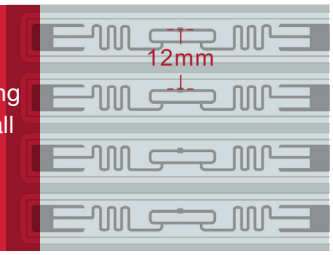
TXr Series

RFID BARCODE LABEL PRINTER

RUGGED PARTS
DURABLE MACHINES
RFID ENCODING & PRINTING



Precise positioning allows super small labels' R/W

Innovative antenna module design R/W after thermal printing

RFID anti-metal tag's R/W and printing

Intellectually finds the antenna position by one button press

ACHIEVE TOP PERFORMANCE WITH INNOVATION IN RFID PRINTER

The innovative structural design and utility functions of RFID printing technologies make the TXr Series printer an outstanding choice for RFID printing solutions, allowing great productivity and convenience increase for various UHF RFID printing needs.

Original RFID antenna technique that's Reading/Writing RFID tags after printing, helps you to recognize every single bad label, which provides a reliable solution for automatic sorting process or system. And it offers high compatibility, brilliant print quality in a variety of tags with a minimum inlay space of 12mm or attachable to metal objects that refers to RFID anti-metal tags, which can cover a broad range of printing needs and helps your business save on related cost.

BENEFITS

Original RFID antenna technique that's Reading/Writing RFID tags after printing, helps you to recognize every single bad labels and then reprinting, which ensures reliable process for automatic sorting system by excluding bad tags.

Enable the antenna to precisely detect tag and optimum writing position that can read and write RFID tags with the minimum inlay space of 12mm, as well as support RFID anti-metal tags' R/W and printing, which brings great compatibility to various applications and solutions.

Correctly finds the antenna position and the optimum writing position for RFID tags by just one button press.

Supports on various types of labels, and not wasting the first label – A great saving!

SPECIFICATIONS

Model	TX2r	TX3r
Printing Mode	Direct Thermal and Thermal Transfer	
RFID	Integrated UHF Reader/ Encoder, EPC Gen 2 Class 1/ ISO 18000-6C	
Printing Resolution	203 dpi	300 dpi
Max Printing Speed	10 ips (254 mm/s)	8 ips (203.2 mm/s)
Max Printing Width	4.09″ (104 mm)	4.17″ (106 mm)
Max Printing Length	157″ (4000 mm)	79″ (2000 mm)
HEAT™ Level①	I	I
Media	Width: 4.56″ (116 mm) max., 0.39″ (10 mm) min. OD: 8″ (203.2 mm) max., ID: 1.5 (38 mm) / 3″ (76.2 mm)	
Minimum Label Length	Tear-off: 0.20″ (5 mm) Cutter: A150/A400: 0.79″ (20 mm)	
Media Thickness	Regular Barcode Label Printer and Regular RFID Label Printer: 0.0024″ ~ 0.012″ (0.06 ~ 0.305 mm), including liner Mount-on-Metal RFID Label Printer②: 0.063″ (1.6 mm) max., including liner	
Ribbon	Width: 4.65″ (118 mm), Length: 1968′ (600 m), OD: 3.3″ (84 mm) max., ID: 1″ (25.4 mm); Ink side: both In and Out.	
Memory	8 MB FLASH ROM, 16 MB SDRAM	
Media Sensor	Upper Reflective (Adjustable), Lower Reflective (Adjustable) and Transmissive (Adjustable)	
Fonts	Five built-in dot matrix ASCII fonts, user-downloadable TrueType Fonts	
Bar Code Types	1D Barcode: Code 39, Code 93, Code 128/subset A, B, C, Codabar, Interleave 2 of 5, UPC A/E 2 and 5 add-on, EAN-13/8/128, UCC-128, etc. 2D Barcode: MaxiCode, PDF417, Data Matrix, QR Code, CS Code, etc.	
Interfaces	RS-232 Serial, 10/100 M Adaptive Ethernet, USB DEVICE 2.0, USB HOST, Centronics Parallel	
LCD Display	Graphic Dot Matrix	
Power Source	100 ~ 240 V, 50/60 Hz, 3.5 A	
Weight	33.06 lbs (15 kgs)	
Dimensions	W 11.3″ (286 mm) x D 17.6″ (448 mm) x H 10.7″ (271 mm)	
Operating Environment	Temperature: 32°F ~ +104°F (0℃ ~ 40℃) Relative humidity: 5% ~ 90% non condensing	
Storage Environment	Temperature: -40°F ~ +140°F (-40℃ ~ 60℃)d Relative humidity: 5% ~ 90% non condensing	
Optional Items	Wi-Fi, Bluetooth, Rotary Cutter, External Label Rewinder	

① HEAT™, or Heating Equilibrium Adaptive Tuning, is a POSTEK designed and developed cutting-edge technology that sets the benchmark for heat management in thermal printing. Printers equipped with HEATTM have significant improvements in their printout clarity and print speed. The HEATTM level represents the fineness of the heating uniformity with level I being the finest.

② For Mount-on-Metal RFID tags, the flexibility of the tag and whether or not to use fillings to bridge the gaps between tags can affect print quality and even encoding success rate. It is strongly recommended to test the tags on this POSTEK printer before purchasing.

APPLICATIONS

Automobile Manufacturing
Consumer Goods
Financial Services
Retail Store Operations
Logistics & Warehousing
Asset Management
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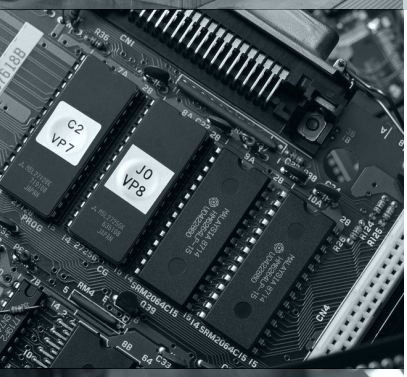
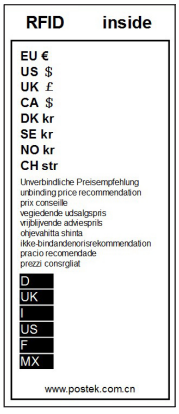
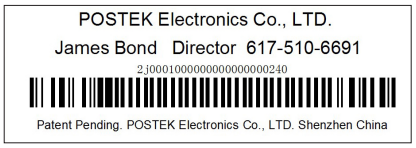


SAMPLES





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