

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

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