

T6000e High Performance Thermal/RFID Printer

Speed • Versatility • Reliability

The T6000e industrial printer series sets the standard for productivity and versatility in fast-paced environments where speed, exceptional print quality and advanced features such as RFID and real time barcode verification are needed.

The T6000e is one of the most versatile printers on the market with the ability to print 10,000 labels a day at high speeds, high resolution 600dpi small label printing, support for all major competitor printer languages, multiple connectivity options, and remote printer management tools and automated alerts to keep your enterprise operating at optimum efficiency and productivity.

The award-winning T6000e RFID prints and encodes on both standard and on-metal RFID labels and comes with an automated overstrike feature for tags that fail to encode properly. RFID upgrade kits are available for the T6000e standard model to provide customers a cost effective solution to integrate RFID technology into their operation without the upfront investment.

With the integrated barcode verifier, the T6000e can eliminate compliance fines and charge-backs caused by poorly printed barcodes. This fully integrated solution provides the ability to retract, void and reprint failed labels automatically. Used with PrintNet Enterprise remote printer management software, data is captured to certify labels printed and provide an audit trail for future use.

The T6000e offers the unique ability to print, encode RFID labels, and perform barcode inspection at the same time. No longer are two separate machines needed to perform two completely different functions, creating a new level of productivity and cost savings.

Product Benefits

- High performance ARM Cortex-A9
- 512MB RAM / 128MB Flash Memory
- 4" and 6" model configurations
- Available in 203dpi, 300dpi and 600dpi
- Die-cast aluminum frame w/metal door
- Transfer and direct printing
- Standard Ethernet, USB, and serial interfaces
- Optional Wi-Fi 802.11a/b/g/n/ac
- Optional RFID Encoder/Antenna System
- Enterprise level Ethernet and Wi-Fi security
- 4-32 GB SD memory card capability
- Premium Asian and Andale font support

Enterprise Level Productivity

- High-speed printing up to 14 ips
- High volume printing up to 10,000 labels per day in demanding environments
- Compatibility with SOTI Connect device management solution
- Easy setup for RFID labels and tags with backwards compatibility for legacy RFID applications
- Ease-of-use and an interactive screen reduces training and down time, helping your business focus on operational productivity

Versatility

- 600 dpi for high-print quality labels (4" model only)
- Seamless integration with the most extensive library of print emulations in the industry, including Postscript Level 3/PDF Level 1.7 printing
- RFID print/encode for standard smart labels, on-metal tags and many other tag constructions
- Four RFID printer programming languages
- Integrated ODV-2D barcode verifier to produce 100% scannable 1D and 2D barcodes every time

Reliability

- Solid metal-framed construction for reliable operation
- Operates in wide temperature range; -5° C to 40° C (23° F to 104° F)
- WiFi protocol and security suite
- Intelligent heat management system increases printhead life and improves print quality while reducing operating costs

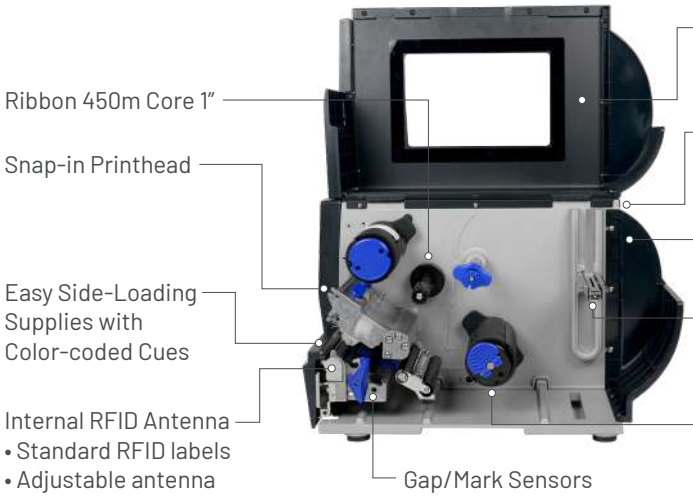
TSC PRINTRONIX AUTO ID

Key Features



External RFID Antenna
- On-metal RFID tags
- Standard RFID labels
- Many other tag constructions





The T6000e RFID offers the same benefits as the T6000 plus advanced RFID features

- RFID available in 4" and 6" models
- Encodes and prints standard RFID smart labels most commonly used in carton or pallet supply chain applications
- Encodes and prints on-metal tags
- Encodes and prints many other tag constructions such as, horticultural plant stakes and wrap-tags, Returnable Transport Item tags, wristbands, and many more
- Validates encoding process, and automatically overstrikes and reprints any RFID label (or tag) that fails to encode properly
- Records all RFID labels for encoding process, tracks success/failure rates
- Supports all major brands of RFID inlays and on-metal tags

Exceptional 600 DPI Print Quality

- High resolution text, barcodes and graphics
- Small labels used on PCB assemblies
- Detailed Asian characters
- Available on four inch wide T6000e and RFID
- Interchangeable printhead

Enterprise Level Productivity

- Drop-in installation with minimal setup & multiple emulations
- 9 Printer and 4 RFID native & competitor printer languages
- Configure and manage printer using virtual control panel or embedded webpage
- Save time with printer setup using the Quick-Change Memory Card (QCMC)
- SOTI Connect IOT management solution
- Easy to use large color LCD display with intuitive icon-driven menu
- Full suite of connectivity options & security protocols

PrintNet Enterprise (PNE)

- Remotely troubleshoot & monitor printer status from administrator dashboard
- Push configurations, firmware, or any file to a group of printers or a single printer
- Send automated alerts for printer errors, warnings or fault conditions by email/text
- Use Printer Management to generate production reports
- Remote front-panel lockout to prevent unauthorized users from making changes
- Upward compatibility to support the entire family of Printronix Auto ID Printers
- Commmonality across the printer fleet

T6000e | Data Sheet

Model	T6000e 4"	T6000e 6"
Resolution	203dpi, 300dpi or 600dpi	203dpi or 300dpi
Printing method	Direct Thermal and Transfer Thermal	
Max. print speed	14ips @ 203dpi; 12ips @ 300dpi, 6ips @ 600dpi	12ips @ 203dpi, 10ips @ 300dpi
Max. print width	4.1" (104mm)	6.55" (166.4mm)
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" (25.4mm) / Max 4.5" (114.3mm)	Min 2" (50.8mm) / Max 6.8" (172.7mm)
Media thickness	0.002" (0.06mm) to 0.010" (0.268mm) / RFID On-Metal Tag Max Thickness 0.088" (2.2mm)	
Media length	Min.: Continuous 0.25" (6.35mm); Tear-Off 0.25" (6.35mm); Peel-Off 1.0" (25.4mm); Cutter 1.0" (25.4mm) Max.: 99" (2,515mm)	
Media core diameter	1.5" (38.1mm) - 3.0" (76.2mm)	
Media max. roll diameter	8.0" (209mm)	
Ribbon type	Wax, Wax/Resin, Resin	
Ribbon width	Min 1" (25.4mm) / Max 4.5" (114.3mm)	Min 2" (50.8mm) / Max 6.8" (172.7mm)
Ribbon length	1476.4 ft (450m)	
Ribbon core diameter	1.0" (25.4mm)	
Interface I/O	Standard: Serial RS232, USB, and Ethernet 10/100Base T / Optional: Wi-Fi802.11a/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 - 240 VAC (48 - 62 Hz)	
Fonts	Font Technologies: Intellifont, TrueType, Unicode Standard Fonts: OCRA, OCRB, 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, 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	IGP: PGL/VGL/ZGL/TGL/IGL/STGL/DGL/IEGL/MGL/EGL Job Control: PJL, 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	
RFID	RAIN UHF Passive (GS1 EPC Gen2 v2 / ISO 18000-63) Fixed Position Antenna Standard/On-Metal Tags/ Additional Tag Constructions Minimum Label/Tag Pitch 0.625" (15.9mm)	On-Metal RFID Tag Thickness up to 0.088" (2.2mm) Printer languages: PGL, ZGL, STGL, MGL Counters: Tracks good/overstruck labels/tags
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 Partial 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: 10 to 90% RH Non-Condensing Storage Temperature: -40° to 140° F (-40° to 60° C) / Storage Humidity: Non-Condensing	
Regulatory compliances	Emissions: FCC, CE, CCC Safety: cTUVus, CCC, CE, BIS, BSMI, EAC, KCC, NOM, RCM, S-MARK Environmental: RoHS, WEEE, Energy Star 3.0 RFID: FCC, CE, ANATEL, ICT, KC, MIC, NCC., SRRC, WPC WiFi: FCC, CE, IC, SRRC	
Physical dimension (W x H x D)	11.7" (297.2mm) x 13" (330.2mm) x 20.5" (520.7mm)	13.4" (340.4mm) x 13" (330.2mm) x 20.5" (520.7mm)
Weight	37lbs (16.7kg)	40lbs (18.1kg)
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" (RFID 4" only) Peel/Rewind 4"/6" (RFID 4" only) Heavy Duty Cutter 4"/6" Premium Asian or Andale Font Cards QCMC (SD Quick Change Memory Card) RAIN UHF Passive (GS1 EPC Gen2 v2 / ISO 18000-63)	

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