



GZY-P300 UHF RFID Printer

INFOWISE compact UHF RFID printer integrates high-speed printing, precision encoding, and smart error correction. Supporting ISO18000-6C, it captures TID/EPC data in real-time for barcode printing. Intelligent algorithms prevent encoding errors and auto-mark defective tags. Featuring unique one-key calibration, it effortlessly adapts to any label, making it ideal for space-constrained, high-intensity operations."



Warehouse



Asset Tracking



Personnel
management



Library



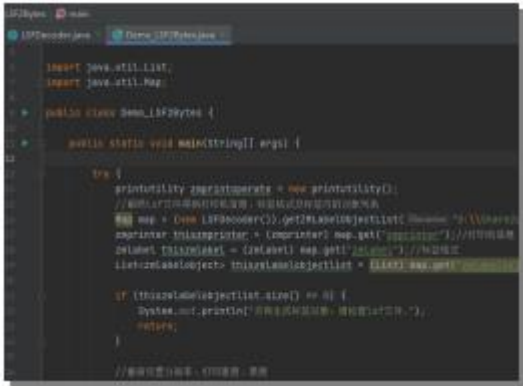
Logistics

SPECIFICATIONS

Model	P300	P300A
Printing method	Direct thermal & Thermal transfer	
Resolution	203 DPI (8dots/mm)	300 DPI(11.8dots/mm)
Maximum print speed	8 IPS(203.2mm/s)	6 IPS(152.4mm/s)
Maximum print width	4.25"(108mm)	4.15" (105.6mm)
Maximum print length	157.5" (4000mm)	78.7" (2000mm)
Memory	8 MB Flash ROM, 16 MB SDRAM	
Media	Roll-feed, die-cut, continuous, fan-fold, tags, tickets in plain paper or thermal paper Width: 4.6" (118mm) max.,0.8" (20mm) min. Supply roll: OD 5"(127mm) max., ID 1"(25.4mm) min. Thickness: 0.06~1.5mm(0.002"~0.06"), including liner, support flexible on-metal tag.	
Ribbon	Wax, Wax/Resin, Resin Ribbon roll: OD 2.75"(70mm) max. with ID 1"(25.4mm) core or ID 0.5"(12.7mm) core Max width: 110mm; Max length: 300M	
Media sensor	Adjustable reflective & Transmissive	
RFID function	Integrated high performance RFID reader/encoder supports tags compatible with UHF EPC Gen 2/ISO 18000-6c.	
Bar Code Types	1D Barcode : Code 39, Code 93, Code 128, Codabar, EAN-8/13/128, Interleave 2 of 5, UCC-128, UPC A/E 2 and 5 add-on, etc. 2D Barcode : Data Matrix, MaxiCode, PDF417,QR, etc.	
Interfaces	RS-232, USB 2.0, LAN	
Power rating	24 VDC, 2.0 A	
Weight	2.62KGS	
Dimensions	W208 x D310 x H195 mm	
Operation environment	Temperature: 32° F ~ +104° F (0° C ~ 40° C) Relative humidity: 5% - 85% non condensing	
Storage environment	Temperature: -40° F ~ +140° F (-40° C ~ 60° C) Relative humidity: 5% - 85% non condensing	

Label Printer Main Feature

- 1. A variety of development packages, easy and convenient to use; support VC, C#, Java, HTML5 and other mainstream programming languages;

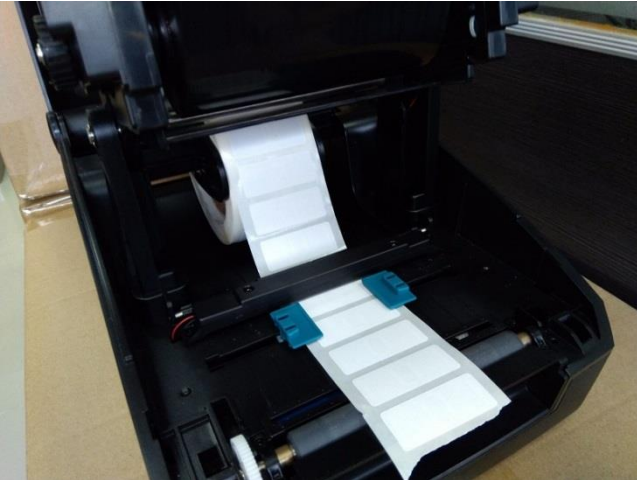


- 2. Free external paper holder with the printer, which can support large label rolls.



Steps one for usage

1. Step one: Install tags and ribbon



Step two: Calibrate RFID tags

1. Use RFID Calibration tool to view the RFID signal range, and adjust the RFID reading and writing power and position.

RFID Calibration V1.28

UHF Calibration

HF Calibration

Option Setting

Printer Information

Connected Printer: ZMIN X1D, USB003, 2020072201, 1011001112

Firmware: ZMIN_PCLE22.35DR

Print Mode: Thermal Transfer

Media Sensor: Reflective

Resolution:203dpi

Read Power: 20 dBm

Write Power: 20 dBm

Calibration mode: 1

Refresh

Descript

Setting

Start Calibration

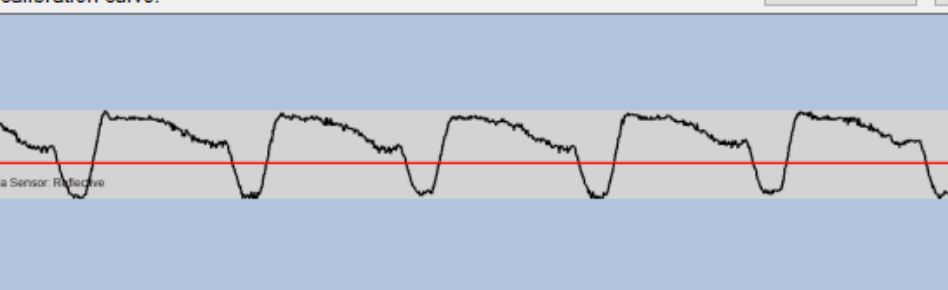
Check Status

Label calibration result

Label calibration curve:

Save Data

Save Image



RFID Raw data:

Save

#0167:0197,0199,0201,0203,0203,0204,0205,
0204,0205,0205,0000,0000,0000,0000,0000,0
000,0000,0000,0000,0000,0000,0000,0000,00
00,0201,0000,0000,0000,0000,0000,
\$0006&0048@

RFID Signal range:



Label Height (with gap): 31mm

Signal area: 2

Maximum area height: 10mm

Read/Write position: 6mm

Set R/W position: 6 mm

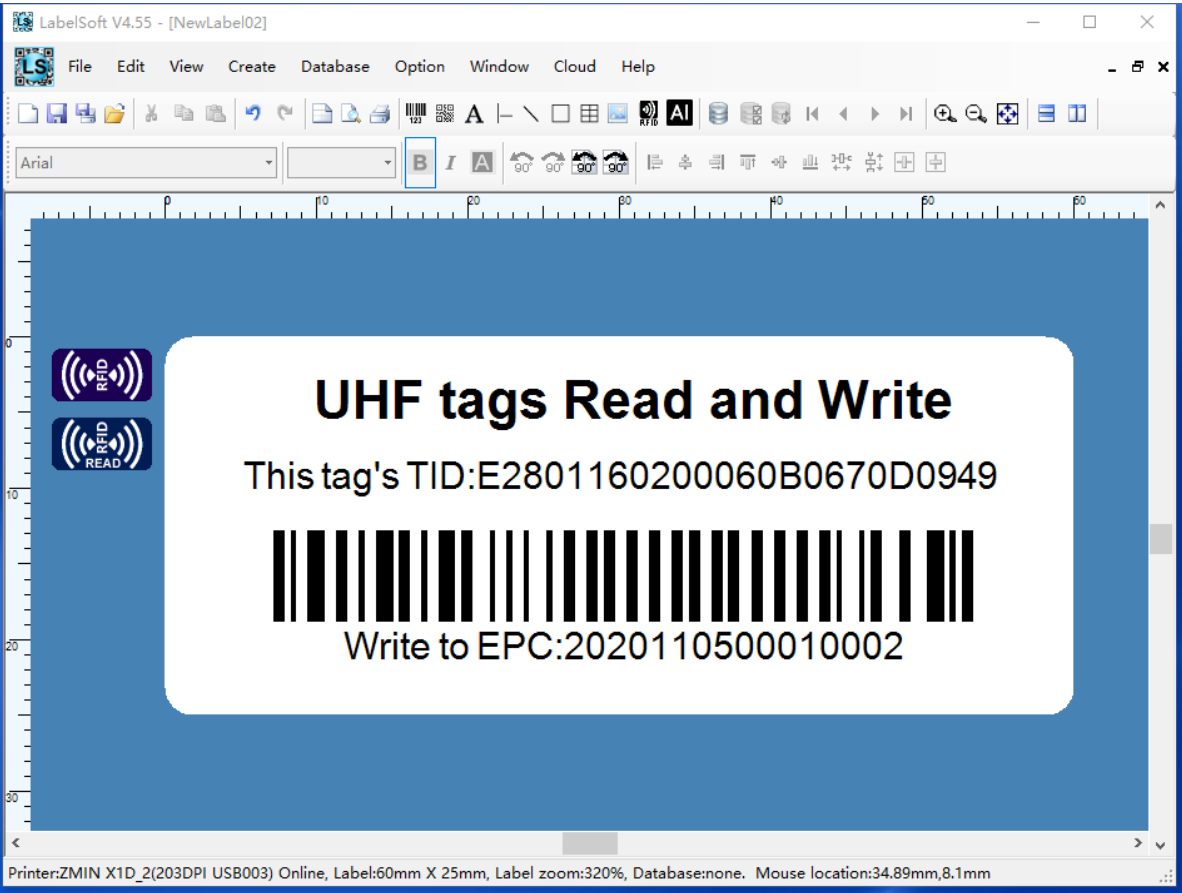
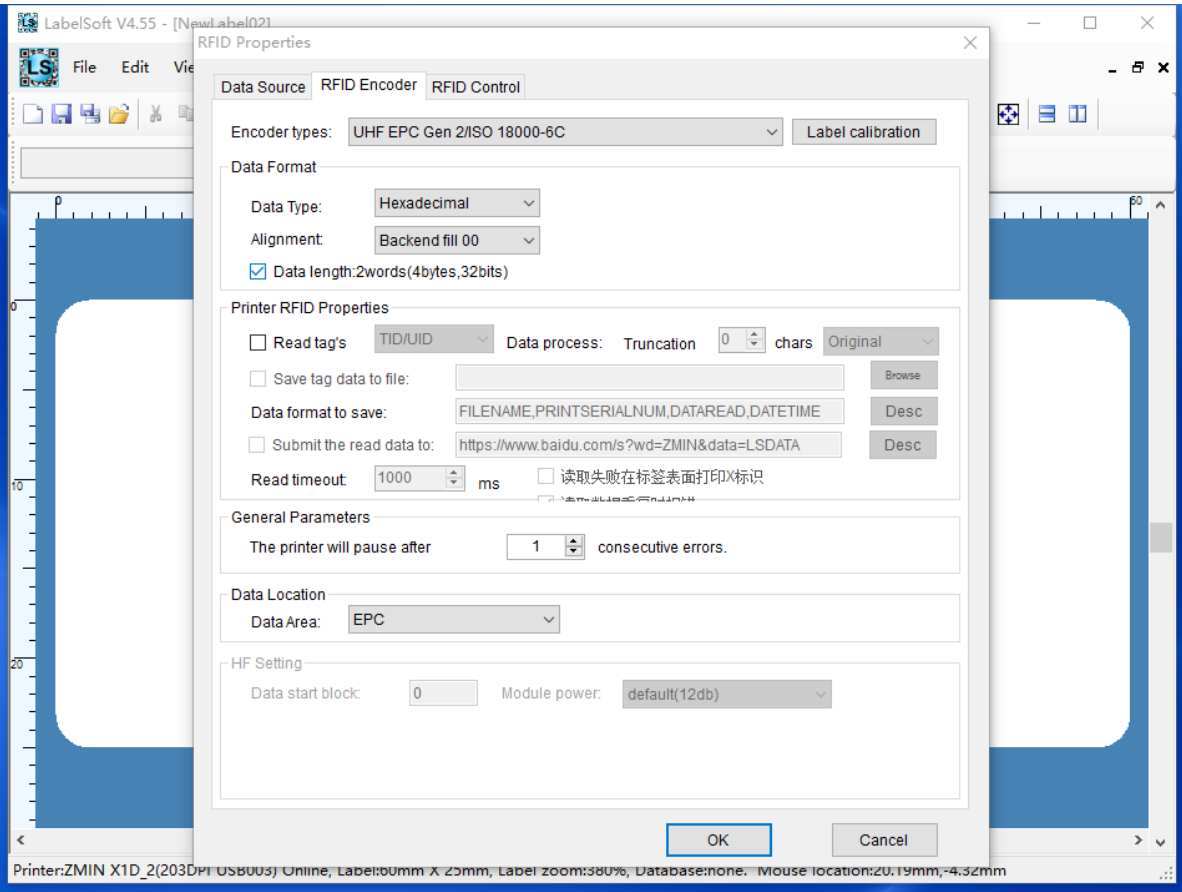
Set

ImpinJ Monza R6 (2 wordB)

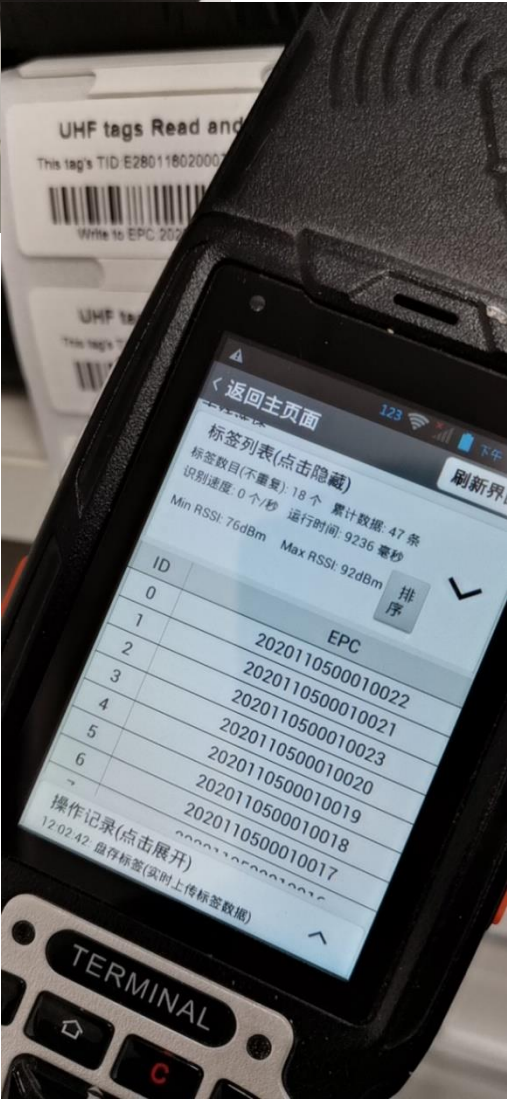
The larger the signal range, the easier it is to read and write labels.

Step three: Print and write tags

Print 60X25mm UHF on-metal tags.



Print and write tags



Note: Our company may optimize products in response to market changes, and any changes will be made without prior notice, please understand!



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