



# 5r

## MULTI-TECHNOLOGY PLATFORM

*leadership by design*

### SCALABLE

Multi-protocol capability includes support for the latest Gen 2 standard as well as Class 0, 0+, 1 and Philips UCode 1.19

### INNOVATIVE

Integrated multi-protocol encode, print and apply system for up to 60 labels per minute

### BEST OF BREED

EPCglobal Gen 2 certified encoding with FCC-B compliance

### BUILT FOR CHANGE

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

### SMART

Intelligent tag management system identifies and overstrikes defective smart labels



## THE MARKET LEADING, RFID ENCODE, PRINT AND APPLY SMART LABEL APPLICATOR

The SLPA7000r™ MP2 delivers true Gen 2 RFID encoding designed to EPCglobal Gen 2 specifications. The MP2 is the leading encoding technology on the market today with EPCglobal Gen 2 Certified Hardware. Based on the Printronix 5r Multi-Technology Platform, in conjunction with FoxIV's best-in-class Uniwall application design, the SLPA7000r MP2 meets faster throughput requirements for both RFID and non-RFID automated labeling within manufacturing and distribution environments. Through *leadership by design*, the

SLPA7000r MP2 adapts to the growing array of Gen 2 tags without compromising Gen 1 support and performance. Combined with its patented intelligent tag management system, the SLPA7000r has become the market leader in RFID encode, print and apply.



### KEY FEATURES

- Performance levels up to 60 labels per minute
- The only encode, print and apply system to prove interoperability at the EPCglobal Interoperability Test, compatible with multiple RFID technology suppliers
- Integrated EPCglobal certified multi-protocol UHF RFID encoder meets global frequency requirements
- Intelligent Media Detection prevents non-RFID print jobs from printing on RFID labels, avoiding unnecessary expense
- Advanced RFID calibration with tag profiling, custom tag configurator and auto inlay locator for easy configuration and versatile media throughput
- Field-upgradeable XML forms printing option with embedded industry standard forms and templates
- Printronix Extensible Markup Language (PXML) interface enables real-time printer and job control

### ASSET PROTECTION

The SLPA7000r MP2 is expandable and upgradeable – providing long-term capabilities for supply-chain requirements and reducing the risk of obsolescence. Built on the MP2 RFID Smart™ encoding technology, the SLPA7000r MP2 offers a foundation for protocol upgradeability and expansion through firmware updates.

## SLPA7000r SMART LABEL PRINTER APPLICATOR

SLPA7000r Multi-protocol support for Class 0, 0+, 1, Gen 2 and Philips 1.19 915MHz UHF encoder

### PRINTING CHARACTERISTICS

Print Speed 10 IPS\* @ 203DPI (254mm/sec)  
8 IPS\* @ 300DPI (203mm/sec)  
\* the system throughput may vary due to bad tag processing

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

### 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

### 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 ZPL and Sato only

Options XML – Extensible Mark-up Language

### 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

Optional Ethernet (supports PrintNet® Enterprise or PXML)  
Wireless (802.11b) (supports PrintNet Enterprise or PXML)



### FONTS, GRAPHICS SUPPORT, WINDOWS DRIVERS

Fonts OCRA, OCRB, Courier, Letter Gothic  
CG Triumvirate Bold Condensed  
PCX and TIFF file formats

Graphic Support

Windows Drivers Microsoft Windows 95/98/2000/XP

### MEMORY

DRAM 32Mb standard

Flash 8Mb standard

### UTILITIES / ENVIRONMENTAL REQUIREMENTS

Line Input 88-240 VAC, PFC

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

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



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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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