

RX500 Color RFID Label & Tag Printer



- Short-run color RFID printing
- Prints up to 4.25" wide
- Up to 2.5"/sec + 1-2 sec for encoding
- 4800 dpi full-color printing
- Print & encode in a single machine

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RX500 is the only desktop full-color RFID label and tag printer that's fully integrated. 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.

Why integrate RX500 in your system?

- 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.

Specifications

Print Method:	Inkjet
Print Resolutions:	4800 x 1200 dpi, 1200 x 1200 dpi, 600 x 600 dpi
Ink Cartridge:	Color (CMY)
Colors:	16.7 million
Color Matching:	Z-Color™ Color Matching Software
Print Width:	0.75" (19mm) to 4.25" (101.6mm)
Print Length:	0.75" (19mm) to 24" (609.6mm)
Media Width:	1" (25.4mm) to 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 for labels and tags with black stripe; Continuous label stock; Preprinted label stock.
Supply Roll:	5" (127mm) maximum diameter on 2" (50.8mm) core. Core has additional restrictions - see manual.
Ink Level Warning:	Calculates actual number of prints remaining based upon ink usage of graphics being printed (patent-pending)
Indicator Lights:	Power, Ink
Controls:	Pause, Load/Feed, Unload
Operating Systems:	Windows® 7/8/10+ Mac OS X 10.9+
Recommended Minimum System:	For PC: Pentium® IV computer or better, 512MB RAM, 5GB free hard drive space, USB port
	For Mac: 1 GHz Intel processor or higher, capable of running Mac OS X v10.7 or higher, 1GB RAM, one available USB port
Label Design Software:	BarTender UltraLite Primera Edition included for PC Only. Can also be used with most other popular label design and graphics software programs.

Electrical Rating:	12VDC, 5.0A
Power Requirements:	100-240VAC, 50/60 Hz, 60 watts
Certifications:	UL, UL-C, CE
Weight:	7.0 lbs. (3.2 kg)
Dimensions:	10.4"W x 15.3"D x 7.1"H (closed), 17.4"(open) 264mmW x 389mmD x 180mmH (closed), 442mmH (open)
Options:	Ink Cartridge, Tri-Color #53374 or #53376(slower speed). LX500 #74273 LX500c #74275 (w/ cutter)
Included:	Bartender Ultralite software for Windows, 4"X3" Tuffcoat™ High-Gloss Paper starter roll and starter tri-color cartridge.

Label Specifications

	Max	Min
Label width:	4.25" (107.95mm)	.75" (19.05mm)
Liner/media width:	4.375" (111.13mm)	1.5" (38.1mm)
Label height/length:	17" (431.8mm)	0.75" (19.05mm)
Gap between labels:	10" (254mm)	0.10" (2.5mm)
Width of thru-hole opening:	0.5" (12.7mm)	0.25" (6.325mm)
Distance from edge of media to edge of thru-hole:	2.25" (57mm)	0.20" (5.06mm)
Reflective/Black Mark Width*:	N/A	0.1" (2.54mm)
Max Outer Diameter (OD):	5.0"(127mm)	N/A
Inner Core Diameter (ID):	2.0" (50.8mm)	N/A
Total Thickness (Liner + Label)**:	0.010" (10 mil)	N/A
Distance from edge of media to edge of label:	Printer driver assumes 2 mm gap. However, this is adjustable via the left margin offset.	