# 2" DIRECT THERMAL LABEL PRINTER OFFERS BIG FEATURES FOR SMALL AREAS





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 standalone 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 front LCD display
- Optional internal Ethernet
- 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

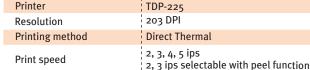


Value · Performance · Support

# **DP-225**

## **DESKTOP DIRECT THERMAL BAR CODE PRINTER**

### **SPECIFICATIONS**



Max. print width 54 mm (2.13") Max. print length 2.286 mm (90")

Clamshell design with wall mount hole at the bottom cover **Enclosure** 

209 mm (L) x 109 mm (W) x 171 mm (H) Physical dimension 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

• 4MB Flash memory 8MB SDRAM Memory

MicroSD card slot for memory expansion, up to 4 GB

RS-232 (max. 115,200 bps) USB 2.0 (full speed mode)

Interface • Internal Ethernet, 10/100 Mbps (dealer option)

• 128 x 64 pixels graphic type LCD display with back light (factory option)

External universal switching power supply Power

Input: AC 100-240V Output: DC 24V 2A

Operation switch, button, LED One power switch, one feed button & one LED (3 colors)

 Gap transmissive sensor (offset 4 mm from center) Black mark reflective sensor (position adjustable) Sensors

Head open sensor

Real time clock

Bar code

Accessories

User options

 8 alpha-numeric bitmap fonts Internal fonts

• One Monotype Image® CG Triumvirate Bold Condensed scalable font

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

0, 90, 180, 270 degrees Font & bar code rotation 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 o.o6~o.19 mm (2.37~7.4 mil), max. 150 g/m2

Media core diameter 25.4~38 mm (1"~1.5")

10~2,286 mm (0.39"~90") Label length

Peeler mode: 25.4~152.4 mm(1"~6") Cutter mode: 25.4~2,286 mm(1"~90")

Operation:  $5\sim40^{\circ}$ C ( $41\sim104^{\circ}$ F),  $25\sim85\%$  non-condensing Storage:  $-40\sim60^{\circ}$ C ( $-40\sim140^{\circ}$ F),  $10\sim90\%$  non-condensing **Environment condition** 

FCC Class B, CE Class B, C-Tick Class B, UL, CUL, TÜV/Safety, CCC Safety regulation

Windows labeling software CD disk

 Quick start guide USB port cable

External universal switching power supply

Power cord

Printer: 2 years Limited warranty

Print head: 1 million inches (25 km) or 12 months which comes first since delivery from TSC

Platen: 50 km

**Factory options** 128 x 64 pixels graphic type LCD display with back light

> Internal Ethernet interface (10/100 Mbps) Peel off module assembly

 Guillotine cutter Dealer options

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

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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