

Versatile, high-resolution desktop printers

TD4T Thermal Transfer Series

Thermal transfer and thermal direct. Wifi and BT options available.



TD4T Range brief summary



Printing

Print technology	Thermal Transfer & Direct Thermal			
Print speed	152.4mm/sec	127mm/sec	203.2mm/sec	152.4mm/sec
Resolution	203dpi	300dpi	203dpi	300dpi
Max print width	108mm	105.7mm	108mm	105.7mm
Min print length	Peeler: 25.4 mm Cutter: 25.4 mm Tear: 50 mm			
Max print length	25,400mm	11,430mm	25,400mm	11,430mm
Media sensor type	Gap (Transmissive)		Gap (Transmissive), Black Mark (Reflective)	
Media sensor location	Gap (Fixed), Reflective (Adjustable)			
Tear off release mode	Standard: Continuous, Tear off Optional: Peeler, Cutter			

Connectivity

USB	●	●	●	●
Serial	●	●	●	●
Wired LAN	●	●	●	●
USB Host Port	●	●	●	●
Bluetooth			●	●
Wireless LAN (WiFi)			●	●

General

Dimensions (mm)	204(w) x 280(d) x 164(h)	219(w) x 284(d) x 191(h)
Weight	2.5kg	3kg
Control panel	1 button 1 LED with 3 colours	1 LED with 3 colours
LCD		2.3" colour LCD
Operating system support	Windows 7/8/8.1/10, Windows Server 2008/2008R2/2012/2012R2/2016/2019 OS X 10.10.x, 10.11.x macOS 10.12.x, 10.13.x, 10.14.x, 10.15.x, 11.x. Linux	Windows 7/8.1/10, Windows Server 2012/2012R2/2016/2019 OS X 10.11.x, macOS 10.12.x, 10.13.x, 10.14.x, 10.15.x, 11.x. Linux
Supported commands	FBPL-EZD (EPL, ZPL, ZPL II, DPL) FBPL-EZS (EPL, ZPL, ZPL II, SBPL)	

TD4T Range in detail



TD4420TN



TD4520TN



TD4650TNWB



TD4750TNWB

4 Inch

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Media sensor location	Gap (Fixed), Reflective (Adjustable)			
Tear off release mode	Standard: Continuous, Tear off Optional: Peeler, Cutter			

Media

Media types	Continuous, Die-cut, Black mark, Fan-fold, Notch	Continuous, Die-cut, Black mark, Fan-fold, Notch, Punched hole media.
Media thickness	0.06 - 0.19 mm (0.002 inch to 0.007 inch)	
Media width	20 - 112mm (0.79 inch to 4.41 inch)	
Media length	5mm - Max. print length (0.20 inch to Max inch)	
Diameter (Max)	127mm (5 inch)	
Core Diameter (Max)	25.4mm & 38.1mm (1.0 inch & 1.5 inch)	

Ribbon

Types	Wax, Wax/Resin, Resin
Wound type	Outside wound
Ribbon width	40 - 110 mm (1.57 inch to 4.33 inch)
Suggested paper core width	0.5 inch paper core: fixed width 110mm, width 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 length 1 inch paper core: Max. OD 67mm, 300m length

Connectivity

USB	USB version 2.0 (full speed)			
USB host capability	Yes	Yes	Yes	Yes
Serial	RS-232			
Wired LAN	Internal Ethernet, 10/100 Mbps			
USB host port	Yes	Yes	Yes	Yes
Bluetooth	No	No	Yes	Yes
Bluetooth profile	N/A		Bluetooth Ver.5.0	
Wireless LAN	No	No	WiFi IEEE 802.11 a/b/g/n	
Wireless LAN security	N/A		Authentication method (encryption scheme) *Infrastructure mode Open system (None/WEP64/WEP128) WPA/WPA2-PSK (TKIP+AES) EAP-FAST (TKIP/AES) PEAPv0 (TKIP/AES) EAP-TLS (TKIP/AES) EAP-TTLS (TKIP/AES)	
MFI support	No	No	No	No
AirPrint	No	No	No	No
Wired LAN	Yes	Yes	Yes	Yes



General

Control panel	1 button 1 LED with 3 colours	1 button 1 LED with 3 colours
LCD type	None	2.3" colour LCD

Power

Adapter	External Universal Switching Power Supply Input: AC 100-240V, 2.5A, 50-60Hz Output: DC24V, 2.5A, 60W	External Universal Switching Power Supply Input: AC 100-240V, 2.0A, 50-60Hz Output: DC24V, 3.75A, 90W
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Software

Operating system support	Windows 7/8.1/10. Windows Server 2008/2008R2/2012/2012R2/2016, 2019. OS X 10.10.x, 10.11.x. macOS 10.12.x, 10.13.x, 10.14.x, 11.x. Linux.	Windows 7/8.1/10. Windows Server 2012/2012R2/2016/2019. OS X 10.11.x. macOS 10.12.x, 10.13.x, 10.14.x, 10.15.x, 11.x. Linux.
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Supported printer commands	FBPL-EZD (EPL, ZPL, ZPL2, DPL) FBPL-EZS (EPL, ZPL, ZPL2, SBPL)
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Barcode symbologies	<p>1D: Code128UCC, Code128 subsets A, B, C, EAN128, Interleaved 2 of 5, Interleaved 2 of 5 with check digit, Standard 2 of 5, Industrial 2 of 5, Code39, Code39 with check digit, Code93, EAN-13, EAN-8, UPC-A, UPC-E, EAN and UPC 2 (5) digits add-on, Codabar, Postnet, MSI, MSI with check digit, PLESSEY, China post, ITF14, EAN14, Code11, TELEPEN, TELEPEN number, PLANET, Code49, Deutsche Post Identcode, Deutsche Post Leitcode, LOGMARS</p> <p>2D: CODABLOCK F mode, RSS Barcode (GS1 DataBar), GS1 DataMatrix, Maxicode, AZTEC, PDF417, QR Code, Micro PDF417, TLC39</p>
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Internal fonts	8 alpha-numeric bitmap fonts Monotype Image® true type font engine with one CG Triumvirate Bold Condensed scalable font
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Memory

RAM	64MB	128MB
Flash	128MB	128MB

Environmental

Operating temperature	Operate: 5°C to 40°C
Operating humidity	25 - 85% (without condensation)
Storage temperature	-40°C to 60°C
Storage humidity	10 - 90% (without condensation)

Weights & Dimensions

Dimensions (mm)	204(w) x 280(d) x 164(h)	219(w) x 284(d) x 191(h)
Weights	2.5kg	3kg

Included Items

Supplied in box	AC adapter & cord, USB cable, documentation. 1" ribbon paper core. 30m standard wax starter ribbon	AC adapter & cord, USB cable, documentation. 1" ribbon paper core. 30m standard wax starter ribbon
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