MULTI-TECHNOLOGY PLATFORM leadership by design

SCALABLE

Multiple embedded emulations allow users to standardize on a single printer for environments with mixed printer languages

INNOVATIVE

Open standard XML based platform for non-proprietary printing, job and printer control

BEST OF BREED

Aluminum die cast industrial design, ventless cooling, and high performance processor ideal for rugged environments

BUILT FOR CHANGE

Snap-in print heads allow operators to replace print heads and change resolution without service calls

SMART READY

Field upgradeability supports future RFID requirements





THERMAL PRINTING TODAY WITH TECHNOLOGY FOR TOMORROW

Based on the 5r Multi-Technology Platform, the ThermaLine[™] T5000r family is an industrial thermal bar code printer designed to operate in challenging environments. Through *leadership by design*, the T5000r combines reliability, utility, power and flexibility for demanding environments and provides the open migration to RFID for future requirements. The T5000r supports the widest range of connectivity and control without sacrificing performance and provides the ability to meet new application and compliance requirements.

The T5000r integrates real world experience that readily adapts to emerging standards. The T5000r firmware can be upgraded to keep pace with new thermal bar code printing innovations and applications.

KEY FEATURES

- 32-bit processor for ultra-fast processing and throughput performance
- 32MB SDRAM memory and 8MB Flash with font and image storage capability
- 625m ribbon reduces downtime and supply cost
- Smart Ready design provides the migration path for future RFID implementation
- Embedded Zebra, TEC, Intermec, Sato and Datamax programming language support
- XML forms printing with embedded industry standard forms and templates
- Unicode with TrueType font support for worldwide compliance and local printing requirements
- Printronix Extensible Markup Language (PXML) interface enables real-time printer management and job control

GUARANTEED BAR CODE QUALITY

The T5000r delivers dependable and reliable bar code printing for compliance labeling and accommodates higher density bar codes, increased graphics or smaller text with snap-in print heads. When used in conjunction with ODV[™] technology (Online Data Validation), the T5000r provides verification of scannable bar codes at the point of label creation. Designed as RFID Smart Ready, the T5000r converts to an UHF RFID printer encoder as RFID requirements enter the supply chain. Combining bar code compliance and RFID technology the T5000r links bar code and EPC data together for storage, retrieval, electronic audits and data synchronization.



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BAL DDL YALURIUM Optimal Dupgrade the 1900001 to Kr10 with the following upgrade kit global frequency standards SUMP2 Kit Inscent 15300 Supprist EPGglobal Gen 2 standards Supprist EPGglobal Gen 2 standards Supprist EPGglobal Gen 2 standards Present 15300 Present 153000 Present 153000 <t< td=""><td></td><td>T5000r</td><td>Thermal transfer or direct transfer Industrial grade</td><td>Operator Controls Message Display</td><td>Off Line-On Line, Test Print, Job Select, Form Feed Menu, Cancel, Enter 32 character</td></t<>		T5000r	Thermal transfer or direct transfer Industrial grade	Operator Controls Message Display	Off Line-On Line, Test Print, Job Select, Form Feed Menu, Cancel, Enter 32 character	
NEMORY DEAM 32MB standard Flash Standard Printing (Composite Language (PCL) Zeron Graphics Language (PCL) Test (Composite Language (PCL) Test (PCL) T		Upgrade the T5000r to F SLMP2 Kit (Excludes 8" printers	Multi-protocol UHF encoder set to global frequency standards		code quality, overstrikes failed bar codes, and reprints a label	
Printable Width T5300-r6": 8 JPS @ 300 dpi (203mm/sec) T5208-R": 6 JPS @ 300 dpi (152mm/sec) T5308-R": 6 JPS @ 300 dpi (152mm/sec) T5308-R": 6 JPS @ 300 dpi (152mm/sec) T6407475304r) Optional JPDS over Ethernet, Twinax or Coax Printable Width 4.1° max (104mm) (T5204715304r) 6.6° max (164mm) (T5206715306r) Optional JPDS over Ethernet, Twinax or Coax Printable Width 4.1° max (104mm) (T5206715306r) Optional Tenet TN5250/TN3270 REID ENCODING (0FTIONAL UPERADE KIT) (schwas % printer (TS208/TS308r) Optional Tenet TN5250/TN3270 REID ENCODING (0FTIONAL UPERADE KIT) (schwas % printer (TS208/TS308r) Code 30, Code 128 (A, B, C), DATAMATRIX, LABLE, ROYALBAR, RS14, TELEPROLES (SC), TELESSEY, POSTER, POSTBAR, ROYALBAR, RS14, TELEPROLES AUSTPORT, JArte, BCAS, BCA12, CODABAR, Code 11, Code 35, Code 39, Code 23, Code 28 (A, Cole, TAN, KAKLABLE, AUSTPORT, JArte, BCAS, BCA12, CODABAR, Code 11, Code 35, Code 39, Code 28 (A, Cole, TAN, KAKLABLE, AUSTPORT, JArte, BCAS, BCA12, CODABAR, Code 11, Code 35, Code 39, Code 28 (A, Cole, TAN, KAKLABLE, AUSTPORT, JArte, BCAS, BCA12, CODABAR, Code 11, Code 35, Code 30, Code 31, Code 11, Code 35, Code 30, Code 31, Code 11, Code 35, Code 30, Code 32, Code 28 (A, Cole, THE, SCET ABATRA, ROYALBAR, RS14, TELEPROLES Operation Modes Wireless (ATTS047) Statistics Tracking Wireless (BC2, 116) InterPost InterPo	MALI	DRAM Flash PRINTING CHARACTERISTI	8MB standard (16MB optional) CS T5204r-4": 10 IPS @ 203 dpi (254mm/sec) T5304r-4": 8 IPS @ 300 dpi (203mm/sec)		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 – Extensible Mark-up Language	
Resolution 203/300 dpi (operator interchangeable) 4.1." max (104mm) (T5204/T5306r) Printable Width 4.1." max (104mm) (T5204/T5306r) 8.5" max (104mm) (T5206/T5306r) 8.5" max (104mm) (T5206/T5306r) 9.6" max (105mm) (T5206/T5306r) 9.6" max (105mm) (T5206/T5306r) 10" operation Modes 9.0 peration Modes <td>ш.,</td> <td>Printing Methods</td> <td>T5306r-6": 8 IPS @ 300 dpi (203mm/sec) T5208r-8": 8 IPS @ 203 dpi (203mm/sec) T5308r-8": 6 IPS @ 300 dpi (152mm/sec)</td> <td>PROTOCOLS</td> <td></td>	ш.,	Printing Methods	T5306r-6": 8 IPS @ 300 dpi (203mm/sec) T5208r-8": 8 IPS @ 203 dpi (203mm/sec) T5308r-8": 6 IPS @ 300 dpi (152mm/sec)	PROTOCOLS		
Class 0, 0+, 1, Gen 2 and Philips UCode 1.19 standardsOperation ModesWrite/Verify/Print – writes RFID data to tag and verifies contents are written correctly, while also printing the desired image the data to the next label Stop – when a bad RFID tag is detected, overstrike label and applies the data to the next label Stop – when a bad Rg 10 for user intervention number of bad tags detectedSENSING METHODS Transmissive, Reflective (Gap, Mark, Notch, Continuous Sensing Form)MEDIA COMPATIBILITY Media TypesRoll or fanfold Labels, tags and tickets Paper, film or synthetic stock Thermal Transfer or Direct Thermal 3.0" to 4.5" (T5206/rT5306r) 3.0" to 6.8" (T5206/rT5306r) 3.0" to 8.75" (T5206/rT5306r) 3.0" to		Resolution Printable Width RFID ENCODING (OPTIONAL	203/300 dpi (operator interchangeable) 4.1" max (104mm) (T5204r/T5304r) 6.6" max (168mm) (T5206r/T5306r) 8.5" max (216mm) (T5208r/T5308r) 	BAR CODE SYMBOLOGIES AVAILABLE AUSTPORT, Aztec, BC35, BC412, CODABAR, Code 11, Code 35, Code 39, Code 93, Code 128 (A,B,C), DATAMATRIX, EAN8, EAN13, FIM, 125GERMAN, Interleaved 2/5, ITF14, Matrix, MAXICODE, MSI, PDF417, PLANET, PLESSEY, POSTNET, POSTBAR, ROYALBAR,		
Error Handling Modeswhile also printing the desired image detected, overstrike - when a bad RFID tag is detected, overstrikes label and applies the data to the next label Stop - when a bad tag is detected, stops the printer to allow for user intervention runwber of tags written to and number of tags written to and number of bad tags detectedNTERFACES StandardNTERFACES RS232 Serial LEEE 1284 (Centronics) USB 2.0MEDIA COMPATIBILITY Media TypesRoll or fanfold Labels, tags and tickets Paper, film or synthetic stock Thermal Transfer or Direct Thermal 2.0° to 6.8° (T5206r/T5306r) 3.0° to 8.75° (T5208r/T5308r)Roll or fanfold Label Strip tea-off 2.0° to 6.8° (T5206r/T5306r) 3.0° to 8.75° (T5208r/T5308r)OCRA, OCRB, Courier, Letter Gothic, CG Triumvirate Bold Condensed CG Trium		Class 0, 0+, 1, Gen 2 ar	Class 0, 0+, 1, Gen 2 and Philips UCode 1.19 standards Depration Modes Write/Verify/Print – writes RFID data to tag		UPCSHIP, UPS11 SENSING METHODS	
MEDIA COMPATIBILITY Media TypesRoll or fanfold Labels, tags and tickets Paper, film or synthetic stock Thermal Transfer or Direct Thermal 3.0" to 8.75" (T5208r/T5306r) 3.0" to 8.75" (T5208r/T5308r)FONTS, GRAPHICS SUPPORT, WINDOWS DRIVERS FontsMedia Width1.0" to 4.5" (T5204r/T5304r) 2.0" to 6.8" (T5206r/T5306r) 3.0" to 8.75" (T5208r/T5308r)FontsOCRA, OCRB, Courier, Letter Gothic, CG Triumvirate Bold CondensedMedia Thickness0.0025" to 0.010" 3.0" to 8.75" (T5208r/T5308r)Character Set Wicrosoft Windows NT/2000/XPUnicode with TrueType font support Graphic Support PCX, BMP and TIFF file formatsMedia Thickness0.0025" to 0.010" 3.0" to 6.8" (T5206r/T5306r) 3.0" to 6.8" (T5206r/T5306r) 3.0" to 6.8" (T5208r/T5308r)Character Set Wicrosoft Windows NT/2000/XPMedia Hanbulng Character Ribbon - Maximum Ribbon Length1.0" to 4.33" (T5204r/T5304r) 2.0" to 6.8" (T5206r/T5306r) 3.0" to 8.75" (T5208r/T5308r)90-264 VAC (48-62Hz) PFC 150 watts (typical)Media Hanbulng Character Ristics Tear-Off Continuous Cut Label strips tear-off Label strips tear-off Continuous Cut Label cut to length Peel-OffIndividual label tear-off Label strips tear-off Label strips tear-off Label strips tear-off Label peel and presentMedia Continuously CutLabel cut to length 40lbs/49lbs (T5206r/T5306r) 15.4" W x 20.5" L x 13.0" H (T5206r/			while also printing the desired image Overstrike – when a bad RFID tag is detected, overstrikes label and applies the data to the next label Stop – when a bad tag is detected, stops the printer to allow for user intervention Tracks number of tags written to and	INTERFACES Standard	RS232 Serial IEEE 1284 (Centronics) USB 2.0 Ethernet (supports PrintNet Enterprise and PXML) Wireless (802.11b)	
Paper, film or synthetic stock Thermal Transfer or Direct Thermal 1.0" to 4.5" (T5204r/T5304r) 2.0" to 6.8" (T5206r/T5306r) 3.0" to 8.75" (T5208r/T5308r)Point S. GRA, OCRB, Courier, Letter Gothic, CG Tirumvirate Bold Condensed CG Triumvirate Bold Condensed Unicode with TrueType font support 90-264 VAC (48-62Hz) PFC 150 watts (typical) FCC-B, UL, CSA, ETSI EN 300 220, CEMedia Width1.0" to 4.33" (T5204r/T5304r) 2.0" to 6.8" (T5206r/T5306r) 3.0" to 8.75" (T5208r/T5306r) 3.0" to 8.75" (T5208r/T5308r)Power Requirements Vindows DriversMedia Thickness Maximum Roll Diameter - Ribbon - Ribbon width (min/max)1.0" to 4.33" (T5204r/T5304r) 2.0" to 6.8" (T5206r/T5306r) 3.0" to 8.75" (T5208r/T5308r)Power Consumption Regulatory CompliancePower Consumption FCC-B, UL, CSA, ETSI EN 300 220, CEMEDIA HANDLING CHARACTERISTICS Tear-Off Continuous Cut Label strips tear-off Label strips tear-off Label strips tear-off Label peel and presentPrinter Weight/Shipping Weight Albipping Weight5" W 20.5" L x 13.0" H (T5208r/T5308r) 15.4/40 lbs (T5204r/T5304r) 13.4" W x 20.5" L x 13.0" H (T5208r/T5308r)			Roll or fanfold		Coax/Twinax	
Maximum Roll Diameter Thermal Transfer Ribbon -Ribbon Width (min/max)8.0" (20.9 cm) 1.0" to 4.33" (T5204r/T5304r) 2.0" to 6.8" (T5206r/T5306r) 3.0" to 8.75" (T5208r/T5308r)POWER REQUIREMENTS Line Input Power Consumption Regulatory Compliance90-264 VAC (48-62Hz) PFC 150 watts (typical) FCC-B, UL, CSA, ETSI EN 300 220, CE-Maximum Ribbon Length625mPOWER REQUIREMENTS Dower Consumption Regulatory Compliance90-264 VAC (48-62Hz) PFC 150 watts (typical) FCC-B, UL, CSA, ETSI EN 300 220, CEMEDIA HANDLING CHARACTERISTICS Tear-Off Continuous Cut Cut Cut Label sprint continuously Cut Cut Cut Cut Cut Cut Cut Cut Cut Cut Cut Cut Cut Cut Cut Cut Cut Cut Cut 		Media Thickness	Paper, film or synthetic stock Thermal Transfer or Direct Thermal 1.0" to 4.5" (T5204r/T5304r) 2.0" to 6.8" (T5206r/T5306r) 3.0" to 8.75" (T5208r/T5308r) 0.0025" to 0.010"	Fonts Character Set Graphic Support	OCRA, OCRB, Courier, Letter Gothic, CG Times, CG Triumvirate, CG Triumvirate Bold, CG Triumvirate Bold Condensed Unicode with TrueType font support PCX, BMP and TIFF file formats	
MEDIA HANDLING CHARACTERISTICSOperating Temperature5°C to 40°CTear-OffIndividual label tear-offDimensions11.7" W x 20.5" L x 13.0" H (T5204r/T5304r)Tear-Off StripLabel strips tear-offDimensions13.4" W x 20.5" L x 13.0" H (T5206r/T5306r)ContinuousLabels print continuouslyPrinter Weight/Shipping Weight37lbs/46lbs (T5204r/T5304r)CutLabel cut to lengthPrinter Weight/Shipping Weight37lbs/46lbs (T5204r/T5306r)Peel-OffLabel peel and present40lbs/49lbs (T5208r/T5308r)		Maximum Roll Diameter Thermal Transfer Ribbon	8.0" (20.9 cm) 1.0" to 4.33" (T5204r/T5304r) 2.0" to 6.8" (T5206r/T5306r)	Line Input Power Consumption	150 watts (typical)	
MEDIA HANDLING CHARACTERISTICSTear-OffIndividual label tear-offTear-Off StripLabel strips tear-offContinuousLabels print continuouslyCutLabel cut to lengthPeel-OffLabel peel and present		-Maximum Ribbon Length 625m				
		Tear-Off Tear-Off Strip Continuous Cut	Individual label tear-off Label strips tear-off Labels print continuously Label cut to length Label peel and present	Operating Temperature Dimensions	5°C to 40°C 11.7" W x 20.5" L x 13.0" H (T5204r/T5304r) 13.4" W x 20.5" L x 13.0" H (T5206r/T5306r) 15.4" W x 20.5" L x 13.0" H (T5208r/T5308r) 37lbs/46lbs (T5204r/T5304r) 40lbs/49lbs (T5206r/T5306r)	

Printronix offers a wide selection of RFID label sizes and inlay designs as well as thermal transfer ribbons. To learn more about RFID labels and supplies or to place an order, visit www.rfid.printronix.com or call 800-733-1900.



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Required for peel and present, not recommended for batch rewind

Cuts labels after printing specified number of labels

of RFID labels



MEDIA HANDLING OPTIONS Rewinder

Cutter Kit