

# HIGH SPEED, ENCODE, PRINT AND APPLY

SMARTLINE SLPA8000<sup>r</sup>



## 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

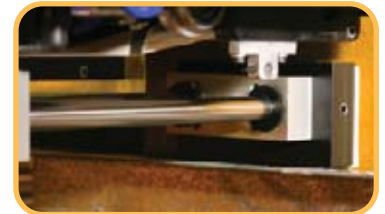
Delivered with a patented tag management system

### 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



**SLPA8000<sup>r</sup> 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

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](http://www.rfid.primtronix.com) or call 800-733-1900.



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