

TD-4T Series (Thermal Transfer)

4" Professional Label Printer Solution



Top Features:

Thermal Transfer

- Thermal transfer media is used for various vertical applications
- Wax, Wax/Resin & Resin ribbon types supported
- Maximum ribbon length: 300m

Fast Print Speeds

- Maximum 6ips (152mm/sec): TD-4420TN
- Maximum 5ips (127mm/sec): TD-4520TN
- Maximum print length up to 25400mm (TD-4420TN) or 11430mm (TD-4520TN)

Compatible with Windows[®], Mac[®] and Linux

- Print from Windows PC's, Mac, and Linux through the USB interface, and LAN

Printer Command Language

- Supporting ZPL, EPL, and DPL emulation

Additional Software

- Seagull BarTender driver and UltraLite Edition
- SAP integration supported

Connectivity

- USB, USB Host and Serial
- Wired LAN

Professional Label Printer Datasheet

TD-4420TN/TD-4520TN



General

Carton contents	AC adaptor USB cable Documentation 2 x 1" ribbon spindles for 300m ribbon 1" ribbon paper core
Language support	Dansk, Deutsch, English, Español, Français, Italian, Nederlands, Norsk, Português, Suomi, Svenska

Dimensions & Weights

Without carton	204(w) x 280(d) x 178(h) 2.5Kg
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Built In Features

Printing Method	Direct Thermal / Thermal Transfer
Print Resolution	TD-4420TN: 203dpi TD-4520TN: 300dpi
Print Speed	TD-4420TN: 152mm/sec TD-4520TN: 127mm/sec
Print Width	TD-4420TN: 108mm TD-4520TN: 105mm
Minimum print length	Continuous: 5mm, Peeler: 25.4mm, Cutter: 25.4mm, Tear: 50mm
Maximum print length	TD-4420TN: 25400mm TD-4520TN: 11430mm (Peeler mode: 152.4mm)
Minimum media width	20mm
Maximum media width	112mm
Maximum roll diameter	127mm
Minimum roll core diameter	25.4mm
Minimum ribbon width	40mm
Maximum ribbon width	110mm

Suggested paper core width	0.5" paper core: fixed width 110mm, width 2 notches in each side 1" paper core: fixed width 110mm with 2 notches in each side 1" paper core: paper core width is the same as ribbon width and use with ribbon spindles
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Inner paper core & ribbon length	0.5" paper core: Max. OD 40 mm, 110M long 1" paper core: Max. OD 67 mm, 300M long
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Interfaces	USB Ver.2.0 (Full Speed) (Type B) USB Host Serial RS232C (DB9 female) Wired LAN 10/100BASE-TX
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Printer commands	FBPL-EZD (EPL,ZPL,ZPL2,DPL)
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Internal fonts & sizes	8 alpha-numeric bitmap fonts for FBPL Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font
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Memory	RAM: 64MB SDRAM Flash: 128MB NAND-FLASH
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Internal Barcode

Linear: Code128UCC, Code128 subsets A, B, C, EAN128, Interleaved 2 of 5, Interleaved 2 of 5 with check digit, Code39, Code39 with check digit, Code93, EAN13, EAN8, UPCA, UPCE, EAN and UPC 2 (5) digits add-on, Codabar, Postnet, MSI, MSI with check digit, PLESSEY, China post, ITF14, Code11, TELEPEN, TELEPENN, PLANET, Code49, Deutsche Post Identcode, Deutsche Post Leitcode, LOGMARS

2-dimensional: GS1 DataBar, GS1 DataMatrix, Maxicode, AZTEC, PDF417, QR Code, Micro PDF 417

Operating system support

Microsoft® Windows® 7 / Windows® 8 / Windows® 8.1 / Windows® 10
Microsoft® Windows® Server 2008 / Server 2008R2 / Server 2012 / Server 2012R2 / Server 2016

OS X 10.10.x, 10.11.x
macOS 10.12.x, 10.13.x, 10.14.x

Ubuntu V11.04-16.04 / Fedora 24 / SUSE Linux Enterprise Server 12 / CentOS Linux 7.2 / Red Hat Enterprise 7.3

Windows SDK

Microsoft® Windows® 7 / Windows® 8 / Windows® 8.1 / Windows® 10
Microsoft® Windows® Server 2008 / Server 2008R2 / Server 2012 / Server 2012R2 / Server 2016

Software

BarTender Ultra Lite Edition – Barcode label design software
Brother Printer Management Tool – Software to centrally manage devices for updating settings, firmware and other configurations. (Microsoft® Windows® 7 / Windows® 8 / Windows® 8.1 / Windows® 10 only)

Environmental

Operating Temperature	5°C to 40°C
Operating Humidity	25% to 85% non-condensing
Storage Temperature	-40°C to 60° C
Storage Humidity	10% to 90% non-condensing

Supplies

Roll type*	Uncoated label 102mm x 74mm – 1000 labels (BUS-1J074102-121) 102mm x 150mm – 500 labels (BUS-1J150102-121) Coated label 102mm x 74mm – 1000 labels (BCS-1J074102-121) 102mm x 150mm – 500 labels (BCS-1J150102-121)
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Ribbon type*

Standard Wax – 110mm x 300m (BWS-1D300-110)
Premium Wax – 110mm x 300m (BWP-1D300-110)
Standard Wax/Resin – 110mm x 300m (BSS-1D300-110)
Premium Wax/Resin – 110mm x 300m (BSP-1D300-110)
Standard Resin – 110mm x 300m (BRS-1D300-110)
Premium Resin – 110mm x 300m (BRP-1D300-110)

Optional Accessories (Dealer Option)

Label Peeler	PA-LP-003
Full & Partial Cutter	PA-CU-002
External Roll Holder (User Option)	PA-RH-001

*For additional supplies information, please contact your local Brother office