

HIGH SPEED, ENCODE, PRINT AND APPLY

SMARTLINE SLPA8000r



INDUSTRY LEADING BAR CODE LABEL APPLICATOR

The SLPA8000r has been developed specifically for high-speed production and distribution environments. Using "Next-Out" encoding, this high-speed printer applicator can verify, encode, print and apply 100% good tags, at speeds in excess of 100 labels per minute.

The industry-leading patented tag management system has provided users with the most reliable, cost effective method of applying only 100% readable tags to products,

while collecting defective tags on the rewind mechanism for post-mortem.

Unlike traditional OEM engine models the SLPA8000r provides a unique Single System Interface that consolidates both printer and applicator controls while providing messages on system status, tamp errors and more. Users also gain complete visibility to the printer applicator system to monitor and manage their application process from data transmission to label application.

RFID READY

The SLPA8000r also includes the largest library of UHF RFID tags for EPCglobal Gen 2 and ISO specifications and is available in an RFID Ready version, the LPA8000r, for traditional bar code applications. The upgrade kit gives users the confidence to upgrade to RFID in the future – at the user's site – reducing downtime.

HIGH SPEED LABEL APPLICATION

Fast-tamp cylinder is capable of delivering in excess of 100 cases per minute

100% READABLE TAGS

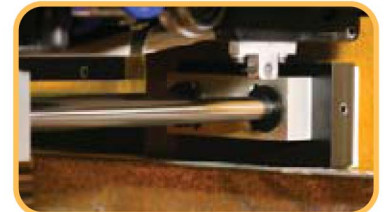
Delivered with a patented tag management system

FIELD UPGRADEABLE TO RFID

The LPA8000r bar code Label Printer Applicator is upgradeable to RFID, at the facility – reducing downtime

EPCGLOBAL GEN 2 COMPLIANT HARDWARE

Built with industry leading MP2 encoding platform for proven reliable RFID performance; interoperable with over 40 tags



SLPA8000r SMART LABEL PRINTER APPLICATOR

SLPA8000r Multi-protocol support for Class 0, 0+, 1, Gen 2 and Philips 1.19 915MHz UHF encoder

LPA 8000 RFID READY UPGRADE KIT

Includes multi-protocol encoder to upgrade the LPA 8000r to the SLPA8000r at the user's facility

APPLICATOR CYCLE TIMES*

4x1 Label Size .545 sec (max 110 labels/min)
 4x2 Label Size .600 sec (max 100 labels/min)

*The system throughput may vary due to bad tag processing and material handling environments

PRINTING CHARACTERISTICS

Print Speed 10 IPS @ 203DPI (254mm/sec)
 8 IPS @ 300DPI (203mm/sec)
 Printing Methods Thermal transfer or direct thermal
 Resolution 203/300 DPI (operator interchangeable)
 Printable Width 4.1" max

RFID ENCODING MODES

Integrated RFID reader and antenna assembly

Supports Class 0, 0+, 1, Gen 2 and Philips 1.19 tags

Operation Modes Write/Verify/Print – writes RFID data to tag and verifies contents are written correctly, while also printing the desired image

Error Handling Modes Overstrike – as bad RFID tag is detected, overstrikes the label and prints and encodes the data onto the next label and then applies

Statistics Tracking Tracks number of tags written to and number of bad tags

MEDIA COMPATIBILITY

Ribbon 625m length
 4" width
 Model 8500 premium wax formulation
 Media Width 3.0" to 4.5"
 Max Roll Size 3" ID x 12" OD
 Max Label Length 6"
 Min Label Length 2"
 Max Media Width 4.5" (112mm)
 Method of Detection Label gap, hole, black mark

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

Options XML – Extensible Mark-up Language

OPERATOR CONTROLS AND 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 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-E0, UPCSHIP, UPS11

SENSING METHODS

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

INTERFACES

Standard RS232 Serial
 IEEE 1284 (Centronics)
 USB 2.0
 General Purpose I/O - 8 inputs, 8 outputs, 4 relays available for connection to user's material handling system and external devices
 Ethernet (supports PrintNet® Enterprise or PXML)
 Wireless (802.11b) (supports PrintNet Enterprise or PXML)
 Optional



FONTS, GRAPHICS SUPPORT, WINDOWS DRIVERS

Fonts OCRA, OCRB, Courier, Letter Gothic
 CG Triumvirate Bold Condensed
 Graphic Support PCX and TIFF file formats
 Windows Drivers Microsoft Windows 95/98/2000/XP

MEMORY

DRAM 32Mb standard
 Flash 8Mb standard

UTILITIES / ENVIRONMENTAL REQUIREMENTS

Line Input 115/120 switchable
 Power Consumption 235 watts (typical)
 Regulatory Compliance FCC-B
 Compressed Air 80 to 100 PSI, 1/4" NPT connector, 3-5 SCFM
 Operating Temperature 5°C to 40°C
 Humidity Max 85% RH, Non Condensing
 Dimensions 29.0625" L x 17" W x 24.5" H
 Weight 96lbs (43.6 kg)

RFID HANDLING

Frequency 902-928 MHz for North America
 869.525 MHz (ETSI EN3000.220) for European Union
 Encoder Upgradeable

PRINTER ORIENTATION

Factory configurable display in 90° rotation increments accommodates common printer orientations: nose down, nose up, bottom apply, top apply and horizontal



© 2006 Printronix, Inc. All rights reserved. Printronix, ThermaLine, PrintNet, PSA, LaserLine, PGL, IGP, T5000e, T5000r, SmartLine, RFID Smart, SDLK, SLP, SLPP, SLPA, ODV, ODV Data Manager, SMT, 5r, SL5000e, SL5000r, SLPA8000r and P8000 are trademarks or registered trademarks of Printronix, Inc. Microsoft, Windows, and the Windows logo are trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries. All other trademarks, product names, and company names or logos herein, are the property of their respective owners. Printronix, Inc. utilizes "green" packaging for optimal recycling. Product appearance and/or specifications are subject to change without notice. PTX-415 (9/06)

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.primtronix.com or call 800-733-1900.