AI-SP Single Tag Printer

Main Features

- Simple input system and modular design make management with ease.
- Strong and durable structure to adapt to different working environment.
- Unique horizontal and vertical material adjustment, adapt to different tag specifications.
- High speed and stable printing performance, effectively reduce the labor cost.
- High resolution, precise and convenient adjustment, simple, safe and easy to operate.
- Comes with free design and print software, accessible to Excel and CSV data file.

Easy Maintenance

Open structural design, simple and easy to replace the material. The open print head structure helps user to clean and repair conveniently.

Fast and High Quality

The flat head type - both direct thermal and thermal transfer printing, 300dpi high resolution and unique IC control enable high speed, high quality and durable printing.

Long Printer Head Life

Printing position can be adjusted left and right along 104mm, fully utilize the entire width, greatly improve the running life of printer head.

Suitable for Printing Products

- Tag (Clothing tag, Accessory tag)
- Ticket (Train ticket, Air ticket, Entrance ticket)
- Card (Work card, Equipment identification card)

Specifications:

Resolution	12 dots/mm (300dpi)
Printing Method	Thermal transfer and direct thermal
Max. Print Speed	100 mm (4″)/seconds
Max. Print Width	104 mm (4.09″)
Max. Print Length	2000 mm (78″)
Tag Width	Max(104 mm) , Min(30 mm)
Tag Length	50 mm - 2000 mm
Tag Thickness	150g - 500g
Enclosure	Metal shell, open design
Machine Size	350 mm (L) x 260 mm (W) x 400 mm (H)
Machine Weight	15kg (33lb)
Packing Size	420 mm (L) x 300 mm (W) x 440 mm (H)
Packing Weight	16 kg (35 lb)
Ribbon Specifications	Outside (Max): 2.75″(70 mm), Inside: 1″(25.4 mm) or 0.5″(12.7 mm), Max width: 4.3″(110 mm), Max length: 300m Outside ribbon automatic induction
Ribbon Type	Wax, Mixed, Resin
Ribbon Balance System	Ribbon automatic tension adjustment
Memory	2 MB Flash ROM, 8 MB SDRAM
Interface	RS-232, USB, Ethernet port (optional)
Power	110V~220V AV Automatic adaptation, 24 VDC, 2.5 A
Operation Button	Three buttons
Sensors	Auto operation reflective, transmissive (optional)
Barcode	1D Barcode: Code 39, Code 93, Code 128, Codabar, EAN-8/13/128, Interleave 2 of 5, UCC-128, UPC A/E 2 and 5 add-on etc. 2D Barcode: Data Matrix, MaxiCode, PDF417, QR Code etc.
Patent	2 PH-PGTM,TAG-DMTM
Accessories	Printing software, USB cable, Power cord, Windows driver and operation manual
Environment Condition	Operation: 0° C ~ 40° C (32° F ~ +104° F) Relative humidity: 5% ~ 85% non-condensing
Storage Condition	Temperature: -40° C ~ 60° C (-40° F ~ +140° F)