



# TSC

The Smarter Choice.

## TDP-247



- › Easy media loading
- › High quality double-walled clamshell design
- › 203 dpi resolution model
- › Direct thermal print technology
- › Head-up sensor

The TDP-247 series direct thermal label printer offers best-in-class speed and high-resolution capabilities, along with a rugged, reliable design that has become the hallmark of the TSC printer family. With its compact design, the TDP-247 is ideally suited for a variety of applications, fitting easily into cramped work spaces that are often too small for larger printers.



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### PRINTER SPECIFICATIONS

<b>Resolution</b>	8 dots/mm (203 DPI)
<b>Printing method</b>	Direct Thermal
<b>Max. print speed</b>	178 mm (7")/second
<b>Max. print width</b>	108 mm (4.25")
<b>Max. print length</b>	2,286 mm (90")
<b>Enclosure</b>	Double-walled plastic
<b>Physical dimension</b>	200 mm (W) x 164 mm (H) x 240 mm (D) 7.87" (W) x 6.46" (H) x 9.45" (D)
<b>Weight</b>	1.9 kg (4.19 lbs)
<b>Label roll capacity</b>	127 mm (5") OD
<b>Processor</b>	32-bit RISC CPU
<b>Memory</b>	4 MB Flash memory, 8 MB SDRAM, SD card reader for Flash memory expansion, up to 4 GB
<b>Interface</b>	USB 2.0, RS-232, Centronics • Internal Ethernet, 10/100 Mbps (factory option) Bluetooth (user option) • External 802.11 b/g/n wireless (user option)
<b>Power</b>	External universal switching power supply, Input: AC 100-240V, 2.5A, 50-60Hz • Output: DC 24V, 3.75A, 90W
<b>Operation switch, button, LED</b>	1 power switch, 1 feed button & 1 LED (3 colors: green, amber & red)
<b>Sensors</b>	Transmissive gap sensor • Black mark reflective sensor (position adjustable) Head open sensor
<b>Internal fonts</b>	8 alpha-numeric bitmap fonts • Monotype Image®, true type font engine with one CG Triumvirate Bold Condensed scalable font
<b>Bar code</b>	1D bar code, Code 39, Code 93, Code 128UCC, Code 128 subset 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, RSS-Stacked, GS1 DataBar, Code 11 China Post 2D bar code, PDF-417, Maxicode, DataMatrix, QR Code, Aztec
<b>Font and barcode rotation</b>	0, 90, 180, 270 degree
<b>Printer language</b>	TSPL-EZ™
<b>Media type</b>	Continuous, die-cut, black mark, fan-fold, notched (outside wound)
<b>Media width</b>	20 ~ 112 mm (0.78" ~ 4.4")
<b>Media thickness</b>	0.06 ~ 0.19 mm (2.36 ~ 7.48 mil)
<b>Media core diameter</b>	25.4 ~ 76.2 mm (1" ~ 3")
<b>Label length</b>	10 ~ 2,286 mm (0.4" ~ 90")
<b>Environment condition</b>	Operation: 5 ~ 40°C, 25 ~ 85% non-condensing Storage: -40 ~ 60°C, 10 ~ 90% non-condensing
<b>Safety regulation</b>	FCC Class B, CE Class B, C-Tick Class B, UL, CUL, TÜV/Safety, CCC, ENERGY STAR®
<b>Environmental concern</b>	Comply with RoHS, WEEE
<b>Accessories</b>	Windows labeling software CD disk • Quick start guide, USB cable, Power cord, External universal switching power supply, Label spindle, fixing tab x 2, 1.5" core adapter x 2
<b>Limited warranty</b>	Printer: 2 years • Print head: 25 km (1 million inches) or 12 months which comes first • Platen: 50 km (2 million inches) or 12 months which comes first
<b>Factory options</b>	Internal Ethernet interface (10/100 Mbps) • Real time clock
<b>Dealer options</b>	Peel-off module • Guillotine cutter (full cut or partial cut)
<b>User options</b>	Bluetooth module (serial interface) • 802.11 b/g/n wireless module (serial interface) • External roll mount, media OD. 214 mm (8.4") on a 1" or 3" core • 3" core label spindle • KP-200 Plus keyboard display unit, KU-007 Plus programmable smart keyboard

The TDP-247 is ideally suited for product marking, shipping, retail and other labelling applications. The TDP-247 can print four-inch-wide 203 dpi labels at speeds up to 7 inches per second. The model comes standard with USB, parallel and serial connections. Other options include an internal Ethernet interface for easy network integration, label cutters, and a keyboard for printing labels in stand-alone or down-time situations.

Because of their compact design, the TDP-247 printer is ideally suited for a variety of applications, fitting easily into cramped work spaces that are often too small for larger printers. It features a user-friendly clamshell design that allows users to simply open the cover and drop labels into a centre-biased storage bay. Top-of-form sensing by gap, black mark, or notch is standard and completely adjustable from side to side.

The TDP-247 is equipped with a powerful 200 MHz processor, 4 MB of Flash memory, 8 MB SDRAM and an SD memory - expansion slot that increases Flash storage up to 4 GB. The model supports standard industry emulations right out of the box, including Eltron® and Zebra® printer languages.

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