PRINTRONIX AUTO ID

T6000e
T6000e RFID

HIGH-PERFORMANCE THERMAL/RFID PRINTER

SPEED

VERSATILITY

RELIABILITY

RAIN RFID

SOTI CONNECT

The T6000e industrial printer series sets a new standard for productivity and versatility in fast-paced environments where speed, exceptional print quality and advanced features such as RFID 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, offer high resolution 600 dpi printing small label applications, Printronix System Architecture (PSA), 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.

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 T6000 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)
- RFID print/encodes both standard labels and on-metal tags
- Plug-n-Play operation
- Nine competitor printer languages
- Four RFID printer languages
- Upgrade kits available with tear and cutter (media handling)

RELIABILITY

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

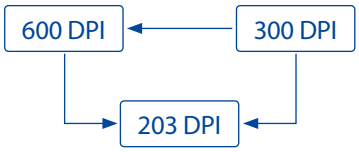
KEY FEATURES

THE T6000e RFID OFFERS THE SAME BENEFITS AS THE T6000 PLUS ADVANCED RFID FEATURES.

- RFID available in 4" and 6" models
- Encodes and prints on standard RFID paper labels most commonly used in carton or pallet supply chain applications
- Encodes and prints on-metal RFID tags most commonly used in asset tracking applications where the tagged item has a metal surface, such as IT servers, safety deposit boxes, or gas canisters
- 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 PRODUCTIVITY

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)

Compatible with SOTI Connect device 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

SPECIFICATIONS

PRODUCT BENEFITS

* High performance ARM Cortex-A9
* Die-cast aluminum frame w/metal door
* Transfer and direct printing
* 4" and 6" model configurations
* Andale & Premium Asian Fonts (Option)
* Available in 203 DPI, 300 DPI and 600 DPI
* 512 MB RAM / 128 MB Flash Memory
* 4-32 GB SD memory card capability
* ENERGY STAR Certified
* WiFi 802.11 a/b/g/n/ac (Option)

PRINTER SPECIFICATIONS

Max Print Speed (4")	14ips @ 203 DPI; 12ips @ 300 DPI, 6ips @ 600 DPI
Max Print Speed (6")	12ips @ 203 DPI, 10ips @ 300 DPI
Print Method	Transfer and Direct
Resolution (4")	203 DPI / 300 DPI / 600 DPI
Resolution (6")	203 DPI / 300 DPI
Max. Print Width	104.1 mm (4.1") / 166.4 mm (6.55")
Printer Memory	512 MB RAM / 128 MB Flash

MEDIA SPECIFICATIONS

Media Type	Roll or Fan-Fold Labels, Tags, Paper, Film, Tickets
Min. Media Width (4"/6")	25.4 mm (1") / 50.8 mm (2")
Max. Media Width	114.3 mm (4.5") / 172.7 mm (6.8")
Min. Media Length	0.25" / 1" (Continuous/Tear-Off) / 1" (Peel-Off/ Cutter)
Max. Media Length	Up to 99"
Media Thickness	0.06 to 0.268 mm (2.36 – 11mil)
Media Roll Core Diameter	38.1 mm (1.5") to 76.2 mm (3")
Max. Media Roll Diameter	203.2 mm (8")
Media Sensing	Gap, Mark

RIBBON SPECIFICATIONS

Ribbon Type	Wax, Wax/Resin, Resin
Coating	Coated side in/out, RFID coated side out only
Min. Ribbon Width (4"/6")	25.4 mm (1") / 50.8 mm (2")
Max. Ribbon Width (4"/6")	114.3 mm (4.5") / 172.7 mm (6.8")
Max. Ribbon Length	450 Meters

MEDIA HANDLING

Standard	Continuous, Tear-Off Strip, Tear Off
Options	Peel-Off, Cut and Rewind

COMMUNICATION AND CONNECTIVITY/INTERFACE

Standard Interface I/O	Serial RS232, USB, and Ethernet 10/100Base T
Optional Interface I/O	Parallel, WiFi (802.11a/b/g/n), GPIO
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

REMOTE MANAGEMENT SOFTWARE

PrintNet Enterprise Suite	Enterprise Grade Remote Management Solution

PRINTER LANGUAGE

IGP Languages	PGL/VGL/ZGL/TGL/IGL/STGL/DGL/IEGL/MGL/EGL
Job Control Languages	PJL, XML, and PTX-SETUP
Optional Languages	IPDS, PDF Level 1.7, Postscript Level 3

BAR CODE SYMBOLOGIES

1D Barcodes	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 Barcodes	PDF-417, MicroPDF-417, Maxicode, DataMatrix, QR Codes, Aztec, GS1 Databar (RSS-14)

RFID

Radio	UHF / RAIN (GS1 EPC Gen2 v2 / ISO 18000-63)
Antenna	Fixed Position Antenna
Inlays/Tags	Standard/On-Metal Tags
Minimum Label/ Tag Pitch	15.87 mm (0.625")
On-Metal Tag Thickness	Up to 1.2 mm thick
Printer Languages	PGL, ZGL, STGL, MGL
Counters	Tracks good/overstruck labels/tags

BARCODE VALIDATION

Online Data Validator (ODV)	Validates, Grade, Report, and Overstrike bar codes Supports 1D Barcodes (Picket Fence) Compatible with RFID encoding

FONT, GRAPHIC SUPPORT

Graphic Formats	PCX, TIFF, BMP, PNG
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, Korean, Thai
Andale Fonts (Optional SD card)	Simplified Chinese, Traditional Chinese, Korean, Japanese
PDF/ PostScript Level 3	35 Fonts

PHYSICAL CHARACTERISTICS

Width (4"/6")	276.9 mm (10.9") / 358.1 mm (14.1")
Height (4"/6")	312.4 mm (12.3") / 314.9 mm (12.4")
Depth (4"/6")	515.6 mm (20.3") / 515.6 mm (20.3")
Printer Weight (4"/6")	14.5 kg (33.6 lbs) / 17.4 kg (39 lbs)
Shipping Weight (4"/6")	18.6 kg (42.6 lbs) / 21.5 kg (48 lbs)

OPERATING ENVIRONMENT

Operating Temperature	-5°C to 40°C (23°F to 104°F)
Operating Humidity	10 to 90% RH Non-Condensing
Storage Temperature	-40°C to 60°C (-40°F to 140°F)
Storage Humidity	Non-Condensing

POWER REQUIREMENT

Line Input	Auto Range 90 - 240 VAC (48 - 62 Hz)

REGULATORY COMPLIANCES

Emissions	FCC, CE, CCC
Safety	cTUVus, CCC, CE, BIS, BSMI, EAC, KCC, NOM, RCM, S-MARK
Environmental	RoHS, WEEE, Energy Star
WiFi	FCC, CE, IC, SRRC
RFID	FCC, CE, ANATEL, ICT, KC, MIC, NCC., SRRC, WPC

Options and Accessories

* WiFi 802.11 a/b/g/n/ac
* Parallel Port
* GPIO
* TN5250
* PDF/PostScript
* IPDS
* Online Data Validator (ODV)
* Rewind 4"/6"
* Heavy Duty Cutter 4"/6"
* Peel & Present 4"/6"
* Premium Asian Font Cards
* Premium Andale Font Cards
* QCMC (SD Quick Change Memory Card)
* UHF RFID (US 902-928MHz, EU 866-868MHz)

Contact your local Printronix Auto ID authorized reseller or EMEA_Sales@PrintronixAutoID.com

PRINTRONIX AUTO ID

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