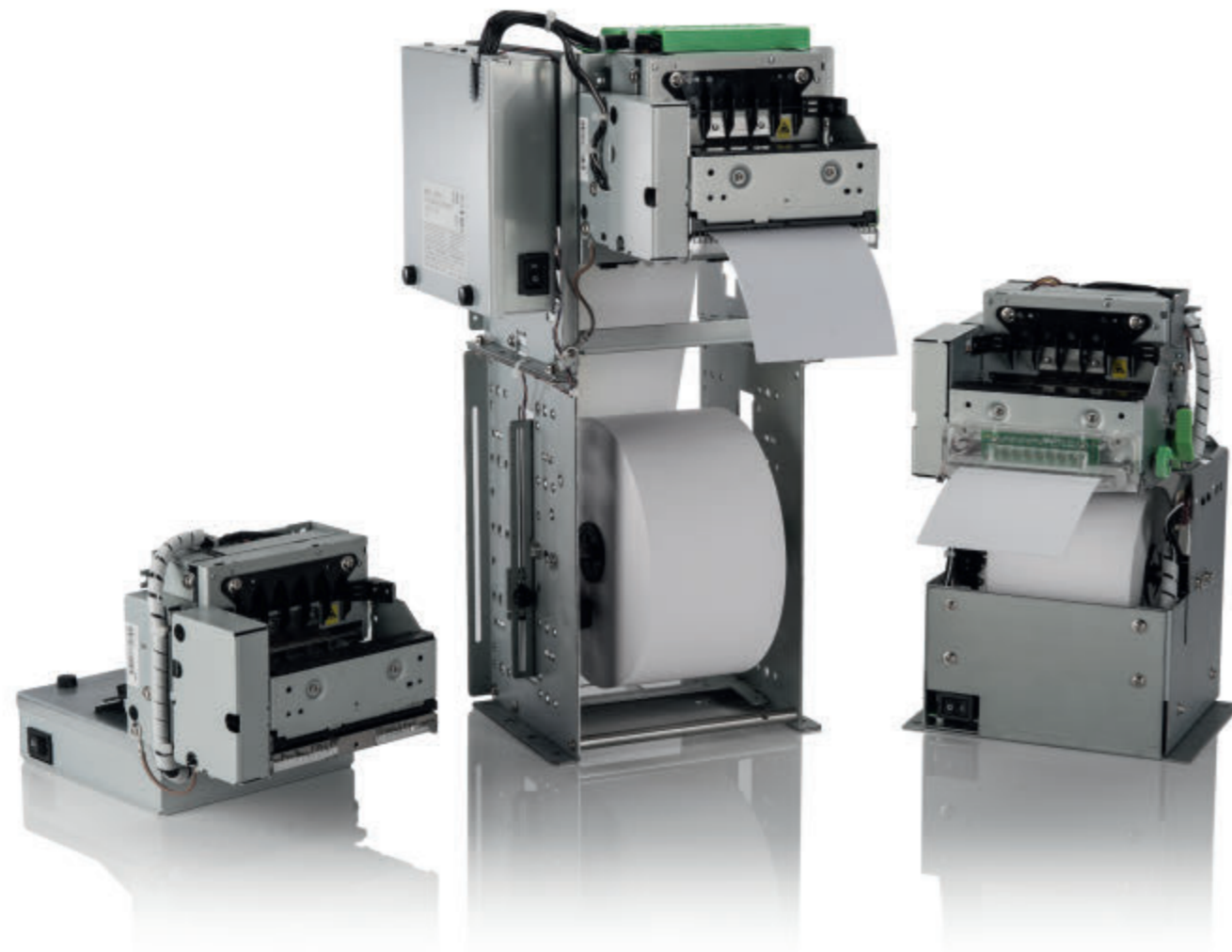




**Star** manufactures one of the largest ranges of kiosk printers currently available offering durability, versatility and the dedicated printing features necessary for successful kiosk installations.

With over 30 years of specialist knowledge, Star can offer expert advice for your project and has the resources to accommodate even the most demanding of kiosk applications.



## Kiosk Printing Solutions

Known throughout the industry for its high quality range of kiosk printing solutions, retailers, hospitaliers and ticketing companies alike are moving to Star Kiosk Printers.

With decades of specialist knowledge, Star is proud to boast the largest range of kiosk printers offering durability, versatility and specialist options designed specifically for the kiosk market.

## Star Innovation

### ▶ Remote Firmware Update Capability

All of Star's latest thermal printers can be sent firmware updates remotely saving our customers time and money. Contact [Support@Star-EMEA.com](mailto:Support@Star-EMEA.com) for more information.

### ▶ Actual Print Verification/Status

This is another hot topic which Star is happy to solve with their customers' system set-ups.

The Star printer solution is able to provide accurate status reports that verify whether a ticket has actually been printed, taken or retracted,

giving peace of mind all round.

### ▶ Star Operating Platform Support

It is well known that Star Micronics Drivers are the best in the industry due to the consistent investment, expertise and relationships developed with industry giants such as Microsoft, Apple including iOS and the UPOS committee.

Not only do Star's sophisticated drivers support industry standards from Windows to Linux and MacOS, but Star is also prepared to supply SDKs and source code for those kiosk

builders who prefer to communicate directly with the printer's port thus providing flexibility at all levels.



TSP800II



TSP700II



FVP10



Sanei SK1-V21

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

## The Star Difference

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

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

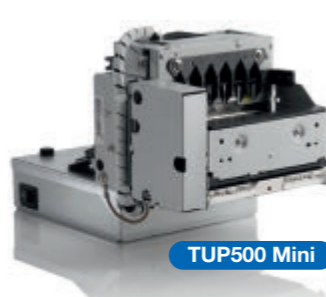
and Order Hubs, In-Store Loyalty applications, Parking and Access Control Ticketing, Customer Interaction Points and Information Kiosks.



TUP900  
without Presenter



TUP500  
with Presenter



TUP500 Mini



TUP500DP

## Star's Secret to Success

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

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

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

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

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

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

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



### RETAIL

- Vending Machines
- Cash Machines
- Product Locations

### HOSPITALITY

- Hotel Check-in
- Event Ticketing

### TICKETING

- Car Parks

### WAREHOUSE/LOGISTICS

- Product Picking
- Logistics

# Sanei SK1 Series

## Entry-level, Super-Compact, Open Frame Printers

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



SK1-21/211

SK1-31/311

SK1-31A

SK1-32

SK1-41A

**NEW**

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

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



Flashing Paper Exit guide

### Models available:

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

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

#### SK1-31/311/32 Series 54/56/72/80mm

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

#### SK1-41 Series 80/83/112mm

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

### Options:

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

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



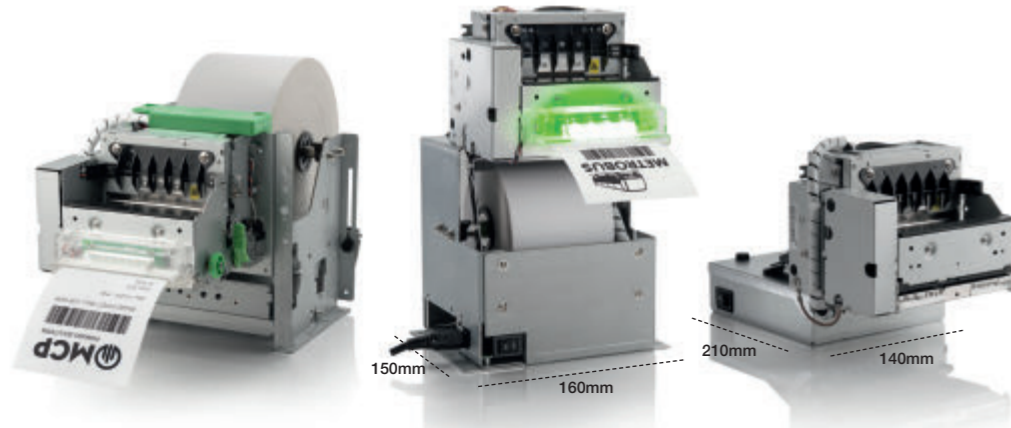
# TUP500 Series

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

- High speeds of up to 220mm/second (with standard 15cm paper roll) and a default speed of 180mm/second using the optional 25cm paper roll holder
- Adjustable 45 – 82.5mm paper width functionality with self centring width adjuster

- Barcodes, receipts, tickets, labels (TUP542) etc, all printed on media from 0.065mm to 0.15mm thick for different applications

**Interface options:**  
USB HU07, LAN HE07, Serial HD03, Parallel HC03



### TUP500 and TUP900 open frame and mechanism options:

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

# TUP900 Series

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

- 150mm/second high quality thermal barcode, label, receipt, ticket and A4 kiosk printing solution for 80 – 112mm formats up to 0.15mm thick

- A4 to A6 automatic scalable raster driver for reduced, cost-saving A4 to Internet output on 112mm wide paper
- Easy paper loading and multi-position adjustable near end paper sensor with 80cm of cable for use with the high capacity paper roll supply option
- Adjustable horizontal or vertical mounted control panel with extended cable lengths for integration flexibility
- Easy-load – simply lift and tilt the mechanism forward and insert the paper for automatic paper loading

**Interface options:**  
Serial HD04, Parallel HC04, USB HU08



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



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

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

### Models available:

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

Full specifications on [www.Star-EMEA.com](http://www.Star-EMEA.com)

# Kiosk / Terminal

	TUP592 TUP542	TUP992 TUP942	Sanei SK1-21/211/22 SK1-31/311/32	Sanei SK1-41A	TSP743II TSP847II
<b>STAR KIOSK PRINTER SERIES</b>					
	Modular, Open Frame Thermal Kiosk / Terminal		Open Frame Thermal Ticketing		
	Direct Thermal Label, Receipt & Ticketing				
<b>Description</b>	TUP592 Presenter Version TUP542 No Presenter for labels etc. TUP500 Modules – mech etc.	TUP992 Presenter Version TUP942 No Presenter for labels etc. TUP900 Modules – mech etc.	SK1-21/211 / SK1-31/311 No Presenter SK1-21/211-LP / SK1-31/311-LP Presenter SK1-22 / SK1-32 Clamshell™	SK1-41A-L No Presenter SK1-41A-LP with Presenter and Label Support	Barcodes, Labels, Tickets all from the ONE model! TSP847II: The ALTERNATIVE A4 Laser Printer
<b>Max. Print Speed</b>	220mm/sec.	150mm/sec.	200mm/sec.	150mm/sec.	TSP743II: 250mm/sec. TSP847II: 180mm/sec.
<b>Resolution</b>	203 dpi	203 dpi	203 dpi	203 dpi	203 dpi, 406x203 dpi selectable
<b>No. of Columns</b>	48 / 64 or 53 / 71 col. Depending on Paper Width	A4 Print Capability on 112mm Paper with Auto Scaling Software	SK1-2x: Max 56 col. SK1-3x: Max 80 col. Depending on Paper Width	Max 104 col. (8 x 16) Max 69 col. (12 x 24) Depending on Paper Width	TSP743II: 48 / 64 or 53 / 71 col. TSP847II: "Reduced" A4 print capability with Auto Scaling Driver
<b>Autocutter</b>	Full or Partial (Guillotine) Full only with PR500 Presenter & TUP592	Full or Partial (Guillotine) Full Only with PR900 Presenter & TUP992	Full or Partial (Guillotine) Full Only With Presenter	Full or Partial (Guillotine) Full Only With Presenter	Full or Partial Cut (Guillotine)
<b>Paper Width</b>	45 – 82.5mm Adjustable	80 – 112mm Adjustable	SK1-21/211/22: 54 / 56mm SK1-31/311/32: 58 / 60 / 83mm	80 / 83 / 112mm	TSP743II: 80mm (default), 82.5mm, 58mm selectable. TSP847II: 112mm Standard, 80mm with Paper Guide option
<b>Paper Thickness</b>	0.065 – 0.15mm	0.065 – 0.15mm	0.059 – 0.15mm 0.10mm with presenter	0.059 – 0.15mm 0.075mm with presenter	0.065 – 0.15mm
<b>Paper Roll Standard Option</b>	Standard: 150mm With Option: 254mm	Standard: 150mm With Option: 254mm	Standard: 120mm With Option: 200mm	Standard: 120mm With Option: 200mm	100mm
<b>Media Presentation</b>	Presenter with Document Capture (not for labels). Flashing Paper Exit Guide option	Presenter with Document Capture (not for labels). Metal or Flashing Paper Exit Guide options	SK1-21/211/31/311: Presenter with Document Capture (not for labels). Plastic or Flashing Paper Exit Guide options	Presenter with Document Capture (not for labels). Plastic or Flashing Paper Exit Guide options	User Selectable Paper Delivery Options with Mounting Bracket included (TSP847II option) & Optional Paper Exit Guide
<b>Print Width</b>	80mm	104mm	SK1-2x: 54 / 56mm SK1-3x: 54 / 56 / 72 / 80mm	72 / 80 / 104mm	TSP743II: 80mm max. TSP847II: 104mm
<b>Sensors</b>	Black Mark, Adjustable Paper End, Near End & Paper Low	Black Mark, Adjustable Paper End, Near End & Paper Low	Near End, Reflection (PE/BM) & Gap	Near End, Reflection (PE/BM) & Gap	Black Mark, Paper End, Cover Open, Near End Horizontal & Vertical
<b>Interface</b>	Supplied without Interface. Options: 9-pin or 25-Pin Serial (IFBD-HN03 or IFBD-HD03), Parallel (IFBD-HC03), USB (IFBD-HU05), Ethernet (IFBD-HE07)	Supplied without Interface. Options: 9-pin or 25-Pin Serial (IFBD-HN04 or IFBD-HD04), Parallel (IFBD-HC04), USB (IFBD-HU06)	Dual Interface – Serial & USB 12 volt versions available for solar panel connection etc.	Dual Interface – Serial & USB 12 volt versions available for solar panel connection etc.	Serial, Parallel, USB and Non-interface versions. Plug-in Options: Serial (IFBD-HD03), 9-pin Serial (HN03), Parallel (HC03), Ethernet (HE07), WebPRINT (HE07X), Hi X (HI01X). NEW Bluetooth (Apple iOS, Android, Windows) versions available
<b>Unique Ethernet Print on Disconnection Feature</b>	Standard with IFBD-HE07 option	Contact Star for more details			Standard with IFBD-HE07 Option
<b>Power Supply</b>	External Option PS60	External Option PS60	External Option PS60 with CB-SK1-D3 cable	External Option SA1-3A240 Power Lead Now Supplied	External Option PS60
<b>Power Consumption</b>	40.8 W Printing 16.8 W Standby	40.8 W Printing 1.92 W Standby	60 W Printing 1.68 W Standby	60 W Printing 1.68 W Standby	TSP743II: 43.2 W Printing 3.6 W Standby TSP847II: 48 W Printing 2.88 W Standby
<b>Energy Star</b>	External, Energy Star Qualified PS60 (optional)	External, Energy Star Qualified PS60 (optional)	External, Energy Star Qualified PS60 (optional) + Qualified SA1-3A240 (optional)	External, SA1-3A240 (optional)	External, Energy Star Qualified PS60 (optional)
<b>Reliability</b>	60 million lines 1 million cuts	37 million lines 1 million cuts	60 million lines 1.5 million cuts	60 million lines 1.5 million cuts	TSP743II: 60 million lines 2 million cuts TSP847II: 37 million lines 2 million cuts
<b>Dimensions (W x D x H) mm</b>	Mechanism: 135 x 101 x 103 Open Frame: 160 x 234.1 x 179 2.5kg	Mechanism: 176.2 x 101 x 121 Open Frame: 192 x 249.3 x 179 2.84kg	SK1-21/211: 80mm roll 104 x 129.2 x 73.6 / 525g SK1-31/311: 83mm roll 127 x 130 x 74 / 630g SK1-22: 104 x 140.3 x 69.7 / 580g SK1-32: 128 x 174.5 x 74.2 / 730g	80mm roll: 160.9 x 143.1 x 76.3 102mm roll: 160.9 x 151.2 x 82.2 120mm roll: 160.9 x 159.3 x 88.1 without presenter / 885g	TSP743II: 147 x 213 x 148 / 1.75kg TSP847II: 180 x 213 x 148 / 1.9kg
<b>Weight (without interface cover)</b>					
<b>Document Capture (Anti-litter mode)</b>	Document Capture	Document Capture	Document Capture	Document Capture	
<b>Options</b>	<ul style="list-style-type: none"> <li>Interfaced (see above)</li> <li>Flashing Snout Green &amp; Red LED Paper Exit Guide</li> <li>25cm Paper Roll Option</li> </ul>	<ul style="list-style-type: none"> <li>Interfaced (see above)</li> <li>Metal Paper Exit Guide</li> <li>Flashing Snout Blue or Green &amp; Red LED Paper Exit Guide Option</li> <li>25cm Paper Roll Option</li> </ul>	<ul style="list-style-type: none"> <li>LED Bezel SK1-211/311 LB-SK1</li> <li>Plastic Bezel BZ-SK1-2 or 1</li> <li>PS60 PSU+PS60 Connector CB-SK1-D3</li> <li>20cm Paper Roll Option HL02</li> <li>Presenter PR-SK1</li> </ul>	<ul style="list-style-type: none"> <li>Plastic Bezel BZ-SK1-1</li> <li>Flashing Snout LB-SK1</li> <li>PS60 PSU + PS60 Connector CB-SK1-D3</li> </ul>	<ul style="list-style-type: none"> <li>Buzzer • Blue or Green &amp; Red LED Paper Exit Guide</li> <li>Plug-in Interfaces</li> <li>Plug-in WebPRINT</li> <li>Star WebPRINT Browser for Bluetooth model</li> <li>TSP743II: Splash Proof Cover</li> </ul>