

# RX500 Color RFID Label & Tag Printer

**NEW!**



## **RX500, new from Primera, is a desktop full-color RFID label and tag printer.**

It utilizes the latest in ultra high-resolution color inkjet technology to produce labels and tags at speeds of up to 2.5" (63.5mm) per second and up to 4.25" (108mm) wide.

Built-in, automatic RFID encoding makes it ideal for applications that need both color and RFID, including file folders, asset tracking, retail & apparel tags, data storage tapes, lab specimens, wristbands, identification and visitor badges, pharmaceuticals and much more.

The integrated UHF reader/encoder is supplied by RFID industry leader Honeywell®. It supports EPC Global Class 1 Gen 2 as well as ISO 18000 -6B and -6C.

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## Fast and Reliable On-Demand RFID Printing

RX500 is a true on-demand printer, which means that it prints, encodes, verifies and dispenses labels one at a time or hundreds at a time. You can make exactly the number of full-color RFID labels and tags you need when and where you need them.



Applications including evidence bags, data storage media, wristbands and pharmaceuticals can all benefit from both high-resolution color printing and RFID technology.

### Features:

**Built-in UHF reader/encoder from Honeywell®** – for reliable, consistent reading and writing of RFID inlays.

**4800 dpi print resolution** – produces true photo-quality output along with ultra-sharp text, full-color graphics and high-resolution linear and 2D bar codes.

**Single, high capacity ink cartridge** – allows you to simplify inventory management and print head maintenance.

**Adjustable antenna position and variable gain** – allows radio signals to be perfectly read and encoded on a single label at a time with no overbleeding.

**Many substrates available** – including water-resistant paper, polyester and polypropylene.

**Small footprint and light weight** – save desktop space and transport RX500 with ease.

**Compatible with Windows® 7/8x/10+** – allows easy integration with industry standard and custom third-party software solutions.

### The Price/Performance Leader

Primera is one of the world's leading manufacturers of specialty printers. With well over a million inkjet, thermal transfer, dye-sublimation and dot-matrix printers built, you can be confident that Primera's printers will deliver years of reliable performance.



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### Technical Specifications

<b>Print Method:</b>	Thermal inkjet
<b>Print Resolution:</b>	Up to 4800 dpi
<b>Print Speed:</b>	2.5" per second max
<b>Ink Cartridge:</b>	Single high capacity Cyan, Magenta, Yellow ink cartridge; process black
<b>Colors:</b>	16.7 million
<b>Color Matching:</b>	ICC color profile included
<b>RFID Module:</b>	Compliant with EPC Global Class 1 Gen 2 and ISO 18000 -6B and -6C
<b>Max. Print Width:</b>	4.25" (108mm)
<b>Media Types:</b>	Roll-fed pressure-sensitive labels, roll-fed tags, fan-fold labels or tags
<b>Media Sensing:</b>	Moveable see-through sensor for die-cut labels; reflective sensor for labels and tags with black stripe; can use continuous and pre-printed labels and tags
<b>Supply Roll:</b>	5" (127mm) maximum diameter on 2" (50.8mm) core
<b>Ink Level Warning:</b>	Calculates actual number of prints remaining based upon ink usage of graphics being printed
<b>Indicator Lights:</b>	Power, Pause, Ink
<b>Controls:</b>	Pause, Feed, Unload
<b>Operating Systems:</b>	Windows® 7/8x/10+
<b>Data Interface:</b>	USB 2.0
<b>Label Design Software:</b>	Seagull Scientific BarTender® UltraLite Version included; can also be used with most other popular label design and graphics programs; RFID-capable Windows printer driver
<b>Electrical Rating:</b>	12VDC, 5.0A
<b>Power Requirements:</b>	100-240VAC, 50/60 Hz, 60 watts
<b>Certifications:</b>	UL, UL-C, CE, FCC Class B
<b>Weight:</b>	7lbs (3.2 kg)
<b>Dimensions:</b>	10.4"W x 15.3"D x 7.1"H (closed), 17.4"H (open) 264mmW x 389mmD x 180mmH(closed), 442mmH (open)