



TD-4420T Series

203dpi Direct Thermal Printers

TD-4420TN
TD-4420TNP
TD-4420TNC



Healthcare,
medical and
laboratory



Warehousing
and logistics



Retail

Thermal Transfer Printers

4-inch 203dpi Barcode Label and Receipt Printers

TD-4420TN
TD-4420TNP
TD-4420TNC



Introducing the next era of four-inch desktop thermal printers from Brother. These precision built barcode label and receipt printers, deliver performance, quality, and integration at an exceptional value. From inventory and shipping to barcode and shelf labelling – now you can easily and affordably produce the labels you need, with the reliability and support that only Brother delivers.



Effortless integration

Experience improved operational efficiency with seamless integration into existing and future workflows utilising Software Development Kits (SDK's), BarTender and the support of a variety of printer command systems, including ZPLII emulation



Warranty

Delivering peace of mind with a 2 year return to base warranty on hardware and a 6 month return to base warranty of print heads. Rapid exchange is also available as an optional add-on



Reliable technology

Thermal technology is made up of less moving parts delivering greater reliability for your business

Technical Specifications for the TD-4420T Series

| | TD-4420TN | TD-4420TNP | TD-4420TNC |
|----------------------------------|--|--|--|
| Tear Bar | Yes | N/A | N/A |
| Peeler (PA-LP-001) | No (available as an option) | Yes (installed) | No |
| Cutter (PA-CU-001) | No (available as an option) | No | Yes (installed) |
| Printing | | | |
| Print Technology | Thermal Transfer | | |
| Print Resolution | 203dpi | | |
| Print Speed | MAX 152.4mm/sec (6 ips) (Under Brother standard environment) | | |
| Print Width (MAX) | 108mm (4.25 inch) | | |
| Print Length (MAX) | 25,400mm (1000 inch) | | |
| Print Length (MIN) | 5mm (0.09 inch) | | |
| Media Sensor Type | Gap (Transmissive), Black mark (Reflective) | | |
| Media Sensor Location | Reflective (adjustable), Gap (fixed) | | |
| Release Mode | Standard: Continuous, tear off | Peeler | Cutter |
| Size | | | |
| Weight | Printer: 2.50kg | Printer & Peeler: 2.68kg | Printer & Cutter: 2.87kg |
| Dimensions | 204mm (W) (8.03 inch) 177.5mm (H) (6.99 inch) 280mm (D) (11.02 inch) | 204mm (W) (8.03 inch) 177.5mm (H) (6.99 inch) 322mm (D) (12.68 inch) | 204mm (W) (8.03 inch) 177.5mm (H) (6.99 inch) 333mm (D) (13.11 inch) |
| Control Panel | 1 LED with 3 colours 1 button (Feed) | | |
| Interface | | | |
| USB | Standard: USB Ver.2.0 (Full Speed) (Type B) | | |
| Serial | Standard: RS232C (DB9 male) | | |
| Wired LAN | Standard: 10/100BASE-TX | | |
| USB Host Port | Standard: USB Type-A Class ID: HID, USB mass-storage device class USB Regulation: 2.0 | | |
| Bluetooth | Not supported | | |
| BluetoothProfile | - | | |
| WLAN | Not supported | | |
| WLAN Mode | - | | |
| WLAN Security | - | | |
| Memory | | | |
| RAM | 64MB SDRAM | | |
| Flash | 128MB NAND-FLASH User area SDRAM: 2048 KB Flash: 80640 KB | | |
| Power Supply | | | |
| Adapter | AC adapter Input: AC 100-240V, 2.0A, 50-60Hz Output: DC24V, 2.5A, 60W, LPS | | |
| Media Specification | | | |
| Types | Continuous, die-cut, black mark, fan-fold, notch | | |
| Wound Type | Outside wound | | |
| Media Width | 20 ~ 112mm (0.79 inch to 4.41 inch) catalogue described spec | | |
| Media Length | 5mm ~ Max. print length (0.20inch to Max inch) Tear mode : 50mm ~ Max. print length Peeler mode: 25.4 ~ 152.4mm Cutter mode: 25.4mm ~ Max. print length | | |
| Thickness | 0.06 ~ 0.19 mm | | |
| Diameter (Max) | 5inch OD (around 74~75M long) | | |
| Core Diameter (Min) | 25.4mm & 38.1mm (1.0 inch & 1.5 inch) | | |
| Ribbon specification | | | |
| Types | Premium Wax, Resin, Semi (Wax/Resin) | | |
| Wound Type | Outside wound | | |
| Ribbon Width | 40 ~ 110mm (1.57 inch to 4.33 inch) | | |
| Suggested Paper Core Width | 0.5 inch paper core: fixed width 110mm with 2 notches in each side 1 inch paper core: fixed width 110mm with 2 notches in each side 1 inch paper core: paper core width is the same as ribbon width and use with ribbon spindles | | |
| Inner Paper Core & Ribbon Length | 0.5 inch paper core: Max. OD 40mm, 110M long 1 inch paper core: Max. OD 67mm, 300M long | | |

| Software | |
|---------------------------------------|--|
| Label Editing Software | BarTender Ultra Lite Edition |
| Windows Printer Driver | Windows 10 and Server 2016 Windows 8.1 and Server 2012 R2 Windows 8 and Server 2012 Windows 7 and Server 2008 R2 Windows Server 2008 |
| MAC Printer Driver | macOS 10.14.x macOS 10.13.x macOS 10.12.x OS X 10.11.x OS X 10.10.x |
| Linux Printer Driver | Ubuntu V11.04-16.04 Fedora 24 SUSE Linux Enterprise Server 12 CentOS Linux 7.2 Red Hat Enterprise 7.3 |
| Setting Tool | BPM (Brother Printer Management Tool) Support OS Windows 7 Windows 8, 8.1 Windows 10 |
| Mobile SDK | Not supported |
| Mobile Transfer Express Mobile Deploy | Not supported |
| Windows SDK | Windows 10 and Server 2016 Windows 8.1 and Server 2012 R2 Windows 8 and Server 2012 Windows 7 and Server 2008 R2 Windows Server 2008 |
| Supported Command | FBPL-EZD (EPL,ZPL,ZPL2,DPL) |
| SAP Device Type | SAP_BASIS Release 6.20~7.11, except 7.10. |
| Development Support Tool | CommTool (Brother Communication Tool) |
| Bar Code Symbologies | Linear: Code128UCC, Code128 subsets ABC, 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 |
| Fonts | 8 alpha-numeric bitmap fonts for FBPL Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font |
| Operating Characteristics | |
| Operating Temperature | Operate: 5 ~ 40°C |
| Operating Humidity | 25~85% non-condensing |
| Storage Temperature | 40 ~ 60 °C |
| Storage Humidity | 10~90% non-condensing |
| Printer Safety | EMC / RMC |
| Warranty | |
| Hardware | 2 Year Return to Base |
| Print Head | 6 Month or 25kms Return to Base |
| Options | Rapid Exchange - contact Brother at info@brother.com.au for more information |
| Package Contents | |
| Package Contents | Printer, AC Adapter, Power Cord, USB Cable, Documents |
| | Printer, Label Peeler, AC Adapter, Power Cord, USB Cable, Documents |
| | Printer, Cutter, AC Adapter, Power Cord, USB Cable, Documents |

Brother International Australia

Suite 1, Level 3, Building A,
11 Talavera Road, Macquarie Park, NSW, 2113
Phone: 02 9887 4344

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