CloudPRNT printer will pull these orders on a defined interval. Star's CloudPRNT technology provides benefits to both restaurant and retail stores by eliminating the need for an extra tablet to send an online order to the printer. Instead, the ordering service will be able to communicate directly with the printer. The new **CloudPRNT Next** technology delivers even more rapid and efficient cloud-based printing, instant printing for POS applications and reduces network load for improved performance and reliability.

SteadyLAN

Star's SteadyLAN™ technology is the market's first solution to provide control of the POS printer and attached peripherals as well as network tethering to iOS, Android and Windows tablets and mobile devices via the Ethernet port of the printer. Simply by connecting a tablet to the Star printer via 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.

TetherLAN

By leveraging CloudPRNT technology, TetherLAN allows devices with active cellular connections, such as 4G/5G, to share their network with select Star printers via USB. The result is a streamlined and premium printing experience without the need for additional LAN cables.

star PRNT SDK

StarXpand™

Responding to the need for cross-platform development, Star has developed StarXpand SDK, initially targeting React Native but scheduled to later include other native and alternative cross-platform environments, to help reduce the development time and maintenance costs associated with printer connection.

StarPrinter.online

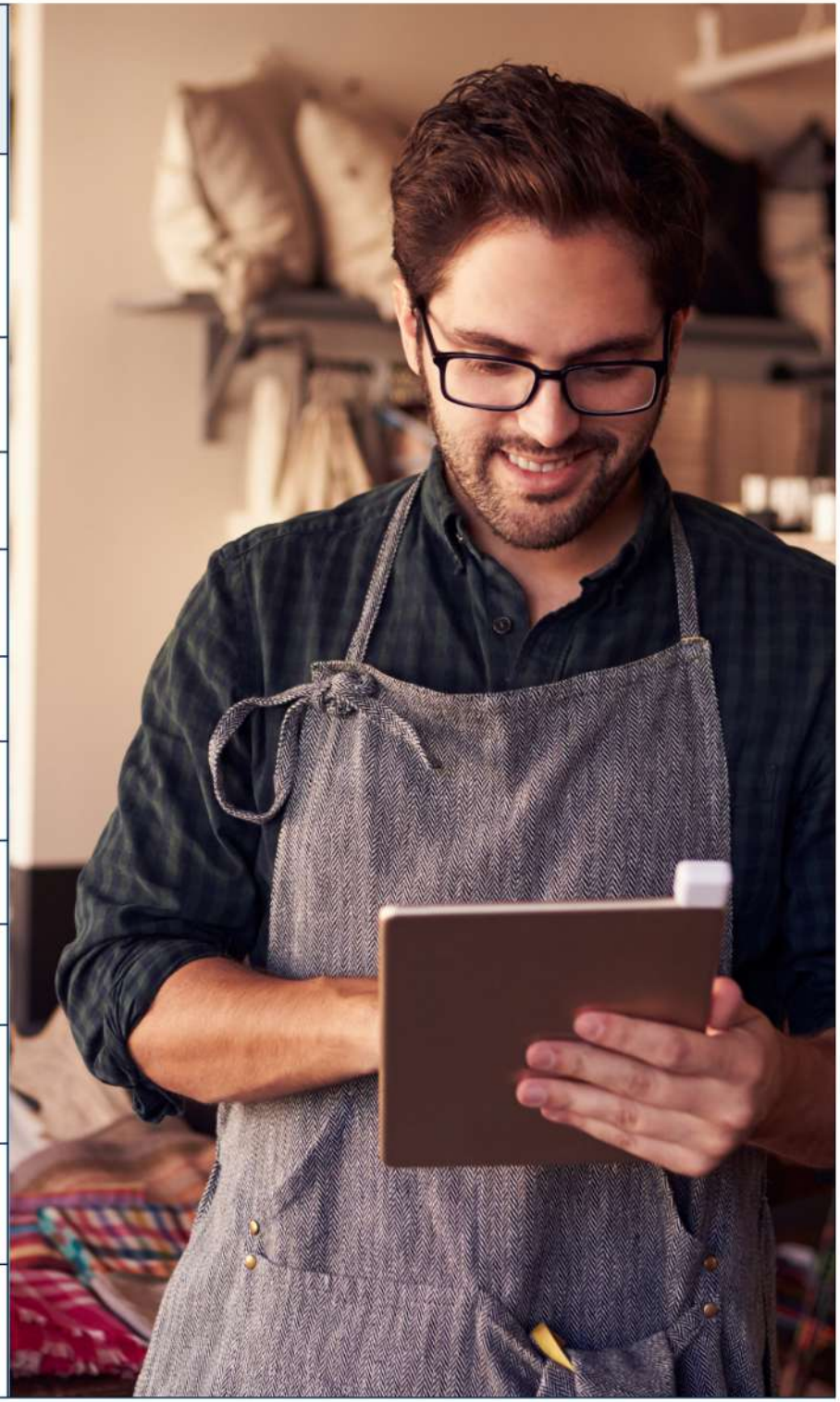
Managed CloudPRNT Service

Thermal POS & mPOS Printers

Star Printer Series	mC-Print2	mC-Print3	TSP100IIU+	TSP100III	TSP100IV	TSP700II	TSP800II	mPOP
Description	58 mm receipt printer with multiple interfaces	80 mm front operating receipt printer with multiple interfaces	80mm entry level USB receipt printer	80mm receipt printer with fixed interface options	80mm dual USB/LAN receipt printer with AOA and CloudPRNT	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, Tickets, Kiosk	Receipts, Labels, Tickets, Kiosk	Receipts
Max.Print Speed	100mm/sec	Up to 400mm/s	200mm/sec	250mm/sec	250mm/sec	250mm/sec	180mm/sec	100mm/sec
Resolution	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi, 406 x 203 dpi selectable	203 dpi, 406 x 203 dpi selectable	203 dpi
Columns	48	64	48/64 depending on paper width	48/64 depending on paper width	48/64 depending on paper width	48 / 64, 53 / 71 col	Max. 104 col	48 col.
Autocutter	full or partial cut	partial cut	partial cut	partial cut	partial cut	full or partial cut	full or partial cut	full or partial cut
Paper Width	58mm	80mm (58mm with paper guide)	80mm (58mm with paper guide)	80mm (58mm with paper guide)	80mm (58mm with paper guide)	80mm standard, 82.5, 58mm	112mm	58mm
Paper Thickness	0.053 - 0.075mm	0.049 / 0.053 - 0.075mm	0.053 - 0.085 mm	0.053 - 0.085 mm	0.049 - 0.085 mm	0.065 – 0.15mm	0.065 – 0.15mm	0.053 – 0.075mm
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 with integrated wall mount	User Selectable Paper Delivery Options with Mounting Bracket included & optional Paper Exit Guide	User Selectable Paper Delivery Options	Front Receipt Exit, Front Paper Loading
Sensors	Paper End, Cover Open	Paper End, Paper Near End, Cover Open	Paper End, Cover Open	Paper End, Cover Open	Paper End, Paper Near End, 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	USB,LAN,CloudPRNT, iOS Data & Charge with SteadyLAN, Bluetooth, WLAN (with MCW10 option)	**mCP30**: USB,LAN, Cloud **mCP31L/LB**: USB, LAN, CloudPRNT, iOS Data & Charge with SteadyLAN, Bluetooth option. WLAN option **MCP31CI/CBI:** USB-C, Tablet Data & Charge with SteadyLAN, LAN, CloudPRNT, Bluetooth option, WLAN option	USB	**TSP143IIIU**: USB with iOS Data&Charge **TSP143IIILAN**: Ethernet LAN **TSP143IIIBI**: Bluetooth **TSP143IIIW**: WLAN	USB-C, LAN, USB-A with Android AOA, CloudPRNT WLAN (with MCW10 option)	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)	POP10: Bluetooth POP10CI: USB-C

Mobile Printers

Star Printer Series	SM-L200	SM-S230i	SM-T300i	SM-T400i
Description	Compact 58mm Bluetooth mobile receipt and label printer for Apple, Android, Windows and Linux	Compact 58mm Bluetooth mobile receipt printer for Apple, Android, Windows and Linux	Rugged 80mm Bluetooth mobile receipt and label printer for Apple, Android, Windows and Linux	Durable 112mm Bluetooth mobile receipt and label printer for Apple, Android, Windows and Linux
Application	Receipts, Labels	Receipts	Receipts, Labels	Receipts, Labels
Max.Print Speed	35 mm/sec	80 mm/sec	80 mm/sec	110 mm/sec
Resolution	203 dpi	203 dpi	203 dpi	203 dpi
Drop Test	1.2m	1.5m	1.5m	1.5m
Autocutter/ Tear Bar	Tear bar	Tear bar	Tear bar	Tear bar
Paper Width	58mm	58mm	80mm	112mm
Paper Thickness	0.053 - 0.12mm	0.058 - 0.075mm	0.06 - 0.07 mm	0.06 - 0.07 mm
Media Presentation	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
Battery Life (printing at 5 minute intervals)	13 hours	19 hours	31 hours	35 hours
Connectivity	Bluetooth/BLE 5.0. USB charging/communication cable included	Bluetooth 2.1, Apple iOS, USB communication cable included	Bluetooth 2.1, Apple iOS, RS-232 Serial (cable included)	Bluetooth 2.1, Apple iOS, RS-232 Serial (cable included)



Kiosk Printers

Star Printer Series	Sanei SK1-211/221/311/321	Sanei SK1-41	Sanei SK4-21/31	Sanei SK1-311 SK Linerless
Description	Compact Thermal 58mm and 80mm open frame kisk printer	Wide format thermal 112mm open frame kiosk printer	Compact Economical 58mm and 80mm open frame kiosk printers	80mm kiosk printer for linerless media
Application	Receipts, tickets and labels	Receipts, tickets and labels	Receipts, tickets and labels	Linerless labels
Max.Print Speed	Max.200mm/sec	Max.200mm/sec	Max.200mm/sec	Max.200mm/sec
Resolution	203 dpi	203 dpi	203 dpi	203 dpi
Columns	SK1-211/221: 56 col. SK1-311/321: 80 col.	Max. 104 or 64, depending on paper width	SK4-21: Max 56 col. SK4-31: Max 80 col. depending on paper width	Max. 80 col depending on Paper Width
Autocutter	full or partial cut	full or partial cut	full or partial cut	full or partial cut
Paper Width	SK1-211/221: 58 / 60mm SK1-311/321: 58 / 60, 80 / 83mm	80 / 83 / 112 mm	SK4-21: 58mm SK4-31: 80mm	80 / 83mm
Paper Thickness	0.059 – 0.15mm 0.10mm with presenter	0.059 – 0.12mm 0.075mm with presenter	0.059 – 0.085mm	0.059 – 0.15 mm
Media Presentation	Front exit with presenter and bezel options	Front exit with presenter options	Front exit with bezel options	front exit with presenter and bezel options
Sensors	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
Connectivity	Dual interface Serial and USB	Dual interface Serial and USB	Dual interface Serial and USB	Dual interface Serial and USB

Label Printers

Star Printer Series	mC-Label3	TSP143IV SK	TSP800II	TSP700II
Description	High quality, versatile direct thermal label printer	Direct thermal linerless label printer	112mm receipt, label, ticket and kiosk printer	80mm receipt, label, ticket and kiosk printer
Application	High, medium and low tack linerless labels, die-cut labels, continuous labels, receipts	Low tack linerless labels	Receipts, die-sut labels, tickets	Receipts, die-cut labels, tickets
Max.Print Speed	180mm/sec	180mm/sec	180mm/sec	250mm/sec
Resolution	203 dpi	203 dpi	203 dpi, 406 x 203 dpi selectable	203 dpi, 406 x 203 dpi selectable
Columns	Max. 64 col	Max. 64 col	Max. 104 col	48 / 64, 53 / 71 col
Autocutter	Full or partial cut (guillotine)	Partial cut (guillotine)	Full or partial cut (guillotine)	Full or partial cut (guillotine)
Paper Width	25.4mm to 80mm adjustable	40mm, 58mm, 80mm	112mm	80mm standard, 82.5, 58mm
Paper Thickness	0.049mm – 0.154mm	0.065 to 0.098mm	0.065 – 0.15mm	0.065 – 0.15mm
Sensors	Taken sensor, Paper jam sensor, GAP/Black mark sensor, Paper end sensor, Cover open sensor, Paper position sensor, Paper width sensor	Paper Taken Sensor for queuing labels	Black Mark sensor, Paper end sensor, Paper Near End sensor(horizontal & vertical) , Cover Open sensor	Black Mark sensor, Paper End sensor, Paper Near End sensor (horizontal & vertical), Cover Open sensor
Connectivity	USB-C (Power Delivery) with Android AOA, USB-A x 2 (Peripherals connectivity), Ethernet LAN (SteadyLAN), Star CloudPRNT, Bluetooth (MCL32CBI model), WLAN (with optional MCW10), Cash drawer / buzzer connection	USB-C, Ethernet LAN, USB-A x 1, WLAN (with optional MCW10) Star CloudPRNT Technology for Cloud based software	Plug-in Serial (HD03), 9-Pin Serial (HNO3), 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)

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