- **High-end features and performance at an economical price**

- **Twice the memory of other printers in its class**

- **World class service and support**

- **User-friendly graphical interface eases configuration and installation**

- **Enterprise-level remote printer management**

- **Field upgradeable to RFID**

leadership by design

RFID-READY THERMAL PRINTING TECHNOLOGY

The T4M™ RFID-Ready thermal bar code printer represents the latest addition to the Printronix ThermaLine™ printer series. As part of the integrated portfolio of Printronix products, the T4M provides uncompromised performance and features with the same PSA3™ architecture found in our high performance thermal printers. The advanced PSA3™ architecture offers leading edge enterprise printer solutions and connectivity shared across the Printronix product portfolio. This architecture enables you to install the T4M seamlessly into mixed brand environments and uses the widest range of embedded printer protocol interpreters – while the easy-to-use graphical interface offers a unique icon menu driven navigation system for user-friendly installation and configuration.

Easily upgrade the T4M with a variety of user installable options like internal Ethernet or RFID. All T4M printers are certified EPCglobal Gen2 RFID-Ready and can easily be upgraded with Printronix's patented MP2 encoding technology to print and encode Gen2 UHF RFID labels.

T4M - CONTINUING THE PRINTRONIX HERITAGE

With its heavy-duty industrial design, the T4M delivers reliable performance for challenging applications and environments, in a cost-effective solution. The T4M helps you to maximize productivity, whilst also providing the flexibility to grow with changing requirements. It is the ideal solution for thermal bar code printing applications like distribution, shipping and receiving, product identification and manufacturing.

It is designed for businesses seeking the most economical solution for RFID-Ready printing and builds upon Printronix's reputation for reliability, durability, and product leadership in supply chain printing and enterprise printer management.

PRINTRONIX®

GLOBAL PRINTING...ENABLED.

T4M THERMAL PRINTER

4" Thermal transfer or direct thermal, industrial and commercial grade, RFID-Ready

STANDARD FEATURES

32MB DRAM
8MB Flash
Rugged Metal Construction
Printer Install Wizard
Large Graphic User Interface
Colour Coded User Cues
Adjustable Transmissive Sensor
Reflective Sensor
Auto-Calibration
USB 2.0, Serial, Parallel
Embedded Printer Language Support
(Printronix, Zebra, TEC, Sato, Intermec, Datamax)
Label Design Program
XML Enabled Printing
XML Based Remote Management via PXML
PrintNet™ Remote Management*
Snap-in and Upgradeable Printheads
Media Counter
Ribbon Life Indicator

OPTIONS

PrintNet 10/100 Base-T Ethernet
UHF RFID Upgrade Kit
Wireless 802.11b/g Ethernet**
Peel without Liner Rewind
Peel with Liner Rewind
Full Media Rewind
Cutter
Memory Cartridge
DBCS Font Cartridge
Real Time Clock

*Requires PrintNet 10/100 Base-T Ethernet
**USA, Canada & European Union only
†Protocol Interpreters for ZPL, TEC, IPL, Sato and DPL
with RFID commands for ZPL and Sato only

RFID FIELD UPGRADE KIT

Upgrade the RFID-Ready T4M thermal transfer printer with Printronix industry leading MP2 RFID Smart encoding technology:
- Gen 2 hardware certified UHF RFID encoder
  • Configured to approved global frequency standards
  • Supports EPCglobal Class 1, Gen 2 standards
- Multi-position RF coupler, Advanced Printer Encoder Firmware

INTERFACES

Standard: RS232 Serial, IEEE 1284, Centronics, USB 2.0
Optional: Ethernet, Wireless (802.11b/g)**

USER INTERFACE

Message Display: User friendly interface offering a unique icon menu driven navigation system with up to 8 lines of displayed messages

PRINTING SPECIFICATIONS

Memory: 32MB DRAM, 8MB FLASH
Print Speed: 10 ips @ 203 dpi (254mm/sec @ 8 dpmm), 10 ips @ 305 dpi (254mm/sec @ 12 dpmm)
Printing Methods: Thermal transfer or direct thermal
Resolution: 203 dpi (8 dpmm), optional 305 dpi (12 dpmm)
Printable Width: 4.1" max (104mm)

MEDIA COMPATIBILITY

Media Types: Paper, film or synthetic thermal transfer or direct thermal label, tag and ticket stock in roll or fanfold form
Media Capacity: Roll Supply – 8" diameter on a 3" core (203mm diameter on a 76mm core)
Media and Liner Width: 1.0" to 5.15" (25.4mm to 130mm)
Media Thickness: 0.0023" to 0.010" (0.06mm to 0.254mm)
Label Length (min/max): 0.25" to 99" (6mm to 2,514.6mm)
Thermal Transfer Ribbon: Ribbon Width (min/max) – 1.55" to 5.0" (39.4mm to 127mm)
Maximum Ribbon Length: 450m
Ribbon Core Diameter: 1.0" (25.4mm)
Ribbon Max. Outer Diameter: 3.3" (83.8mm)

MEDIA SENSING METHODS

Transmissive (Gap, Notch, Hole), Reflective (Black Mark), Disable (Continuous Media)

MEDIA HANDLING MODES

Tear-Off Strip, Peel-Off, Cutter, Continuous

MEDIA HANDLING OPTIONS

Full Media Rewind: Rewinds full roll of labels
Peel with Liner Rewind: Peels labels and rewinds used liner from an 8" (203mm) label roll
Peel without Liner Rewind: Peels labels without rewinding used liner
Cutter: Cuts labels after printing specified number of labels

PROGRAMMING LANGUAGES

Standard: Printronix Graphics Language (PGL)
Zebra Graphics Language (ZGL)†
TEC Graphics Language (TGL)†
Intermec Graphics Language (IGL)†
SATO Graphics Language (STGL)†
Datamax Graphics Language (DGL)†
XML – XML Enabled Printing

BAR CODE SYMBOLOGIES

Australian Post, Aztec, BC412, Code 128 (A,B,C), Code 35, Code 39, Code 93, Codabar (NW7), Datamatrix, EAN13 (JAN), EAN-8 (JAN), FIM, 125, German I-2/5, IFT14, ITF14, Matrix (2 of 5), Maxicode, MSI, PDF-417, Planet, Plessey, PostBar, Postnet, ROYAL BAR, RSS14, Telepen, UCC/EAN 128, UPC A, UPC E, UPC E0, UPC E1, UPC SHIP, UPS 11

FONTS AND CHARACTER SET

Fonts: Monotype Imaging (Agfa Monotype), Letter Gothic Bold, Courier Bold, CG Triumvirate Bold Condensed, OCR-A, OCR-B, CG Times, CG Triumvirate, CG Triumvirate Bold, (additional fonts available)
Character Set: Unicode with TrueType font support

GRAPHIC SUPPORT AND WINDOWS DRIVERS

Graphic Support: PCX and TIFF file formats
Windows Drivers: Microsoft Windows 2000/XP/2003 server

ELECTRICAL REQUIREMENTS

Power: Auto ranging power supply 90-264 VAC (48-62Hz) PFC
Regulatory Compliance: FCC-B, ICES-003, EN 55022, EN 55024, EN 61000-3-2, EN 61000-3-3, EN 60950, cMETus, CE, BSMI, CCC, C-Tick, GOST-R, MIC, Argentina "S" mark

ENVIRONMENTAL FACTORS

Operating Temperature: 5°C to 40°C
Operating Humidity: 0% to 90% non-condensing
Storage Temperature: -5°C to +60°C
Storage Humidity: 5% to 90% non-condensing
Dimensions: 11.75" W x 18.75" D x 12.125" H (298mm W x 476mm D x 308mm H)
Printer Weight: 33lbs (15Kg)
Shipping Weight: 41lbs (18.6Kg)

For further information about our products and services, please visit our website at:
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Designed for Microsoft® Windows® XP

PRINTRONIX®

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