



Star Micronics, one of the world's largest POS providers, has designed a portfolio of printing, cash drawer and customer engagement solutions for any retail or hospitality establishment in POS, mPOS and mobile environments.

Embracing the mobility wave, Star's complementary SDKs allows users to utilize Star printers in tandem with Android™, iOS iPad and iPhone devices to generate receipts for all of its printers.

Always leading-Always innovating, Star Micronics enables web-based printing solutions including: remote cloud printing, wireless cash drawer solutions, proximity-based printing and secure cash management.

SERVICE AND SUPPORT

All Star printers are backed by industry leading warranty service and support programs available throughout the United States, Canada and Latin America. Accessible from our Global Support site, Star Micronics offers SDKs and drivers for most platforms, such as iOS, Android and Windows.



Visit www.starmicronics.com/support to download SDKs, drivers and documentation.

SERVICE

Star is proud to offer two extended warranty service programs available for purchase to make customers feel even more confident when using Star printers.	
Extend-A-Star	Swap-A-Star
<ul style="list-style-type: none"> Star's service program offers bumper to bumper coverage for warranted printer including parts, labor, print head and cutter 2 year programs are available for portable printers only 3 year programs are available for SP500, SP700, TSP100, TSP650II, TSP700II, TSP800II, FVP10, TSP1000, HSP7000 & Kiosk printers Extend-A-Star warranty program is available within 30 days of printer purchase only 	<ul style="list-style-type: none"> Star's service program offers overnight replacement for warranted printer. All shipping expense including replacement printer and customer's returned printer is paid for by Star. 2 year programs are available for portable printers only 3 year programs are available for SP500, SP700, TSP100, TSP600II, TSP700II, TSP800II, FVP10, TSP1000, HSP7000 & Kiosk printers Swap-A-Star warranty program is available within 30 days of printer purchase only <p><small>* TSP100ECO printer comes with a FREE 1 year Swap-A-Star included with printer purchase.</small></p>

DRIVERS & SDK AVAILABLE



TECHNOLOGY SOLUTIONS

ProxiPRNT

	Proximity Based Printing and Secure Cash Management
	<p>ProxiPRNT is a proximity based technology enabling printing and secure cash management for mobile pos in enterprise retail.</p> <p>Once integrated with the receipt printer or cash drawer, ProxiPRNT enables automatic selection of networked POS peripherals based on the proximity of the mobile device being used by the sales staff. Based on BLE (Bluetooth Low Energy) technology, ProxiPRNT works with both iOS and Android devices. With low power requirements, compact size, and affordability, Star's ProxiPRNT technology is easy to integrate for any mobile application.</p>

PassPRNT

	Bluetooth Receipt Printer Support
	<p>PassPRNT is an app for iPhone®, iPad®, and iPod Touch® which allows Filemaker® developers and others to easily add Bluetooth receipt printer support.</p>

WebPRNT

	Enables Printing from Web-Based Applications
	<p>WebPRNT is a device-agnostic receipt printing technology that supports HTTP requests used in web-based applications, eliminating the need to install drivers or download software.</p> <p>Easy to read, maintain and modify for developers; simply use the appropriate XML tags or integrate Star's WebPRNT Javascript library into your web-based application to begin printing.</p> <p>Star's WebPRNT Browser extends WebPRNT technology for printing from web-based applications to a Star WebPRNT Ethernet printer now with the ability to print to a Star Bluetooth printer.</p>



CloudPRNT

	Enable Printing From Remote Servers
	<p>Star CloudPRNT is a hardware extension of Star's printer using a protocol to enable printing from remote servers. CloudPRNT is designed to be simple to implement, versatile and secure. Star CloudPrt utilizes a familiar technology for web developers and does not require a specific firewall, port forwarding, or tunneling to enable connectivity.</p>

AllReceipts™

	FREE Digital Receipt Solution
	<p>AllReceipts™ is a FREE digital receipt solution which complements printed receipts. AllReceipts™ is available on all Star Micronics desktop thermal receipt printer models.</p> <p>AllReceipts™ includes a device management tool providing printer status, paper low and operational notifications. An "instant" customer satisfaction survey allows retail and hospitality establishments access to real time feedback based on the level of their customers' satisfaction. With the AllReceipts™ app, customers can manage their receipts digitally, for free and anonymously.</p>





OPTIONAL ACCESSORIES

	<p>Automotive 12V Power Adapter: 12VDC to 12 VDC cigarette lighter (DP8340 only)</p>
	<p>Automotive 24V Power Adapter: 24VDC to 12 VDC cigarette lighter (FVP-10, TSP650II, TSP700II, TSP800II)</p>
	<p>PS8340 ADAPTER SET EC: 220VAC Power Supply Set (DP8340)</p>
	<p>PS8340 ADAPTER SET US: 10VAC Power Supply Set (DP8340)</p>
	<p>PS-60 POWER SUPPLY: Universal 24VDC Output Power Supply for all other printers</p>
	<p>Standard Powered USB Cable (HSP7000) Y Powered USB Cable (FVP-10 and TSP700II)</p>
	<p>Splash Proof Cover for TSP100, TSP650II & TSP700II: Increase splash resistance with this easy-to-install splash proof cover! This cover easily fits over the top of the printer securely, ensuring hours of operation in the most harsh restaurant environments.</p>
	<p>Buzzer Alarm: The Buzzer is designed to connect directly to the RJ11 port on the back of the printer. When a print job is sent to the printers, the buzzer will sound off. This is beneficial for high noise environments like kitchens to alert cooks that orders have been sent to them.</p>

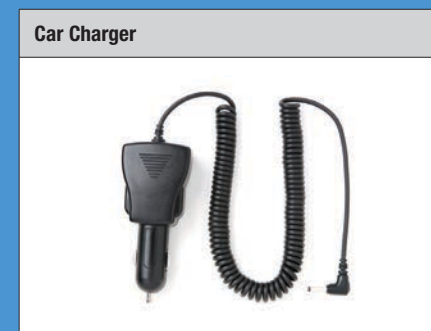
mPOP™ ACCESSORIES



SANEI KIOSK PRINTER OPTIONS

	<p>Power Adapter Cable (CB-SK1-D3) Available for: SK1-21, SK1-22, SK1-24 SK1-31, SK1-32 SK1-41</p>
	<p>Bezel paper detector (BZ-SK-1) Available for: SK1-21, SK1-22, SK1-24 SK1-31, SK1-32</p>
	<p>Large Paper Roll Holder (HL2) Available for: SK1-21 SK1-31</p>
	<p>Power Supply (PS60A) Available for: SK1-21, SK1-22, SK1-24 SK1-31, SK1-32 SK1-41</p>

MOBILE ACCESSORIES



TYPICAL APPLICATIONS



Banking & Credit Union:

- TSP700II
- TSP800II
- HSP7000
- FVP-10



Convenience Stores:

- HSP7000
- SP700
- TSP650II / BTi
- AsuraCPRNT



Labels/Warehouse:

- TSP700II
- SM-T300 / i



Healthcare:

- TSP800IIRx
- TSP700II
- TSP650II / BTi
- AsuraCPRNT



QSR:

- TSP100ECO
- TSP100III



Bar Service:

- SP700
- FVP-10
- TSP1000
- TSP650II / BTi



Hotel/Motel:

- TSP800II
- AsuraCPRNT



Spa & Salon:

- TSP100ECO
- TSP100III
- TSP700II
- TSP650II / BTi
- AsuraCPRNT



Law Enforcement:

- TSP800II
- SM-T400i



Pizza & Delivery Service:

- TSP800II
- SP700
- SM-T300i



Data Terminal:

- SP500
- TSP650II / BTi



Kitchen:

- SP700
- SP500
- FVP-10
- TSP100IIILAN



Lottery & Gaming:

- TSP1000
- TSP700II
- TUP900
- TUP500
- AsuraCPRNT



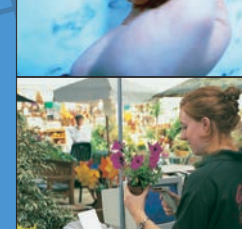
Self Service:

- TSP100ECO
- TSP100III
- TSP650II / BTi
- TSP700II
- FVP-10
- AsuraCPRNT



Retail:

- HSP7000
- TSP700II
- TSP100ECO
- TSP100III
- SM-L200
- SM-S220i
- SM-S230i
- mPOP™
- AsuraCPRNT



Point of Sale:

- TSP100ECO
- TSP100III
- TSP650II / BTi
- TSP700II
- SM-S230i
- SM-T300 / i
- SM-L200
- mPOP™








PAPER SPECIFICATIONS


























Printer	Part #	Model #	Description	Thickness (mm)	Roll Length (m)
AsuraCPRNT, FVP-10, HSP7000, SK1-32SF4-Q, TSP100, TSP650 Resto, TSP650II, TSP700II	37963920	TRF80-D82-C12	80mm (3.15") Thermal Paper Roll (12 pack)	0.055	68
DP8340, SP200, SP300, SP500, SP700	87993850	RF76-D76-C12	76mm (3") Standard Bond Paper Roll	0.09	45.72
DP8340, SP200, SP500, SP700	87993940	RF76-D76-C12	76mm (3") 3-Ply Standard Bond Paper Roll	0.2	68
	87992590	RF76-D76-C12	76mm (3") 2-Ply Standard Bond Paper Roll	0.16	67
SK1-21ASF2-LQP, SK1-V21ASF2-LQP, SK1-31ASF4-LQP, SK1-V31ASF4-LQP	37963610	TRF58-D100-C25	58mm (2.28") Thermal Paper Roll w/ 1" core I.D.	0.0584	88.9
SK1-21ASF2-Q, SK1-V21ASF2-Q	37964760	TRF58-D120-C12	58mm (2.28") x 120mm (4.7" diameter) Thermal Paper Roll w/ 12mm core I.D.	0.058	189.6
SK1-22SF2-LQP	37964780	TRF58-D82-C24	58mm (2.28") x 82mm (3.2" diameter) Thermal Paper Roll w/ 24mm core I.D.	0.058	88
SK1-22SF2-Q, SK1-24SF2-Q	37964770	TRF58-D82-C12	58mm (2.28") x 82mm (3.2" diameter) Thermal Paper Roll w/ 12mm core I.D.	0.058	88
SK1-31ASF4-Q, SK1-V31ASF4-Q	37964790	TRF80-D120-C12	80mm (3.15") x 120mm (4.7" diameter) Thermal Paper Roll w/ 12mm core I.D.	0.058	189.6
SK1-41ASF4-LQ, SK1-41ASF4-LQP, TSP800II	37963930	TRF110-D100-C24	110 mm (4.3") Thermal Paper Roll	0.058	125
HL2 Option	37964800	TRF58-D200-C24	58mm (2.28") x 200mm (7.87" diameter) Thermal Paper Roll w/ 24mm core I.D. for HL2 option for SK1-21 Series	0.058	523.6
	37964810	TRF80-D200-C24	80mm (3.15") x 200mm (7.87" diameter) Thermal Paper Roll w/24mm core I.D. for HL2 option for SK1-31 Series	0.058	523.6
SM-S220i, SM-L200, SM-S230i	37962150	TRF58-D38-C12	58mm (2") x 38mm (1.4" diameter) Thermal Paper Roll	0.06	15
SM-T300, SM-T300i	37962190	TRF80-D38-C12	80mm (3.15") x 50mm (2" diameter) Thermal Paper Roll	0.061	29
SM-T400i	37962210	TRF112-D38-C12	112mm (4") x 38mm (1.4" diameter) Thermal Paper Roll	0.061	15
	37964890	TRF112-D50-C12	112mm (4") High Temp Paper Roll	0.061	28
TSP1000, TUP500, TUP900	37996690	TRF80-D150-C24	80mm (3.15") x 152.5mm (6" diameter) Thermal Paper Roll (Mid-grade thicker paper)	0.08	200
TSP1000	37964040	TRF80-D150-C24	80mm (3.15") x 152.5mm (6" diameter) Thermal Paper Roll (4 pack)	0.06	204
TSP654 SK	37963040	TRK80-D82-C24	80mm (3.15") Full Coverage Adhesive Sticky Paper Roll (24 pack)	0.0863	26
TSP800II	37964880	TRF112-D100-C12HT	112mm (4") High Temp Paper Roll (6 pack)	0.082	83.5
TUP500, TUP900	87993440	TRF82-D200-C32	82.5mm (3.5") x 203.2 (8" diameter) Thermal Paper Roll (For large paper roll holder)	0.06	536
TUP900	37963960	TRF110-D150-C24	112mm (4") x 152.5mm (6" diameter) Thermal Paper Roll (4 Pack)	0.06	282
	37995650	TRF110-D150-C50	112mm (4") x 152.5mm (6" diameter) Thermal Paper Roll (Mid-grade thicker paper)	0.09	160
mPOP	37965970	TRF58-D50-C12	58mm (2") Thermal Paper Roll	0.06	15






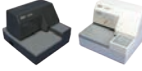
























RIBBON SPECIFICATIONS

Printer	Part #	Model #	Description
SP500	30980113	RC200B	Black Ribbon 1.2 M, Character Life
	30982000	RC2000D	Black Indelible Ribbon
	30980114	RC200BR	Red/Black Ribbon, 600K/300K Red Character Life
SP700	30980721	RC700BR	Black/Red Ribbon
	30980731	RC700B	Black Ribbon
	30980742	RC700D	Black Indelible Ribbon
HSP7000	30981300	RC7KB	Black Ribbon 3M, Character Life





COMMUNICATION INTERFACES

Serial	Parallel	Ethernet	USB
			
PoweredUSB		Bluetooth	Wireless LAN
			

 www.starmicronics.com	mPOP™ 	Asura CPRNT 	TSP100ECO 	TSP100III 	TSP650SK 	TSP650II 	FVP-10 	TSP700II 
PRODUCT TYPE	MOBILE POS	SELF-SERVICE MINI KIOSK	THERMAL LINE PRINTERS					
SPECIAL FEATURES	<ul style="list-style-type: none"> • Compact and Sleek Design • Printer-Cash Drawer • Scanner-Device Stand • Black and White Models • Compatible with iOS, Android, and Windows • Cable Management with Multiple Exit Options • Cash Drawer: 4 or 6 Bill Adjustable Coin Slots • Bluetooth 2.1 and USB connectivity 	<ul style="list-style-type: none"> • 15" All-In-One Self-Service Kiosk • 7" LCD Interactive Touch Screen • Reliable ARM Based CPU • 256MB of Memory + Micro SDHC up to 32GB • Integrated, Fast Thermal Printer • Magnetic Stripe Reader Optional • Internal Speaker • 4 x USB Port, Ethernet, Audio Line Out, MIC Input • 32 Level Grayscale Printing • LED Lighting for Visual Feedback • Case Color: White 	<ul style="list-style-type: none"> • All Accessories Included: Interface & Power Cables, Intelligent futurePRNT™ Software • Splash Proof Cover / Vertical Display Stand / Buzzer Options • Dedicated USB • Case Color: White or Gray • ECO Features: 75% Reduced Power Consumption 5%-70% Reduced Paper Consumption Recyclable Packaging 	<ul style="list-style-type: none"> • All Accessories included: Interface & Power Cables, Intelligent futurePRNT™ Software • Splash Proof Cover / Vertical Display Stand / Buzzer Options • Dedicated Ethernet, Wi-Fi or Bluetooth • Case Color: White or Gray • ProxiPRNT Ready • USB connector to power mobile devices 	<ul style="list-style-type: none"> • Liner-Free Repositioning Label Solution • Improves Order Accuracy up to 99% • Reliable Guillotine Cutter • Splash Proof Cover & Vertical Display Stand Options • Wall Mount Included • Case Color: White or Gray 	<ul style="list-style-type: none"> • Reliable Guillotine Cutter • Splash Proof Cover & Vertical Display Stand Options • Wall Mount Included • Case Color: White or Gray • Supported by WebPRNT Browser Application • Available with WebPRNT & Apple MFI Certified Bluetooth Connectivity • WiFi Power Pack 	<ul style="list-style-type: none"> • Audible Notifications • Front Exit Printing • Under the Counter Mounting • Platform Extension • Waterproof • Case Color: Gray • WiFi Power Pack 	<ul style="list-style-type: none"> • Only Single Station • Barcode, Label, Ticket & Receipt Printer Available • Splash Proof Cover Option • External Paper Feed • Case Color: Putty or Gray • Supported by WebPRNT Browser Application • Available with WebPRNT & Apple MFI Certified Bluetooth connectivity (Bluetooth model enabled with black mark sensor for label printing) • WiFi Power Pack
JOURNAL			 Daily Electronic Journal					
LABELS								
MOBILE								
POS							 IPX1 Certified	
SLIP								
TICKETS								 Up to 200gsm
FEATURES								
PRINTER SPEED	100mm/sec.	300mm/sec.	28 Receipts Per Minute 150mm/sec.	45 Receipts Per Minute 250mm/sec.	300mm/sec.	60 Receipts Per Minute 300mm/sec.	54 Receipts Per Minute 250mm/sec.	48 Receipts Per Minute 250mm/sec.
AUTOCUTTER	Guillotine	Partial Guillotine Cut	Partial Guillotine Cut	Partial Guillotine Cut with Emergency Tear Bar	Partial Guillotine Cut	Partial Guillotine Cut	Full / Partial Guillotine Cut	Full / Partial Guillotine Cut
PAPER WIDTH	58mm	58 / 65 / 80mm	80mm (58mm Using Guide Provided)	80mm (58mm Using Guide Provided)	80mm (58mm Using Guide Provided)	80mm (58mm Using Guide Provided)	58 – 80mm Fully Adjustable	80mm (82.5 and 58mm by Moving Pre-Installed Guide)
THICKNESS	0.053 ~ 0.075mm	0.053 ~ 0.085mm	0.060 ~ 0.085mm	0.053 ~ 0.085mm	0.060 ~ 0.085mm	0.060 ~ 0.085mm	0.060 ~ 0.15mm	0.060 ~ 0.15mm
PRINT WIDTH	54 or 48mm	72mm (80mm paper) 52mm (58mm paper)	50.8mm (58mm paper) 72mm (80mm paper)	50.8mm (58mm paper) 72mm (80mm paper)	72mm (80mm paper) 52mm (58mm paper)	72mm (80mm paper) 52mm (58mm paper)	50.8 ~ 72mm Fully Adjustable	50.8mm (58mm paper) 72mm (80mm paper) 80mm (82mm paper)
INTERFACE	Bluetooth 2.1 and USB	USB-Host x4 (Type A), USB-Host x1 (Type B), Line Out, MIC, LAN, MicroSDHC, Drawer Kick	USB 2.0 Full Speed with "Virtual" Serial Port Emulator	Ethernet with "Virtual" Serial Port Emulator Bluetooth 3.0	Serial, Parallel, USB, Ethernet, W-LAN	Serial, Parallel, USB, Ethernet, Bluetooth SPP & iAP (iOS Standard), WebPRNT Ethernet	Dual Interface USB + (Serial, Parallel, PoweredUSB or Ethernet)	Serial, Parallel, USB, Ethernet, Bluetooth SPP & iAP (iOS Standard), WebPRNT Ethernet
POWER SUPPLY	Integrated	Internal Power Supply with Power Cable Included	Internal Power Supply with Power Cable Included	Internal Power Supply with Power Cable Included	External, PS60 (Included)	External, PS60 (Included)	External, PS60 (Optional)	External, PS60 (Optional)
RELIABILITY	18 Million Lines	60 Million Lines	60 Million Lines	60 Million Lines	60 Million Lines	60 Million Lines	60 Million Lines	60 Million Lines
DIMENSIONS (w x h x d)mm	308 x 100 x 300	180 x 380 x 162	142 x 132 x 204	142 x 132 x 204	142 x 132 x 202	142 x 132 x 202	144 x 114 x 227.7	147 x 148 x 213
TYPICAL APPLICATIONS	Retail, Point of Sale	Digital Signage, Food Service, Healthcare, Lodging, Lottery & Gaming, Retail, Self-Service, Ticketing	Food Service, Retail, Self-Service	Food Service, Kitchen, Retail, Self-Service	Food Service & Delivery, Kitchen, Labels / Warehouse	Food Service, Retail, Self-Service	Banking & Credit Union, Food Service, Kitchen, Retail, Self-Service	Banking & Credit Union, Labels / Warehouse, Lottery & Gaming, Retail, Self-Service

	TSP800II	TSP800IIRx	TSP1000	SP500	SP700	SP298	DP8340	HSP7000	TUP500
									
PRODUCT TYPE	THERMAL LINE PRINTERS			MATRIX IMPACT PRINTERS				HYBRID PRINTER	KIOSK PRINTERS
SPECIAL FEATURES	<ul style="list-style-type: none"> • 112mm Wide Paper Format • Automatic A4 to A6 Scalable Driver • Barcode, Label & Ticket Printer • External Paper Feed • Case Color: Putty or Gray • Supported by WebPRNT Browser Application • Available with WebPRNT & Apple MFI Certified Bluetooth connectivity • WiFi Power Pack 	<ul style="list-style-type: none"> • Locking Paper Chamber • Kensington Lock Slot • Scalable Raster Driver • External Power Supply Included • Black Mark Sensor • Case Color: Gray • Supported by WebPRNT Browser Application • Available with WebPRNT & Apple MFI Certified Bluetooth connectivity • WiFi Power Pack 	<ul style="list-style-type: none"> • 7" Paper Roll Capacity • Includes 30 Ticket / Receipt Stacker • Black Mark Sensors • Ticket Stacker Sensor • Case Color: Putty, Gray or Red • WiFi Power Pack 	<ul style="list-style-type: none"> • Tear Bar & Auto Cutter Versions • 6 Position Black Mark Sensor • Paper Rewind Version • Buzzer Alarm Option • Near End Paper Sensor Option • Case Color: Putty or Gray • WiFi Power Pack 	<ul style="list-style-type: none"> • Unique Wipe Clean / Splash-Proof Design • Longer Ribbon Life • Cost-Effective • Two Color Printing Capability • Supported by WebPRNT Browser Application • Available with WebPRNT & Apple MFI Certified Bluetooth connectivity • Case Color: Putty or Gray • WiFi Power Pack 	<ul style="list-style-type: none"> • Auto Side Loading • Instant Top of Form Positioning • Case Color: Putty or Gray 	<ul style="list-style-type: none"> • Two Color Printing Capability • Friction or Sprocket Versions • Multiple Copies • 12 VDC Power • Case Color: Putty 	3 Printer Versions: <ul style="list-style-type: none"> • HSP7543: Hybrid Combo without MICR • HSP7643: Hybrid Combo with Top Position MICR • HSP7743: Hybrid Combo with Bottom Position MICR • Intelligent Front Loading • WiFi Power Pack 	<ul style="list-style-type: none"> • Looping Presenter • Document Capture • Near End Paper Sensor • 250mm Diameter Paper Roll Option • Optional Flashing LED Bezel • Open Frame or Modular Solution for 80, 82.5 or 112mm Receipt Output • Flashing Paper Exit Guides
JOURNAL									
LABELS									
MOBILE									
POS									
SLIP									
TICKETS	 Up to 150gsm		 With Stacker						
FEATURES									
PRINTER SPEED	37 Receipts Per Minute 180mm/sec.	37 Prescriptions Per Minute 180mm/sec.	34 Receipts Per Minute up to 180mm/sec.	12 Receipts Per Minute 7.0 ~ 7.5 Lines Per Second	13 Receipts Per Minute 4.7 ~ 8.9 Lines Per Second	3.1 Lines Per Second	2.0 Lines Per Second	Thermal: 48 Receipts Per Min. Slip: 4.82 Lines Per Second	Up to 220mm/sec.
AUTOCUTTER	Full / Partial Guillotine Cut with Tear Bar	Full / Partial Guillotine Cut with Tear Bar	Full Guillotine Cut	Full / Partial Cut or Tear Bar Models	Full / Partial Guillotine Cut with Tear Bar or Tear Bar Only Models	Slip Printer	Tear Bar Only	Partial Guillotine Cut	TUP592: Full Guillotine Cut + Present TUP542: Full Guillotine Cut
PAPER WIDTH	112mm standard, (82.5, 58 or 80mm Options with User Installable Paper Guide Option)	112mm standard, (82.5, 58 or 80mm Options with User Installable Paper Guide Option)	45 ~ 82.5mm	76mm (58mm Using Guide Provided)	76mm (69.5 and 58mm Using Guide Provided)	Minimum 80mm	114.3mm	Thermal: 80mm (76, 58mm Using Guide) Matrix: 68 ~ 230mm	45 ~ 82.5mm Adjustable
THICKNESS	0.060 ~ 0.15mm	0.060 ~ 0.15mm	0.060 ~ 0.15mm	0.070 ~ 0.10mm	0.060 ~ 0.10mm	0.090 ~ 0.20mm	0.070 ~ 0.090mm	Thermal: 0.06 ~ 0.085mm Matrix: 0.09 ~ 0.31mm	0.060 ~ 0.15mm
PRINT WIDTH	104mm	104mm	80mm on 82.5mm Wide Paper	45mm (58mm paper) 63mm (76mm paper)	45mm (58mm paper) 63mm (76mm paper)	63mm	84.3mm	Receipt: 51 / 68 / 72mm Slip: max. 85.4mm	Max. 74mm
INTERFACE	Serial, USB, Ethernet, Bluetooth SPP & iAP (iOS Standard), Web-PRNT Ethernet	Serial, Parallel, USB, Ethernet, Bluetooth SPP & iAP (iOS Standard)	Serial, Parallel, USB, Ethernet	Serial, Parallel, USB, Ethernet	Serial, Parallel, USB, Ethernet, Bluetooth, WebPRNT, W-LAN	Serial or Parallel	Serial or Parallel	Serial, Parallel, USB, PoweredUSB, Ethernet	Serial, Parallel, USB, Ethernet
POWER SUPPLY	External, PS60 (Optional)	External, PS60 (Included)	External, PS60 (Optional)	Internal Power Supply with Power Cable Included	Internal Power Supply with Power Cable Included	External, PS60 (Optional)	External, PS8340 (Optional)	External, PS60 (Optional)	External, PS60 (Optional)
RELIABILITY	37 Million Lines	37 Million Lines	60 Million Lines 1 Million Cuts	22 Million Lines	22 Million Lines	9 Million Lines	10 Million Lines	Thermal: 60 Million Lines Slip: 37 Million Lines	60 Million Lines
DIMENSIONS (w x h x d)mm	180 x 148 x 213	180 x 148 x 213	161 x 249 x 306.5	140 x 163 x 225	160 x 152 x 245	180 x 138.5 x 190	202 x 98 x 200 (without Paper Holder)	186 x 177 x 296	160.0 x 234.1 x 179.0
TYPICAL APPLICATIONS	Banking & Credit Union, Field / Food Service & Delivery, Law Enforcement, Lodging	Healthcare	Food Service, Lottery & Gaming, Ticketing	Kitchen	Kitchen	Kitchen	Field Service & Delivery	Banking & Credit Union, Retail	Lottery & Gaming, Self-Service, Ticketing

 www.starmicronics.com	TUP900	SK1-20	SK1-30	SK1-40	SM-L200	SM-S230i	SM-T300/i	SM-T400i
PRODUCT TYPE	KIOSK PRINTERS				PORTABLE PRINTERS			
SPECIAL FEATURES	<ul style="list-style-type: none"> • Looping Presenter • Document Capture • Near End Paper Sensor • 250mm Diameter Paper Roll Option • Open Frame or Modular Solution for 80, 82.5 or 112mm Receipt output • Flashing Paper Exit Guides 	<ul style="list-style-type: none"> • 2 Inch Easy Maintenance Kiosk Printer with Auto Cutter • Compact & Light Weight • Full & Partial Cut (command selectable) • Easy to integrate • SK1-22: Drop-in Paper Loading • SK1-24: Front Paper Loading 	<ul style="list-style-type: none"> • 3 Inch Easy Maintenance Kiosk Printer with Auto Cutter • Compact & Light Weight • Full & Partial Cut (command selectable) • Easy to integrate • SK1-32: Drop-in Paper Loading 	<ul style="list-style-type: none"> • 4 Inch Easy Maintenance Kiosk Printer with Auto Cutter • Compact & Light Weight • Full & Partial Cut (command selectable) • Easy to integrate 	<ul style="list-style-type: none"> • 2 Inch Portable Printer • Compact and Cost Effective Design • Bluetooth low energy (BLE 4.0) for iOS and Bluetooth 3.0 for Android and Windows • Backlit LCD Display • Convenient USB Port for Charging • 3-Track Magnetic Stripe Reader Optional 	<ul style="list-style-type: none"> • 2 Inch Portable Printer • Compact and Lightweight Design • Bluetooth 2.1 + EDR/USB 2.0 Full Speed • Barcode/Graphics Printing Supported • High Speed Printing: 80mm/sec • Available with WebPRNT Browser Application • Magnetic Stripe Reader Optional 	<ul style="list-style-type: none"> • 3 Inch Durable Portable Printer • Long Battery Life (11hr @ 5min printing intervals) • Dust Protected, Splash Proof (IP54 Certified) • Wireless LAN • LCD Display • Supported by WebPRNT Browser Application • Apple MFI Certified Bluetooth Connectivity • Magnetic Stripe Reader Optional 	<ul style="list-style-type: none"> • 4 Inch Durable Portable Printer • Dust Protected, Splash Proof (IP54 Certified) • Long Battery Life (20hr @ 5min printing intervals) • Backlit LCD Display • Magnetic Stripe Reader Optional • Supported by WebPRNT Browser Application • Apple MFI Certified-Bluetooth Connectivity
JOURNAL								
LABELS								
MOBILE							 IP54 Certified	 IP54 Certified
POS								
SLIP								
TICKETS								
FEATURES								
PRINTER SPEED	150mm/sec.	200mm/sec.	200mm/sec.	150mm/sec.	35mm/sec.	80mm/sec.	75mm/sec.	80mm/sec.
AUTOCUTTER	TUP992: Full Guillotine Cut + Present TUP942: Full Guillotine Cut	Full / Partial Guillotine Cut (command selectable)	Full / Partial Guillotine Cut (command selectable)	Full / Partial Guillotine Cut (command selectable)	Tear Bar	Tear Bar	Tear Bar	Tear Bar
PAPER WIDTH	80 ~ 112mm Adjustable	58mm / 60mm	58mm / 60mm / 80mm 83mm	80mm / 83mm / 112mm	58mm	58mm	80mm	112mm
THICKNESS	0.060 ~ 0.15mm	0.060 ~ 0.15mm	0.060 ~ 0.15mm	0.060 ~ 0.15mm	0.053 ~ 0.065mm	0.065 ~ 0.070mm	0.060 ~ 0.070mm	0.115 ~ 0.130mm
PRINT WIDTH	72mm ~ 104mm	54mm ~ 56mm	54mm ~ 80mm	72mm ~ 104mm	48mm	48mm	72mm	108mm
INTERFACE	Serial, Parallel, USB	Dual Serial (RS232C) & USB (V2.0 FULL SPEED)	Dual Serial (RS232C) & USB (V2.0 FULL SPEED)	Dual Serial (RS232C) & USB (V2.0 FULL SPEED)	Bluetooth 3.0, BLE (4.0)	Bluetooth Ver 2.1 + EDR Class 2 (10m), USB 2.0 Full Speed	Serial, Bluetooth SPP & iAP (iOS Standard), Wireless LAN	Serial, Bluetooth SPP & iAP (iOS Standard)
POWER SUPPLY	External, PS60 (Optional)	External, PS60 & CB-SK1-D3 (Optional)	External, PS60 & CB-SK1-D3 (Optional)	External, PS60 & CB-SK1-D3 (Optional)	1700mAh Lithium Ion Rechargeable Battery Charger Included	1100mAh Lithium Ion Rechargeable Battery Charger Included	1800mAh Lithium Ion Rechargeable Battery Charger Included	2200mAh Lithium Ion Rechargeable Battery Charger Included
RELIABILITY	37 Million Lines	200 Million Pulses 1.5 Million Cuts	200 Million Pulses 1.5 Million Cuts	200 Million Pulses 1.5 Million Cuts	37 Million Lines	37 Million Lines	37 Million Lines	37 Million Lines
DIMENSIONS (w x h x d)mm	192 x 249.3 x 179	SK1-21: 104 x 145.5 x 85.4 SK1-22: 104 x 140.3 x 69.7 SK1-24: 99 x 118 x 123	SK1-31: 127 x 145.5 x 85.4 SK1-32: 128 x 174.5 x 74.2	SK1-41: 160.9 x 159.3 x 88.1	83 x 44 x 122.5	80 x 44 x 114	120 x 58 x 130	151 x 136 x 63
TYPICAL APPLICATIONS	Lottery & Gaming, Self-Service, Ticketing	Gas Station Pump, Lottery & Gaming, Self-Service, Ticketing	Banking & Credit Union, Lottery & Gaming, Self-Service, Ticketing	Lottery & Gaming, Self-Service, Ticketing	Field / Food Service & Delivery / Retail	Field / Food Service & Delivery / Retail	Field / Food Service & Delivery, Labels / Warehouse, Retail	Field / Food Service & Delivery, Labels / Warehouse, Law Enforcement, Retail

	SMD2-1214/1317/1617	CD3-1313/1616
 www.starmicronics.com		
PRODUCT TYPE	SMD2 MOBILITY CASH DRAWERS	CD3 TRADITIONAL CASH DRAWERS
SPECIAL FEATURES	<ul style="list-style-type: none"> • Multiple sizes for multiple environments: 12x14, 13x17 or 16x17 • Quality All Steel construction • Printer driven connection (printer cable included) • Kensington lock for added security • DK-Aircash ready (available for W-LAN, LAN or Bluetooth communication) • Media slot for Check (available on 1214 and 1617) 	<ul style="list-style-type: none"> • Multiple sizes for multiple environments: 13x13 or 16x16 • Cost effective standard cash drawer • Durable steel construction and black coated finish • Printer driven connection with bottom exit cable (cable included) • Key lock at front center for manual release • Dual media slots • Not branded
CASH VOLUME	Low to High	Standard to High
WEIGHT	13.2 lbs, 15.4 lbs and 17.6 lbs	9.9 lbs and 16.7 lbs
SIZE	Compact (12x14), Standard (13x17) and Large (16x17)	Standard (13x13) and Large (16x16)
DK-AIRCASH		
COLORS	Black or White	Black
FEATURES		
DIMENSIONS (W x L x H)	11.8" x 13.8" x 4.5" 13.0" x 16.9" x 4.1" 15.9" x 16.7" x 4.4"	12.99" x 13.2" x 4.1" 16.1" x 16.4" x 4.4"
DRAWER	1 Media Slot, Long 2 Media Slots, Short	2 Media Slots, Short
CASH TILL	Removable ABS Cash Till; 5 Bill / 4 Coin or 5 Bill / 5 Coin	3 Bill / 5 Coin; 4 Bill / 5 Coin 4 Bill / 8 Coin; 5 Bill / 8 Coin
SECURITY	Kensington Lock Compatible Keys (2)	Emergency release lever is located underneath the cash drawer
CONNECTIVITY	Standard Printer Driven Cable Included	Standard Printer Driven Cable Included
DK-AIRCASH CONNECTIVITY	Ethernet or Bluetooth SPP & iAP (iOS Standard)	
OPTIONS	<ul style="list-style-type: none"> • Under-Counter Mounting Brackets • DK-AirCash with Power Supply • Locking Till Cover • Tills • Spare Key 	<ul style="list-style-type: none"> • Under-Counting Mounting Brackets • Spare Keys
TYPICAL APPLICATIONS	Banking & Credit Union, Food Service, Lodging, Retail	Banking & Credit Union, Food Service, Lodging, Retail

DK-AirCash

Star's DK-AirCash enables secure wireless control of your cash drawer from any tablet device and mobile printer. Available in Ethernet, WLAN Bluetooth and MFi Bluetooth models, the DK-AirCash is a cost effective solution to upgrade your cash drawer's compatibility for mPOS.



Used with the SMD2 mobility cash drawer, the DK-Aircash can be integrated inside the cash drawer making it invisible to retailers and customers.

Used with the CD3 or other cash drawer, the DK-Aircash will be mounted either on the back or the side of the cash drawer.



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