RX500e Color RFID Label & Tag Printer

Full-colour RFID label and tag printer from Primera

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

Built-in, automatic RFID encoding makes it ideal for applications that need both colour 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.

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

Technical Specifications

Print Method:	Thermal inkjet
Print Resolution:	Up to 4800 dpi
Print Speeds:	63.5 mm (2.5") per second max
Ink Cartridge:	Single high capacity Cyan, Magenta, Yellow (CMY) ink cartridge; process black
Colours:	16.7 million
Colour Matching:	ICC colour profile included
RFID Module:	Compliant with EPC Global Class 1 Gen 2 and ISO 18000 -6B and -6C
Max. Print Width:	108 mm (4.25")
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
Supply Roll:	127 mm (5") maximum diameter on 50.8 mm (2") core
Ink Level Warning:	Calculates actual number of prints remaining based upon ink usage of graphics being printed
Indicator Lights:	Power, Ink
Controls:	Pause, Load/Feed, Unload
Cutter:	Built-in guillotine cutter
Operating Systems:	Windows® 7/10+
Data Interfaces:	USB 2.0
Label Design Software:	BarTender UltraLite Primera Edition and NiceLabel Free 2019 DTM Version included. Both ideal for designing the labels. Upgrade to BarTender Professional or any other software your choice for RFID encoding capability.
Electrical Rating:	12 V DC, 5.0 A
Power Requirements:	100-240 V AC, 50/60 Hz, 60 watts
Certifications:	UL, UL-C, CE, FCC Class B
Weight:	3.2 kg (7 lbs)
Dimensions (WxDxH):	Closed: 264 mm x 389 mm x 180 mm (10.4" x 15.3" x 7.1") Open: 264 mm x 389 mm x 442 mm (10.4" x 15.3" x 17.4")
Manufacturer:	Primera Technology Inc.

Fast and Reliable On-Demand RFID Printing

RX500e 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-colour RFID labels and tags you need when and where you need them.

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-colour graphics and high-resolution linear and 2D bar codes.

Single, high capacity ink cartridge – allows you to simplify inventory management and skips 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.

Small footprint and light weight – save desktop space and transport RX500e with ease.

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

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