



# XYX-601

Gun RFID Reader, Android 6.0, RAM+ROM 2G+32G, with R2000 module, read range 5-8m.



## Features



### High Performance Computing Platform

Heavy duty applications such as massive data collection, 3D real-time display can be operated smoothly



### Android 6.0

Android 6.0 system is installed, optimized version is continuously updated



### Top Class Materials

CNC aluminum, nylon(Bayer) and 1.1mm thickness tempered glass offer excellent strength + heat dissipation + electromagnetic shielding. The soft material around the handle offers comfort



### Industrial Grade Components

Industrial and military grade components ensure stability and endurance in harsh environments



### Ultra Long Operating Time

Pistol style hotswapping battery system makes backup battery more convenient to be restored, so that the operating time is unlimited. A standard product package has two 6,000mAh batteries included



### High End UHF RFID Engine

The module is based on Impinj Indy R2000 chip, offers the best performance and excellent multi-tag identification ability in the industry



### Outstanding Industrial Design

The idea was inspired by X Y Z, and each single detail has been well refined. The appearance is compact, elegant and balanced, which makes the product eye-catching and impressive



### Excellent Mechanical Protection

The safety drop height is 2m / 6.56ft., IP64 protection grade can resist dusts and splashes effectively.

## Mechanical Parameters

Materials	CNC aluminum +nylon(Bayer)
Dimensions	Profile 160*82*129mm Grip 111*38*47mm
Weight	640g( Include battery / Standard version)

## System Characteristics

Operating System	Android 6.0
CPU	Quad-core Cortex-A17/1.8 GHz
GPU	ARM Mali-T764/High performance 3D engine
RAM	2G LPDDR3 4G LPDDR3 (Optional)
ROM	32G EMMC 5.0 64G EMMC 5.0 (Optional)
LCD	5.0 inches/ 1280 720 / IPS / 180° view angle
Touch Screen	1.1mm thickness tempered glass/10-dot touch / Can be operated with glove
Hotswapping Battery	Pistol style hotswapping battery system
PSAM	PSAM*2 / TI TCA5013 (Optional)
Buttons	
Power/Volume*2	3 ALPS buttons / Operating force 2.2N / Operating life 600,000 cycles
Function Keys	3 ALPS buttons / Operating force 2.2N / Operating life 600,000 cycles
Scan Trigger	OMRON button / Operating force 1.27N / Operating life 10,000,000 cycles
Power	6,000mAh chargeable li-polymer battery
Card Slete	Micro SIM card slot/PSAM card slot*2
USB Intertace	Micro USB / MOLEX connector / Operating life 10,000 cycles
Audio	Large speaker stereo system
Vibrator	Button style / 10mm diameter
Charge Indicator	Bicolor LED

## Wireless Communications

WiFi	IEEE 802.11 b/g/n
Bluetooth	Bluetooth 4.0
3G	Huawei MU 609/ Vehicle grade (Optional)
4G	Huawei ME 909s / Vehicle grade (Optional)

## Application Environment

Operating Temp	-20° - +60°
Storage Temp	-40° - +70°
Humidity	5%RH - 95%RH (Non condensing)
Protection Grade	IP64
Safety Drop Height	2m / 6.56ft.

## Accessories



Two Batteries

Battery Bay

Charger&USB Data Cable

Hanging lace

## Data Collections

<b>1D Bar Code (Optional)</b>	
Engine	Symbol SE955
Support	UPC/EA Symbol SE955N / Code128 / Code39 / Code93 / Code11 / Interleaved 2 of 5 / Discrete 2 of 5 / Chinese 2 of 5 / Codabar/ MSI/RSS. etc.

<b>2D Bar Code (Optional)</b>	
Engine	Symbol SE4750
Support	Data matrix / QR Code/PDF417/ US Planet / UK Postal, etc.

<b>UHF RFID</b>	
Engine	The module based on Impinj Indy R2000 chip
Buzzer	Ø12*9.5mm / 2300+300Hz
Protocol	EPC Global UHF Class 1 Gen 2 / ISO 18000-6C/ ISO 18000-6B
Work Frequency	840-960MHz
Output Power	0-33dBm
Peak Inventory Speed	>500 tags/s
UHF Antenna	3dBi circularly polarized antenna
Read Distance	6~7m( Tested tag: Impinj E41b)
Supported Regions	US, Canada and other regions following U.S. FCC Europe and other regions following ETSI, EN 302 208 China Japan Korea Malaysia

Camera (Optional)	13 megapixels / automatic focus / flashlight
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Global positioning system	GPS&GLONASS
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## Contact

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# RFID Gate DSG-218

The DSG-218 is the UHF RFID intelligent access control product, and is the RFID Tag Leader for protection against theft in clothes, books, and others.

(1) 10.4 " Dual OS Systems  
(WIN10, Android) Tablet



(2) LED indicator  
Green : Normal Use  
Red : Theft Alarm

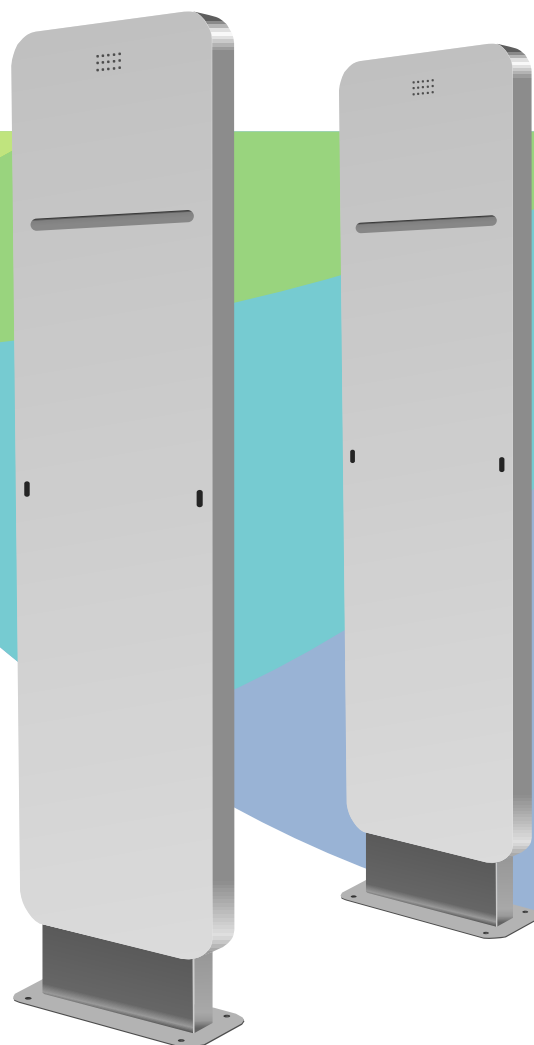
(3) Slot cover 1.2 MM Stainless Steel,  
100 kg External Weight.  
(Available for interior reclamation)



(4) The bottom mount is secured with four M8\*60mm  
extension screws and is fixed (adjustable)



(5) Through stable wood packaging  
with primary buffers for  
storage and transportation,  
the effects of external impacts  
from damage to the packaging are reduced to clear customs.



## Gate Specification

### General Functions and Features

1. It has a very strong tag recognition rate, a very low missing rate, and an overreading rate.
2. The antenna is specifically designed with a narrow horizontal beam design, so the range of access control areas consists of precise squares.
3. Provides sensitive and reliable alarm information.
4. Integrated warning lamp and buzzer
5. Maximum Security Awareness at 2.5m
6. Although the latest trends have been applied, the panel pattern is customizable.
7. Various statistical information can be provided to existing POS and ERP
8. Statistics such as the number of incoming customers based on infrared rays and the number of times the anti-theft response was processed are provided.

## Performance

Parameter	Detailed information
Model	DSG-218
Operating Frequency	920-925MHZ
Output Power	0-30dbm (Adjustable)
Cognitive distance	0-240cm (Adjustable)
Communication interface	RJ45, RS-232
Appearance material	Metal, ABS resin
Exterior color	White, silver
Size	370mm (L) * 62mm (W) * 1484mm (H)
Product weight	35KG (set)
Operating temperature	-10 ℃ ~ +50 ℃
Voltage used	AC220V ± 10 %
Power usage	20W
Sound and Lighting	Alarm Handling, 10.4 " Screen (Optional)
Establishment method	Stainless slot connected installation

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# R110XI4



**Innovative and high-capacity RFID encoders and printers will help you work better.**

**Medical sample smart label operation, item unit tag operation, etc.**

**Print and encode various UHF radio frequency identification smart labels.**

## Industry-leading Capabilities

Zebra's R10 . RFID Printer-coder optimized for high capacity operations allows the printing and encoding of UHF radio frequency identification smart labels for various fields. Zebra's third generation of RXI™ printersencoders, the R110SI4, is designed with industry-leading innovation to meet current and future application requirements. With its durable design, the Xi3™ Printer Platform is a powerful one.

## RFID Media Cost Reduction

The R110 .4 prints / encodes small RFID tags that are concentrated in a narrow 0.6 in (16 mm) or less distance (pitch) from most RFID indecoders. By narrowing the interlaced gaps, the label converter uses a smaller volume of materials, so organizations can see the potential to save money per ravel, reduce the number of media roll replacements, and increase printerconder throughput.

## Industry's best encoding accuracy guaranteed

Encoding accuracy is very important to work with.

If the tag is not encoded correctly, the asset you categorize as a tag is missing from the inventory or shipping list, making it "lost", and eventually leading to additional costs. Adaptive Encoding Technology, an RFID encoding module patented by Zebra, guarantees the industry's highest encoding accuracy.

## Communication method

ZebraNet 10/100 Print Server—supports 10Base-T, 100Base-TX and fast Ethernet 10/100 auto-switching networks.

USB 2.0—12 Mb/second

High-speed bi-directional parallel interface— IEEE 1284-1994 compatibility, ECP, nibble mode

High-speed serial interfaces:

RS-232C with DB9F connector, optional converter for DB25F available

Optional RS-422/485 with multidrop capability to network multiple printers from a single host with external adapter

Software (XON/XOFF) or hardware (DTR/DSR) communication handshake protocols

Applicator interface—with DB15F connector

## Maximum printing speed

14 inch/356 mm per second (203 dpi)

12 inch/305 mm per second (300 dpi)

6 inch/152 mm per second (600 dpi)

## Printing width

4.0 inch/102 mm

## Printing resolution

203 dpi/8 dots per mm

300 dpi/12 dots per mm

600 dpi/23.5 dots per mm

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# DSR-218W

DSR-218W is ultra definition RFID work station and it is suitable for decoding the place such as books, files and supermarkets.

Due to the special function demand, this product prevents misreading and faulty input of label at the area except for upper part of facility.

Communication port of DSR-218W is net port and serial port and it secures reliability and stability of communication.

For the surface, hard glass was selected, so the appearance is light, simple and beautiful.

Size of full device: 500\*400\*30mm.



[ Bottom ]



## Characteristic of product

- ◆ Work frequency range 902~928MHz
- ◆ Support EPCglobal UHF Class 1 Gen 2/ISO 18000-6C
- ◆ Local Area Wireless
- ◆ Maximum output power 30dBm
- ◆ Label recognition distance < adjustable
- ◆ Label input distance < adjustable
- ◆ Communication port: Net port, Serial port
- ◆ Supplying voltage DC 12V
- ◆ Set soft development data DEMO source code, providing communication discussion file with API and support file.
- ◆ Size of full device: 500\*400\*20mm

## Sign of standard

Condition : VCC=5V, TA=25°C

Name	Status	Minimum value	Default	Maximum value	Unit
Frequency range	Self-definition possible	902	915	928	MHz
High frequency	Self-definition possible	-	250	-	KHz
Output power	1dB Step	5	-	30	dBm
Reception sensitivity	-	-86	-	-	dBm
Label recognition distance	30dBm	-	1	-	m
Serial port modulation rate	Self-definition possible	-	115200	-	bps
Working voltage	Direct current power supply	-	12	15	V
Working current	Output Power=30dBm	-	0.7	1.2	A
Quiescent current	-	-	-	75	mA
Dormant current	-	-	-	-	μA
Working temperature	-	-30	-	+85	°C
Working humidity	TA=25°C	-	-	95	%
Storage temperature	-	-45	-	+85	°C
Product weight	Full device	-	1.75	-	Kg

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# DSR-218C

DSR-218C is a all-in-one RFID antenna and leader

Mad for POS in stores

For sales and refunds in a store, put the product on the panel and the product information will be reflected on POS.

3 antennas and connection ports are build-in for simultaneous use with cage antenna and DSA-218B.

Size : 340\*250\*44mm



[ Bottom ]



· Connect to 'DSB-218B' in terminal

## Product Feature

- ◆ Work Range 902 ~ 928MHz
- ◆ Support EPCglobal UHF Class 1 Gen 2/ISO 18000-6C
- ◆ Short wireless communication
- ◆ Maximum output 30dBm
- ◆ Label Read Distance < Adjustable
- ◆ Label Input Distance < Adjustable
- ◆ Communication Port: Net Port, Serial Port
- ◆ Supply Voltage : DC 12V
- ◆ Set Soft Development Source Offers DEMO source code, API ,support file communication file
- ◆ Full Device Size: 340\*250\*44mm

[ Back ]



[ Side ]



## 규격 표시

Condition : VCC=5V, TA=25°C

Name	Status	Min	Basic Setup	Max	Unit
Frequency Range	Customizable	902	915	928	MHz
Frequency	Customizable	-	250	-	KHz
Output Work	1dB Step	5	-	30	dBm
Receiving Sensitivity	-	-86	-	-	dBm
Label Read Distance	30dBm	-	1	-	m
Serial Port Modulation Rate	Customizable	-	115200	-	bps
Working Voltage	Direct Current	-	12	15	V
Working Current	Output Power=30dBm	-	0.7	1.2	A
Standby Current	-	-	-	75	mA
Dormant Current	-	-	-	-	µA
Working Temperature	-	-30	-	+85	°C
Working Humidity	TA=25°C	-	-	95	%
Storage Temperature	-	-45	-	+85	°C
Weight	Whole Product	-	1.75	-	Kg

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# LK-P30 II (P30)

## 3-inch Direct Thermal Receipt/Label Printer

- Rugged drop resistant design
- IP42, IP54(with optional case) certified : protection against dust and water
- 100mm/sec printing speed
- Adjustable paper width from 25.5 to 79.5mm
- Dual headed MSR & smart card reader (Option)
- Flexible connectivity including Serial(RS-232C), USB 2.0, optional Bluetooth Smart Ready(Bluetooth 4.2+BLE) or Wi-Fi(802.11a/b/g/n)
- Long life battery : 3.3Hrs charging time, 19Hrs stand-by
- Large capacity, paper rolls up to 56mm (OD)



### Accessory



CASE



CRADLE



STRAP

### Portable Printer



## SPECIFICATION

### PRINTING SPECIFICATION

- METHOD : Direct Thermal
- SPEED : 100mm/sec
- WIDTH : 72mm(576 Dots/line)
- RESOLUTION : 203 DPI

### PAPER SPECIFICATION

- TYPE : Thermal receipt / Label
- WIDTH : 25.5±0.5~79.5±0.5mm
- THICKNESS : 0.06~0.16mm
- ROLL DIAMETER : Max. Ø 56mm
- ROLL CORE INNER DIAMETER : 12.5mm ± 0.5mm

### INTERFACE

- STANDARD : Serial(RS-232C), USB
- OPTION : Bluetooth Smart Ready (Bluetooth 4.2+BLE), Wi-Fi(802.11 a/b/g/n)

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# DSA-218B

DSB-218B is compatible with DSR-218C.  
When shopping basket is recognized,  
the antenna device scans RFID



## Specification

- Model : CS-An003
- Frequency : 902MHz ~ 928MHz
- Gain :  $\geq 4$ dBic
- Impedance : 50Ω
- Connector : SMA Female
- Number of Channel : 3
- Shelf Hole Size  
51 x 36 x 37cm



[ Side ]



[ Top ]



[ Input Terminal ]



- Cable  
Length 1m 33cm



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