

T5000^r RFID PRINTERS

T5000^r Thermal transfer or direct transfer
Industrial grade
RFID field upgradeable

FIELD UPGRADE KIT

Upgrade your thermal printer to RFID with the following upgrade kit

SLMP Kit Multi-protocol UHF encoder set to global frequency standards
Supports EPCglobal Class 0, 0+, 1, Gen 2 and Philips 1.19 standards*

(Excludes 8" printers (T5208^r/T5308^r))

* Compatibility with future EPCglobal Class 1 Gen 2 standard through firmware upgrade. Please contact Printronix or a Printronix Certified RFID Integrator for availability.

PRINTING CHARACTERISTICS

Print Speed T5204^r-4": 10 IPS @ 203 dpi (254mm/sec)
T5304^r-4": 8 IPS @ 300 dpi (203mm/sec)
T5206^r-6": 10 IPS @ 203 dpi (254mm/sec)
T5306^r-6": 8 IPS @ 300 dpi (203mm/sec)
T5208^r-8": 8 IPS @ 203 dpi (203mm/sec)
T5308^r-8": 6 IPS @ 300 dpi (152mm/sec)

Printing Methods Thermal transfer or direct thermal
Resolution 203/300 dpi (operator interchangeable)
Printable Width 4.1" max (104mm) (T5204^r/T5304^r)
6.6" max (168mm) (T5206^r/T5306^r)
8.5" max (216mm) (T5208^r/T5308^r)

RFID ENCODING (OPTIONAL UPGRADE KIT) (Excludes 8" printers (T5208^r/T5308^r))

UHF encoder set to global frequency standards
Supports EPCglobal Class 0, 0+, 1, Gen 2 and Philips 1.19 standards

Operation Modes Write/Verify/Print – write RFID data to tag and verifies contents are written correctly, while also printing the desired image
Error Handling Modes 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
Statistics Tracking Tracks number of tags written to and number of bad tags detected

MEDIA HANDLING CHARACTERISTICS

Tear-Off Individual label tear-off
Tear-Off Strip Label strips tear-off
Continuous Labels print continuously
Cut Label cut to length
Peel-Off Label peel and present (peel-off mode requires rewind option)

MEDIA HANDLING OPTIONS

Rewinder Required for peel and present. Not recommended for batch rewind of RFID labels
Cutter Kit Cuts labels after printing specified number of labels

MEDIA COMPATIBILITY

Media Types Roll or fanfold
Labels, tags and tickets
Paper, film or synthetic stock
Thermal Transfer or Direct Thermal
Media Width 1.0" to 4.5" (T5204^r/T5304^r)
2.0" to 6.8" (T5206^r/T5306^r)
3.0" to 8.75" (T5208^r/T5308^r)
Media Thickness 0.0025" to 0.010"
Roll Core Diameter 3.0" (7.6 cm)
Maximum Roll Diameter 8.0" (20.9 cm)
Thermal Transfer Ribbon -Ribbon Width Acceptable 1.0" to 4.33" (T5204^r/T5304^r)
2.0" to 6.8" (T5206^r/T5306^r)
3.0" to 8.75" (T5208^r/T5308^r)
-Standard Ribbon Length 625m

OPERATOR CONTROLS & INDICATORS

Operator Controls Off Line-On Line, Test Print, Job Select, Form Feed Menu, Cancel, Enter
Message Display 32 character
Indicators Off Line-On Line, Menu

BAR CODE VALIDATION

Optional Online Data Validation (ODV) - verifies bar code quality, overstrikes failed bar codes, and a replacement label is printed.

PROGRAMMING LANGUAGES

Standards Printronix Graphics Language (PGL)
Zebra Graphics Language (ZGL)*
TEC Graphics Language (TGL)*
Intermec Graphics Language (IGL)*
Sato Graphics Language (STGL)*

*Printer Protocol Interpreters for ZPL, TEC, IPL and Sato with RFID commands for ZPL and Sato only

Optional IPDS over Ethernet, Twinax or Coax

PROTOCOLS

Optional Telnet TN5250/TN3270

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, RSS14, TELEPEN, UCC/EAN-128, UPC-A, UPC-E, UPC-EO, UPCSHIP, UPS11

SENSING METHODS

Transmissive, Reflective (Gap, Mark, Notch, Continuous Sensing Form)

INTERFACES

Standard RS232 Serial
IEEE 1284 (Centronics)
USB 2.0
Optional Ethernet (includes PrintNet Enterprise Software CD)
Wireless (802.11b) (includes PrintNet Enterprise Software CD)
Coax/Twinax
GPIO (General Purpose Input/Output)

FONTS, GRAPHICS SUPPORT, WINDOWS DRIVERS

Fonts OCRA, OCRB, Courier, Letter Gothic, CG Times, CG Triumvirate, CG Triumvirate Bold, CG Triumvirate Bold Condensed
Graphic Support PCX, BMP and TIFF file formats
Windows Drivers Windows NT/2000/XP

MEMORY

DRAM 32Mb standard
Flash 8Mb standard (16Mb optional)

POWER REQUIREMENTS

Line Input 90-264 VAC (48-62Hz) PFC
Power Consumption 150 watts (typical)
Regulatory Compliance FCC-B, UL, CSA, ETSI EN 300 220, CE

ENVIRONMENTAL CONSIDERATIONS

Operating Temperature 5°C to 40°C
Dimensions 11.7" W x 20.5" L x 13.0" H (T5204^r/T5304^r)
13.4" W x 20.5" L x 13.0" H (T5206^r/T5306^r)
15.4" W x 20.5" L x 13.0" H (T5208^r/T5308^r)
Printer Weight/Shipping Weight 37lbs/46lbs (T5204^r/T5304^r)
40lbs/49lbs (T5206^r/T5306^r)
43lbs/52lbs (T5208^r/T5308^r)

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