

T800

Desktop Printer

High Efficiency Facilitates Workflow

Duty Cycle **2,500** labels/day

Color 3.5" LCD Screen

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



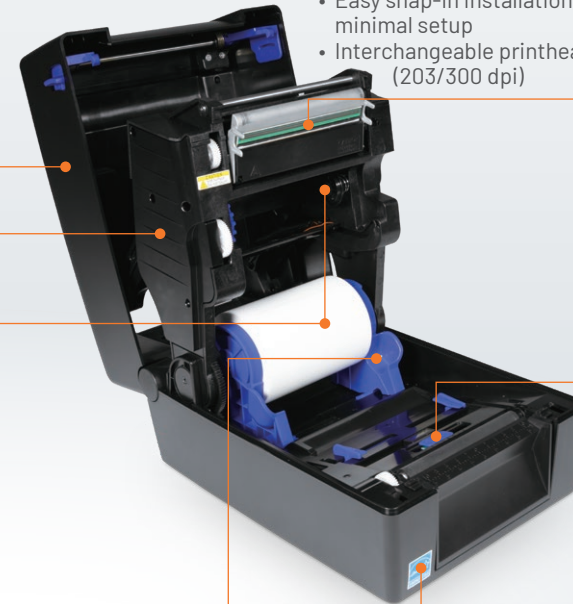
Enterprise-level Connectivity

- USB, RS232, Ethernet
- Optional: WiFi, Mfi Bluetooth 5.0



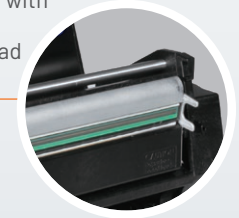
Durable Design

- Solid double-wall clamshell construction



Printhead

- Intelligent heat management: increases printhead life, improves print quality
- Easy snap-in installation with minimal setup
- Interchangeable printhead (203/300 dpi)



Media Roll RFID

- Optional RFID encoder & antenna
- Adjustable antenna



Energy Star Certified

- US government-backed symbol for energy efficiency



Media

- Label width 0.79"~4.4"
- Media type: roll, fan-fold, tags, paper, film, tickets
- 5" media roll; 1"/1.5" core



RFID



- Internal adjustable antenna
- Label/Tags: standard
- Standard: RFID labels, RFID label calibration
- Optional: RFID encoder

Media Handling

- Continuous, Tear-Off
- Optional: peel, cutter



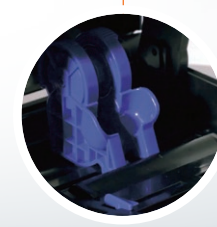
Ribbon

- 300m ribbon
- Width range: 1"~4.33"



Blue Touch-points

- Color-coded cues for straightforward operation
- Ideal for applications where technical support staff is unavailable



T800 | Datasheet

Model	T800	
Resolution	203dpi or 300dpi	
Printing Method	Direct Thermal and Transfer Thermal	
Max. Print Speed	8ips @ 203dpi, 6ips @ 300dpi	
Max. Print Width	4.1" (104mm)	
Media Type	Roll or Fan-Fold Labels, Tags, Paper, Film, Tickets	
Media Handling	Standard: Continuous, Tear-Off Options: Peel and present (paper labels, up to 6ips) Cutter (thickness as per media spec, life 500,000 cuts)(Does not support on-metal RFID labels/tags)	
Media Width	Min 0.79" (20mm) / Max 4.4" (112mm)	
Media Thickness	0.00236" (0.06mm) to 0.00784" (0.19mm)	
Media Length	Min.: Continuous, Tear-Off 0.25" (6.35mm) / Min.: Peel-Off, Cutter 1.0" (25.4mm) / Max.: 50" (1,270mm)	
Media Core Diameter	1.0" (25.4mm) / 1.5" (38.1mm)	
Media Max. Roll Diameter	5.0" (127mm)	
Ribbon Type	Wax, Wax/Resin, Resin	
Ribbon Width	Min 1.0" (25.4mm) / Max 4.33" (110mm)	
Ribbon Length	984.25 ft (300m)	
Ribbon Core Diameter	0.5" (12.7mm) / 1.0" (25.4mm)	
Interface I/O	Standard: Serial RS232, USB, and Ethernet 10/100Base T / Optional: Wi-Fi 802.11a/b/g/n/ac, MFi Bluetooth 5.0	
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 / 128 MB DDR	
Line Input	Auto Range 100 - 240 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 Premium Asian Fonts (Optional SD card): Simplified Chinese, Japanese, Korean, Thai Andale Asian 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, UPCSHIP, 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	PGL/ZGL/TGL/IGL/STGL/DGL/IEGL/MGL/EGL	
RFID	RAIN UHF Passive (GS1 EPC Gen2 / ISO 18000-63) Multi-position RF Antenna On-Pitch label to 0.625" (depending on inlay)	RFID label calibration Printer languages: PGL, ZGL, STGL, MGL Counters: Tracks good/overstruck labels
Operating Environment	Operating Temperature: 40° to 104°F (5° to 40°C) (limitations based on selected media) / Operating Humidity: 25-85% Non-Condensing Storage Temperature: -40° to 140° F (-40° to 60° C) / Storage Humidity: 10 - 90% Non-Condensing	
Regulatory Compliances	Emissions: FCC, CE, IC, CCC, KC Safety: cTUVus, CE, IC, EAC, SMARK, NOM, CCC, KC, BIS, BSMI Environmental: RoHS, WEEE, Energy Star 3.0	RFID: FCC, CE, ANATEL, ICT, KC, MIC, NOC., SRRC, WPC WiFi/BT: FCC, IC, CE, CCC Energy Savings: Energy Star 3.0
Physical Dimension (W x H x D)	8.3" (210mm) x 7.5" (190mm) x 11.2" (285mm)	
Weight	6.79lbs (2.9kg)	
Options & Accessories	Wi-Fi 802.11a/b/g/n/ac MFi Bluetooth 5.0 Cutter Peeler	RAIN UHF Passive (GS1 EPC Gen2 v2 / ISO 18000-63) Premium Asian Font Card (SD Card) External 3in Supply Roll Dispenser QCMC (Quick Change Memory Card)



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