2” DIRECT THERMAL LABEL PRINTER OFFERS BIG FEATURES FOR SMALL AREAS

TSC
Connecting Your Thermal Printing Needs.™



TDP-225
DESKTOP DIRECT THERMAL BAR CODE PRINTER

Built with typical TSC durability, reliability and commitment to innovation, the 2” TDP-225 direct thermal printer brings big ideas to a small package and delivers ideal performance for retail and other labeling applications.

The TDP-225 printer is the first low cost compact 2” desktop printer to offer an optional LCD display to its customers. The LCD is used to present important information about print job status which brings a new level of ease of use to its customers. Other outstanding features include an inexpensive internal Ethernet adapter for easy integration into network systems, and an optional keyboard for printing labels in stand-alone or down-time situations.

Designed with no losable parts, the printer fits into areas other printers cannot and integrates easily into a wide range of applications. The TDP-225 features a user-friendly clamshell design with a large 5” OD center biased media capacity and a fast 5 inches per second print speed. Simply open the cover and drop your labels into the printers spring loaded media guide. Top of form sensing by gap, black mark, or notch is standard and black mark sensor is completely adjustable from side to side.

With enhanced electronics, the TDP-225 offers a 200 MHz processor, standard memory of 4 MB FLASH, 8 MB SDRAM and a slot for a MicroSD memory expansion that increases FLASH storage up to 4 GB. The printer supports standard industry emulations right out of the box including Eltron® and Zebra® language support.

Key Printer Features

- High quality double-walled clamshell design
- Direct thermal print technology
- Easy media loading
- Head-up sensor
- Serial and USB 2.0 connectivity standard
- Optional internal Ethernet and USB 2.0 connectivity
- Optional front LCD display
- Optional stand-alone keyboard

Markets for the TDP-225

- Retail Point-of-Sale
- Shelf labeling
- Product marking
- Healthcare specimen labeling
- Healthcare patient tracking
- Inventory and asset management
- Small office or home office mailing
- Shipping
- File folder labeling



Value . Performance . Support

TDP-225

DESKTOP DIRECT THERMAL BAR CODE PRINTER

Specifications

Printer	TDP-225
Resolution	203 DPI
Printing method	Direct Thermal
Print speed	2, 3, 4, 5 ips 2, 3 ips selectable with peel function
Max. print width	54 mm (2.13")
Max. print length	2,286 mm (90")
Enclosure	Clamshell design with wall mount hole at the bottom cover
Physical dimension	209 mm (L) x 109 mm (W) x 171 mm (H) 8.23" (L) x 4.29" (W) x 6.73" (H)
Label roll capacity	5" OD, 1" core
Processor	32-bit RISC high performance processor
Memory	● 4MB Flash memory ● 8MB SDRAM ● MicroSD card slot for memory expansion, up to 4 GB
Interface	● RS-232 (max. 115,200 bps) & USB 2.0 (full speed mode) ● Internal Ethernet, 10/100 Mbps & USB 2.0 (dealer option) ● 128 x 64 pixels graphic type LCD display with back light (factory option)
Power	External universal switching power supply ● Input: AC 100-240V ● Output: DC 24V 2A
Operation switch, button, LED	One power switch, one feed button & one LED (3 colors)
Sensors	● Gap transmissive sensor (offset 4 mm from center) ● Black mark reflective sensor (position adjustable) ● Head open sensor
Real time clock	Standard
Internal fonts	● 8 alpha-numeric bitmap fonts ● One Monotype Image® CG Triumvirate Bold Condensed scalable font
Bar code	1D bar code Code 39, Code 93, Code 128UCC, Code 128 subsets A, B, C, Codabar, Interleave 2 of 5, EAN-8, EAN-13, EAN-128, UPC-A, UPC-E, EAN and UPC 2 (5) digits add-on, MSI, PLESSEY, POSTNET, China POST, RSS-14, Code 11 2D bar code PDF-417, Maxicode, DataMatrix, QR code, Aztec
Font & bar code rotation	0, 90, 180, 270 degrees
Printer language	TSPL-EZ™
Media type	Continuous, die-cut, black mark, fan-fold, notch, wristband
Media wound type	Outside wound
Media width	15~60 mm (0.59"~2.36")
Media thickness	0.06~0.19 mm (2.37~7.4 mil), max. 150 g/㎡
Media core diameter	25.4~38 mm (1"~1.5")
Label length	10~2,286 mm (0.39"~90") Peeler mode: 25.4~152.4 mm(1"~6") Cutter mode: 25.4~2,286 mm(1"~90")
Environment condition	Operation: 5~40°C (41~104°F), 25~85% non-condensing Storage: -40~60°C (-40~140°F), 10~90% non-condensing
Safety regulation	FCC Class B, CE Class B, C-Tick Class B, UL, CUL, TÜV/Safety, CCC
Accessories	● Windows labeling software CD disk ● Quick start guide ● USB port cable ● External universal switching power supply ● Power cord
Limited warranty	● Printer: 2 years ● Print head: 1 million inches (25 km) or 12 months which comes first ● Platen: 50 km
Factory options	128 x 64 pixels graphic type LCD display with back light
Dealer options	● Internal Ethernet interface (10/100 Mbps) ● Peel off module assembly ● Guillotine cutter Full cut: Paper thickness: 0.06~0.19 mm, 200,000 cuts Partial cut: Paper thickness: 0.06~0.12 mm, 500,000 cuts Paper thickness: 0.19 mm, 200,000 cuts
User options	● KP-200 Plus keyboard display unit ● KU-007 Plus programmable smart keyboard ● HCS-200 long range CCD scanner ● Bluetooth module (serial interface)

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PARLANDO
de Boelakkers 27A
5591 RA Heeze
T: +31(0)40 - 226 43 91
F: +31(0)40 - 226 44 24
www.parlando.nl

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