SATO

SA-Series

High Performance, Compact, Easy-to-Use

Drive efficiency in your labeling and tagging processes by leveraging on our compact desktop printer series that delivers superior performance at a highly competitive cost

Industry

- Retail
- Transportation & Logistics
- Manufacturing
- Wholesale
- Healthcare
- Hospitality

Applications

Clothing Tag

Retail Tag

Shelf Labeling

Patient Tracking

Inventory Labeling

Postal & Mailing

Shipping & Receiving

Document Labeling

Parts Marking

Offering the print performance of industrial printers and the convenience of compact printers, **SA-Series** is ideal for you to enhance the efficiency of your labeling and tagging processes.

Features

Compact in size and high ribbon capacity
SA-Series saves space and allows for up to 300 meter ribbon capacity – which means lesser roll changes!

Flexible and versatile printer
Multiple communication interfaces and media sensor system delivers greater flexibility for diverse media and applications.

High performance and precise printing
Head-open switch initiates auto-calibration for more precise printing.

Easy to load, use and maintain
Ribbons and media are easy to load; printer's modular design allows easy maintenance.

www.satoasiapacific.com

GENERAL SPECIFICATIONS

PRINTER MODEL	SA408	SA412	SA412E
Printing Method	Direct Thermal / Thermal Transfer		
Printing Resolution	203dpi (8 dots/mm)	300dpi (12 dots/mm)	
Printing Speed	2~4ips (50.8~101.6mm/s)	1~4ips (25.4~101.6mm/s)	
Printing Length	Max 100" (2,540mm) / Min 0.2" (5mm)	Max 50" (1,270mm) / Min 0.2" (5mm)	
Printing Width	Max 4.1" (104mm)		
Programming Language	SZPL, SEPL, SDPL	SEPL/SDPL (Option: SZPL)	

HARDWARE SPECIFICATIONS

	SA408	SA412	SA412E
CPU	32 bit RISC microprocessor		
Memory	8MB DRAM (5MB user available) 4MB Flash ROM (2MB user available)	8MB DRAM (5MB user available) 8MB Flash ROM (6MB user available)	
Communication Interface	Parallel, USB, RS-232 (Baud rate: Max. 115200bps)		LAN, USB, RS-232 (Baud rate: Max. 115200bps)
Dimensions	273mm (L) x 225mm (W) x 185mm (H)		
Weight	2.1kg		
Electrical Requirements	Universal Switching Power Supply AC Input: 100~240V, 1.8A, 50~60Hz DC Output: 24V, 2.4A	Universal Switching Power Supply AC Input: 100~240V, 1.5A, 50~60Hz DC Output: 24V, 2.91A	
Environment Requirements	Operation Temperature: 40°F~100°F (4°C~38°C), 10%~90% non-condensing Storage Temperature: -4°F~122°F (-20°C~50°C)		

CONSUMABLES SPECIFICATIONS

Media Type	Roll-feed, die-cut, continuous, fan-fold, tags, ticket in thermal paper or plain paper and fabric label
Media	Max Width: 4.3" (110mm) Min Width: 1" (25.4mm) Thickness: 0.0025"~0.01" (0.0635 ~ 0.254mm) Max roll capacity (OD): 5" (127mm) / Core size: 1" (25.4mm) Max roll capacity (OD): 4.5" (114.3mm) / Core size: 0.5" (12.7mm) (optional) Max roll capacity (OD): 4.72" (120mm) / Core size: 1.5" (38.1mm) (optional)
Ribbon	Ribbon roll – max OD: 2.6" (67mm) Ribbon Length: max 300m / Core size – ID: 1" (25.4mm) Ribbon Width: 1"~4" Wax, Wax/Resin, Resin (Ribbon wound ink-side out or ink-side in available)
Sensors	Media gap & I-Mark sensor x 1 (movable) & Transmissive sensor x 1 (Centre fixed) / Head open switch / Ribbon end sensor

FONTS/BARCODE SPECIFICATIONS

Fonts	Internal character sets standard / 5 alpha-numeric fonts from 0.049"H~0.23"H (1.25mm~6.0mm) Internal fonts are expandable up to 24x24 / 4 direction 0°~270° rotation / Soft fonts are downloadable
1D Barcodes	Code 39, UPC-A, UPC-E, Postnet, Code 128 subset A/B/C, Interleaved 2 of 5, Interleaved 2 of 5 with check sum, Interleaved 2 of 5 with human readable check digit, Code 93, Code 39 with check sum digit, MSI, EAN-8, Codabar, Code 11, EAN-13, Plessey, GS1 Data bar (RSS), Industrial 2 of 5, Standard 2 of 5, Logmars
2D Barcodes	MaxiCode, PDF417, Data Matrix (ECC 200 only), QR code, Composite codes, Aztec Barcode, Micro PDF417

ACCESSORIES & OPTIONS

Optional Items	Cutter, Stacker, RTC Card

For more information about SATO in the region, visit www.satoasiapacific.com
or simply scan the QR code below: