

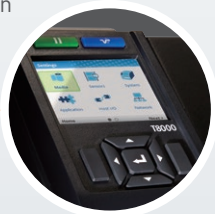
# T8000 High-End Industrial Printer

Ultimate Reliability, Durability & Print Volume

**Duty Cycle 15,000 labels/day**

## Color 3.4" LCD Screen

- Intuitive icon menu
- Nine-key control panel for easy navigation



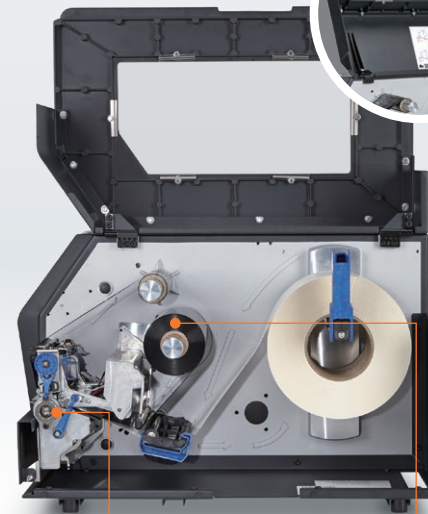
## Enterprise-level Connectivity

- USB, RS232, Ethernet
- Optional: WiFi, Parallel, GPIO



## Dependable Design

- Full metal construction
- Blue touchpoints for straightforward operation
- Friction side hinges for safety
- Large side window for better viewing of supply status



## Standard Model



8"

6"

4"

## ODV-2D Model

### Integrated ODV-2D Barcode Verifier

- Automatically finds and grades 1D and 2D barcodes
- Automatically overstrikes and reprints failed labels without operator intervention
- Ensures all barcodes meet your barcode grading specifications without any additional templates, servers, space, or equipment



6" ODV-2D

4" ODV-2D



## Energy Star Certified

- US government-backed symbol for energy efficiency

## Media

- Label width 1"~8.75"
- Media type: roll, fan-fold, tags, paper, film, tickets
- Easy side loading
- 8" media roll; 1.5"/3" core



## Media Handling

- Continuous, Tear-Off
- Optional: peel/rewind, batch/rewind (5"), cutter



## Printhead

- Intelligent heat management: increases printhead life, improves print quality
- Interchangeable printhead (203/300 dpi)



## Ribbon

- 625m ribbon
- Width range: T8000 4": 1"~ 4.5" T8000 6": 2"~ 6.8" T8000 8": 3"~ 8.75"



# T8000 | Datasheet

Model	T8000 4"	T8000 6"	T8000 8"
Resolution	203 DPI or 300 DPI		
Printing Method	Direct Thermal and Transfer Thermal		
Max. Print Speed	14ips@203dpi, 12ips@300dpi	12ips@203dpi, 10ips@300dpi	10ips@203dpi, 8ips@300dpi
Max. Print Width	4.1" (104 mm)	6.6" (168 mm)	8.5" (216 mm)
Media Type	Roll or Fan-Fold Labels, Tags, Paper, Film, Tickets		
Media Handling	Standard: Continuous, Tear-Off Strip, Tear-Off / Options: Peel-Off, Cut, and Rewind		
Media Width	Min 1" (25.4 mm) / Max 4.5" (114.3 mm)	Min 2" (50.8 mm) / Max 6.8" (172.7 mm)	Min 3" (76.2 mm) / Max 8.75" (222.2 mm)
Media Thickness	0.0025" (0.00635 mm) to 0.010" (0.254 mm)		
Media Length	Min.: Continuous, Tear-Off 0.25" (6.35mm) / Min.: Peel-Off, Cutter 1.0" (25.4mm) / Max.: 99" (2,515mm)		
Media Core Diameter	1.5" (38.1 mm) - 3.0" (76.2 mm)		
Media Max. Roll Diameter	8.0" (209 mm)		
Ribbon Type	Wax, Wax/Resin, Resin		
Ribbon Width	Min 1" (25.4 mm) / Max 4.5" (114.3 mm)	Min 2" (50.8 mm) / Max 6.8" (172.7 mm)	Min 3" (76.2 mm) / Max 8.75" (222.2 mm)
Ribbon Length	2050.5 ft (625 m)		
Ribbon Core Diameter	1.0" (25.4 mm)		
Interface I/O	Standard: Serial RS232, USB, and Ethernet 10/100Base T Optional: Wi-Fi 802.11a/b/g/n/ac, GPIO, Parallel		
WiFi Security Encryption	WEP 40/128bit, WPA Personal (PSK), WPA2 Personal (PSK) Enterprise (AES CCMP)		
WiFi Security Authentication	EAP-TLS, EAP-TTLS, PEAPv0/MS-CHAPv2, PEAPv1, EAP-MDS, LEAP		
Remote Management Software	PrintNet Enterprise Suite SOTI Connect: IoT device management		
Memory	128 MB Flash / 512 MB DDR		
Line Input	Auto Range 90 - 264 VAC (48 - 62 Hz)		
Fonts	Font Technologies: Intellifont, TrueType, Unicode Standard Fonts: OCR-A, OCR-B, Courier, Letter Gothic, CG Times, CG Triumvirate/Bold/Condensed Asian Fonts (Optional SD card): Simplified Chinese, Japanese, and Korean Andale Fonts (Optional SD card): Simplified Chinese, Traditional Chinese, Korean, Japanese PDF/ PostScript Level 3: 35 fonts		
Graphic Formats	PCX, TIFF, BMP, PNG		
Barcode	1D barcode: BC-412, Code 11, Code 39, Code 35, Code 93, Codabar, Code128 Subsets A/B/C, Industrial 2 of 5, Interleave 2 of 5, German I-2/5, EAN-8, EAN-13, UCC/EAN-128, UPC-A, UPC-E, UPCSHP, UPS 11, MSI, Matrix 2 of 5, PLESSEY, POSTNET, 4-state PostBar, Australian 4-state, FIM, ITF14, TELEPEN, PLANET, USPS Intelligent Mail, LOGMARS 2D barcode: PDF-417, MicroPDF-417, Maxicode, DataMatrix, QR Codes, Aztec, GS1 Databar (RSS-14)		
Printer Language	IGP: PGL/VGL/ZGL/TGL/IGL/STGL/DGL/IEGL/MGL/EGL Job Control: PUL, and PTX-SETUP Optional: IPDS, TN5250, Postscript (Level 1.3) / PDF (Level 1.7) PXML printer status and real-time label information for integration into third party software		
ODV-2D Integrated Barcode Verifier	Fully integrated barcode verifier grades and reports all 1D and 2D barcodes on every label, any orthogonal orientation Grading based on ISO 15415, 15416 and 15426 standards Full backup and overstrike of labels with bad barcodes Job grading reports		
Operating Environment	Operating Temperature: 23° to 104°F (-5° to 40°C) (limitations based on selected media) / Operating Humidity: 20-85% Non-Condensing Storage Temperature: 23° to 140° F (-5° to 60° C) / Storage Humidity: 5 to 85% Non-Condensing		
Regulatory Compliances	Emissions: FCC, CE, CCC Safety: cTUVus, CE, EAC, SABS, RCM, CCC, KC, S-MARK, NOM Environmental: RoHS, WEEE, Energy Star 3.0		
Physical Dimension (W x H x D)	11.7" (297.2 mm) x 13" (330.2 mm) x 20.5" (520.7 mm)	13.4" (340.4 mm) x 13" (330.2 mm) x 20.5" (520.7 mm)	15.4" (391.2 mm) x 13" (330.2 mm) x 20.5" (520.7 mm)
Weight	37 lbs (16.7 kg)	40 lbs (18.1 kg)	43 lbs (19.5 kg)
Options & Accessories	Wi-Fi 802.11a/b/g/n/ac Parallel GPIO TN5250 PDF/PostScript	IPDS ODV-2D Integrated Barcode Verifier Batch Rewind 4"/6"/8" Peel & Present 4"/6"/8" Heavy Duty Cutter 4"/6"/8"	IPDS ODV-2D Integrated Barcode Verifier Batch Rewind 4"/6"/8" Peel & Present 4"/6"/8" Heavy Duty Cutter 4"/6"/8"



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