



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

Resolution	8 dots/mm (203 DPI)
Printing method	Direct Thermal
Max. print speed	178 mm (7")/second
Max. print width	108 mm (4.25")
Max. print length	2,286 mm (90")
Enclosure	Double-walled plastic
Physical dimension	200 mm (W) x 164 mm (H) x 240 mm (D) 7.87" (W) x 6.46" (H) x 9.45" (D)
Weight	1.9 kg (4.19 lbs)
Label roll capacity	127 mm (5") OD
Processor	32-bit RISC CPU
Memory	4 MB Flash memory, 8 MB SDRAM, SD card reader for Flash memory expansion, up to 4 GB
Interface	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)
Power	External universal switching power supply, Input: AC 100-240V, 2.5A, 50-60Hz • Output: DC 24V, 3.75A, 90W
Operation switch, button, LED	1 power switch, 1 feed button & 1 LED (3 colors: green, amber & red)
Sensors	Transmissive gap sensor • Black mark reflective sensor (position adjustable) Head open sensor
Internal fonts	8 alpha-numeric bitmap fonts • Monotype Image®, true type font engine with one CG Triumvirate Bold Condensed scalable font
Bar code	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
Font and barcode rotation	0, 90, 180, 270 degree
Printer language	TSPL-EZ™
Media type	Continuous, die-cut, black mark, fan-fold, notched (outside wound)
Media width	20 ~ 112 mm (0.78" ~ 4.4")
Media thickness	0.06 ~ 0.19 mm (2.36 ~ 7.48 mil)
Media core diameter	25.4 ~ 76.2 mm (1" ~ 3")
Label length	10 ~ 2,286 mm (0.4" ~ 90")
Environment condition	Operation: 5 ~ 40°C, 25 ~ 85% non-condensing Storage: -40 ~ 60°C, 10 ~ 90% non-condensing
Safety regulation	FCC Class B, CE Class B, C-Tick Class B, UL, CUL, TÜV/Safety, CCC, ENERGY STAR®
Environmental concern	Comply with RoHS, WEEE
Accessories	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
Limited warranty	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
Factory options	Internal Ethernet interface (10/100 Mbps) • Real time clock
Dealer options	Peel-off module • Guillotine cutter (full cut or partial cut)
User options	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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