T4000
COMPACT THERMAL/RFID PRINTER

PRODUCTIVITY
ADAPTABILITY
DEPENDABILITY
Small, Fast and Ready to Boost Productivity

The T4000 is our most compact and affordable industrial printer with the ability to print 5,000 labels a day at speeds of up to 10ips. If you’re looking to improve productivity...look no further. The T4000 includes RFID capability, Printronix System Architecture (PSA), with multiple connectivity options, remote printer management tools and automated alerts to keep your enterprise, operating at optimum efficiency and productivity.

ENTERPRISE LEVEL PRODUCTIVITY
- Industry-leading print speed of 10 ips
- Easily prints 5,000 labels a day in demanding environments
- Compatible with PrintNet Enterprise, printer management tool
- Fast ARM Cortex A-7 processor
- Automated alerts keep your enterprise efficient and productive
- Uptime is maximized with 450m ribbons and 8” label roll capacity

ADAPTABLE FEATURES
- Extensive standard connectivity: Ethernet, USB Host, USB device, serial
- Optional RFID system encodes both standard RFID labels and on-metal RFID tags
- Optional connectivity: Enterprise level WiFi 802.11 a/b/g/n/ac, Bluetooth 4.2
- Enterprise level WiFi encryption and security protocols
- Nine printer emulations for seamless integrations
- Compact size makes it a good fit for multiple industries

DEPENDABLE DESIGN
- Rugged metal enclosure with bifold side panel
- Built on Printronix System Architecture (PSA) platform for proven dependability
- Proprietary printhead algorithms deliver high-quality barcodes
- Large LCD color screen and easy-to-use control panel
- High MTBF of up to 12,000hrs
- Wide operating temperature range from 0°C to 40°C
PSA is an intelligent design platform that combines advanced features with a common set of building blocks to simplify printer installation, operation, and improve productivity.

- The printer includes the tools to install, configure and troubleshoot multiple printers at once.
- Printers are fast and reliable for maximum productivity.
- The time required to perform day-to-day tasks has been minimized.
- Includes multiple connectivity options and advanced security protocols.

Enterprise Level Productivity

The T4000, UHF RFID ISO 18000-6C system offers several advanced features.

- Encodes and prints on standard RFID paper labels most commonly used in carton or pallet supply chain applications.
- Encodes and prints on-metal (or anti-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.

Enterprise Productivity

EASE OF INSTALLATION
Drop-in installation with minimal setup & multiple emulations
Easy to configure control panel or with interactive webpage
Full suite of connectivity options & security protocols

EASE OF MAINTENANCE
Remotely troubleshoot & monitor printer status
Push firmware & re-configure printers in batches
Easy printer swap with quick change memory card (QCMC)
Commonality of operation between all Printronix Auto ID printers

RELIABLE LABEL PRODUCTION
Easy to use large color LCD display with intuitive icon-driven menu
Fast print speed and time-to-first-print
More uptime with easy load media and large ribbon rolls
Dependable production up to 5,000 labels per day
T4000
SPECIFICATIONS

PRODUCT BENEFITS
- High performance ARM Cortex-A7
- 128 MB RAM / 128 MB Flash Memory
- Printronix System Architecture (PSA)
- Color 3.5in LCD nine-key control panel
- Four-inch print width
- 203 DPI or 300 DPI
- Transfer and Direct Printing
- Ethernet 10/100 BaseT
- Steel Frame Enclosure
- Bifold Media Door
- WiFi 802.11 a/b/g/n/ac (Option)
- Bluetooth 4.2 (Option)
- 4-32 GB SD memory card capability
- Andale & Premium Asian Fonts (Option)
- ENERGY STAR Certified
- RFID Encoder/Antenna System (Option)

PRINTER SPECIFICATIONS
- Max Print Speed: 10 IPS @ 203 DPI, 7 IPS @ 300 DPI
- Print Method: Transfer and Direct
- Resolution: 203 DPI / 300 DPI
- Max. Print Width: 4.1" (104mm)

MEDIA SPECIFICATIONS
- Media Type: Roll or Fan-Fold Labels, Tags, Paper, Film, Tickets
- Min. Media Width: 1.0" (25.4mm)
- Max. Media Width: 4.72" (120mm)
- Min. Media Length: Continuous, Tear-Off / Peel-Off 1.0"
- Max. Media Length: Up to 50"
- Media Thickness: 0.00236" (0.06mm) to 0.011" (0.279mm)
- Media Roll Core Diameter: 3.0" (76.2mm)
- Media Sensing Gap, Mark

RIBBON SPECIFICATIONS
- Ribbon Type: Wax, Wax/Resin, Resin
- Min. Ribbon Width: 1.6" (40mm)
- Max. Ribbon Width: 4.33" (110mm)
- Max. Ribbon Length: 450 Meters
- Ribbon Core Diameter: 1.0"

PHYSICAL CHARACTERISTICS
- Width: 10.40" (264mm)
- Height: 10.9" (276mm)
- Depth: 17.9" (455mm)
- Printer Weight: 22 lbs. (10Kg)
- Shipping Weight: 28 lbs. (13Kg)

PRINTER LANGUAGE
- Printer Languages (Native / Competitor): PGL/ZGL/TGL/IJGL/STGL/IJGL/EGL/EGL
- Legacy Line Printer Emulations: XML
- Job Control Languages: XML, PTX-SETUP

COMMUNICATION AND CONNECTIVITY/INTERFACE
- Standard Interface I/O: Serial RS232, USB Device (Type B), USB Host (Type A)
- Optional Interface I/O: Ethernet 10/100BaseT
- WiFi: 802.11a/b/g/n/ac, (WiFi Alliance Certified)
- Bluetooth: 4.2
- WiFi Security Encryption: WEP, WPA, WPA2 PSK, TKIP, AES CCMP
- WiFi Security Authentication: EAP-TLS, EAP-PEAP, LEAP

RFID
- Radio: UHF Gen2 / ISO18000-6C Encoder
- Antenna: Fixed Position antenna
- Inlays/Tags: Standard RFID Labels, On-Metal RFID Tags
- Minimum Label/Tag Pitch: 0.625in
- On-Metal Tag Thickness: Up to 1.0mm Thick
- Printer Languages: PLG, ZGL, STGL, MGL
- Counters: Counts Tracks good/overstruck labels/tags

OPERATING ENVIRONMENT
- Operating Temperature: 32 to 104°F (0 to 40°C)
- Operating Humidity: 25-85% Non-Condensing
- Storage Temperature: -40 to 140°F (-40 to +60°C)
- Storage Humidity: 10 - 90% Non-Condensing

MEDIA HANDLING MODES
- Standard Options: Continuous, Tear-Off
- Options: Peel/Rewind (paper labels, 6ips, rewinds liner from 8in roll)
- Cutter (thickness as per media spec, life 500,000 cuts)

POWER REQUIREMENT
- Line Input: Auto Range 100 - 240 VAC (48 - 62 Hz)

REGULATORY COMPLIANCES
- Emissions: FCC, CE, IC, CEC, IC, cTUVus, EN, EMCS, NOM, KCC, KC, BSMI
- RoHS, WEEE, Energy Star
- Energy Savings: USA, Canada, EU, China, Brazil, Taiwan, India, Korea

BAR CODE SYMBOLOGIES
- 2D Barcodes: PDF-417, MicroPDF-417, Maxicode, DataMatrix, QR Codes, Aztec, GS1 Databar (RSS-14)

FONT, GRAPHIC SUPPORT
- Font Technologies: Intellifont, TrueType, Unicode
- Premium Asian Fonts (SD card): Simplified Chinese, Japanese, Korean, Thai

REMOTE MANAGEMENT SOFTWARE
- PrintNet Enterprise: Enterprise Grade Remote Management Solution

OPTIONS AND ACCESSORIES
- WiFi 802.11 a/b/g/n/ac
- Bluetooth 4.2
- Cutter
- Peel/Rewind
- Andale Asian Font Card
- Premium Asian Font Card
- QCMC (Quick Change Memory Card)
- RFID Encoder/Antenna System

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

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