

Low cost, high quality thermal receipt printers with everything you need included in the box.

- Sophisticated, high performance thermal receipt printer with tear bar or autocutter (guillotine)
- The most “complete” POS printer available today with all accessories included with the printer:
  - ★ USB, PoweredUSB or Ethernet interface cable
  - ★ Internal power supply with 1.8m power cord
  - ★ Start-Up CD-ROM with drivers for majority of operating platforms including Java-POS™, OPOS™, Apple MAC™ and Windows™ with Microsoft certification (WHQL)
  - ★ Wall mount and vertical operation kits with automatic receipt reversal software for user comfort
  - ★ Power switch cover
  - ★ 58mm paper guide
  - ★ Value-Added Software for Retailers:
    - ★ Receipt Re-design Tool including font replacement (early 2006), cropping and logo / picture placement tools
    - ★ Coupon Marketing Tool
    - ★ Unlimited Image Import Tool
    - ★ Electronic Journal facility
    - ★ Automatic 2nd Copy feature for security or administration purposes

*All available to work alongside your original POS software*

  - ★ Value-Added Software for OEMs, System Builders, Software Developers:
    - ★ Free Customer Software Tools
    - ★ Dedicated Software Developers Kit (SDK)
    - ★ Selectable Pre-view Tool
- Full Speed USB interface with selectable serial port emulation
- Space saving vertical or horizontal operation from the box
- New Star “Intuitive” Compatibility for Microsoft applications, including JavaPOS™ & OPOS™
- All printer features available from the printer’s properties page in Windows™



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## TSP100 SERIES SPECIFICATIONS



Printer Method	Direct Thermal Line Printing
Receipt Per Minute Throughput Speed	See page 2
Printer Case Colour	Star white or Charcoal grey. Other colours available for large volume orders
Print Resolution	203 dpi (8 dots per mm)
2 Colour Print Capability	Red / Black, Blue / Black, Green / Black (special paper required)
Number of Columns	48 / 64 or 53 / 71 dependant on print width
Character Set	ANK 95, 32 Int 128 Graphic plus Chinese, Japanese, Korean, Taiwanese
International Code Pages	Star Mode = 40. ESC/POS™ = 10 + 1 blank allowing an additional character page to be added
Barcodes	Extended barcode functionality – 9 versions / PDF417 & Maxicode (pending)
Line Spacing	3mm or 4mm + programmable
Paper Specifications:	
Width	80mm Standard, 58 mm with guide fitted
Thickness/Weight	0.065mm ~ 0.085mm / 65 ~ 85gsm
Roll Diameter	up to 83mm
Easy-Load	“Drop-In & Print”
Paper Out Sensor	Standard
Maximum Print Width	80mm paper = 72mm, 58mm paper = 50.8mm
Top Margin	11 mm
Autocutter	Guillotine (Partial Cut Only)
Logo Store Capacity	Unlimited
Drivers Available	Windows™, Mac OSX (10.2 or later), Linux CUPS Support™, OPOS™, JavaPOS™, POS for .NET
Interface / Port	USB 2.0, Full Speed, or PoweredUSB Full Speed or Ethernet; Virtual Serial Port for Legacy Applications
Emulation	Star Mode, ESC/POS™ (December 2005)
Peripheral Drive Circuit	2 circuits (24V max.1A) 1 Compulsion input
Power Consumption	Average 1.6 Amp. Printing, 0.1 Amp. Standby.
Power Supply	Internal with power cable supplied
Operating Conditions:	
Temperature	5°C to 45° C
Humidity	10% to 90% RH (Without Condensation)
Storage Conditions:	
Temperature	-20°C to 60°C
Humidity	10% to 90% RH (Without Condensation)
Dimensions	142mm (W) x 204mm (D) x 132mm (H)
Weight:	
Auto Cutter Model	1.73Kg
Tear Bar Model	1.56Kg
Safety Standards	UL, C-UL, TÜV, FCC, VCCI, EN55022, CE, CB
Reliability:	
MCBF	60 Million Lines
Print head	100km
Cutter (Guillotine)	1 Million Cuts
Accessories / Options	No options available as ALL accessories included with printer.
ALL included with Printer	Wall Mount Bracket, Auto-Reverse Text Output Software, Vertical Mount Accessory, 58mm Paper Guide, 1.8m Interface Cable, 1.8m Power Cable, Power Switch Cover, Installation CD and Value-Added Software

All specifications are subject to change without notice.

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