

2D Barcode Scanner Menu



USB Cable



Receiver

I . Function and Feature

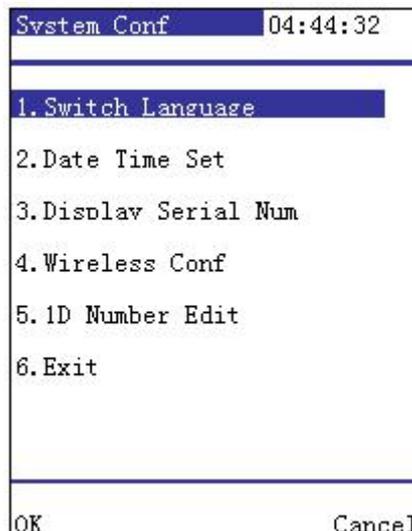
1. System Configuration

1) Switch language

Parameter Configuration and Chinese and English switched.



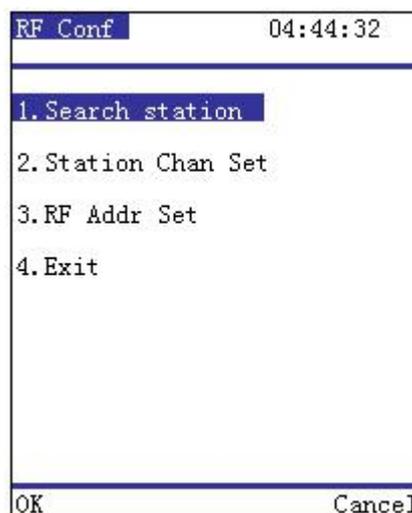
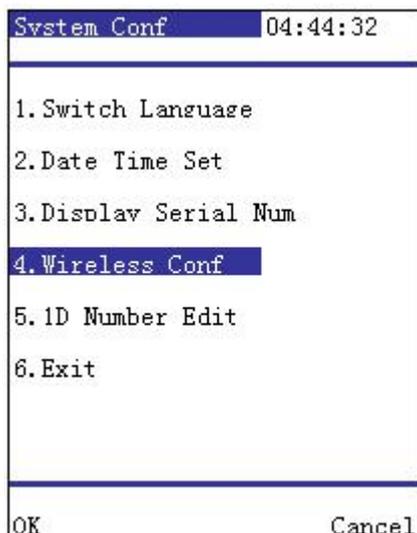
System Configuration



Language Switch

2) Wireless configure

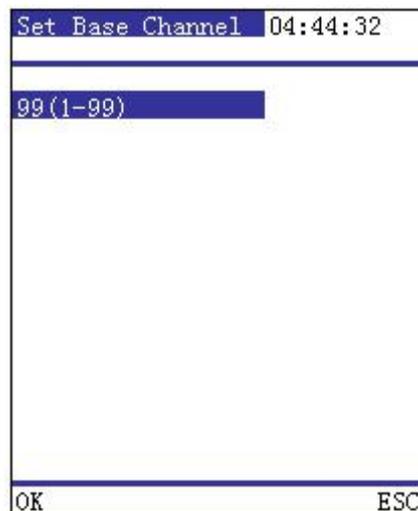
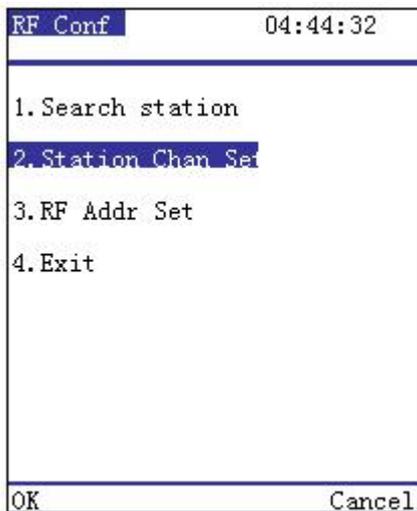
Connect USB to computer first, then enter System Configure and choose wireless configure , Scanner will search station, put off USB and connect USB to computer again immediately, if scanner searched station, scanner will report channel 99, Press any key return. If it could not search station, you may power off scanner and power on again, then repeat upper action.





If you use two or more scanners in the same area, you may set different Station Channel and RF address (1-99).

Notice: station and RF channel must be the same or you could not export data to your computer.



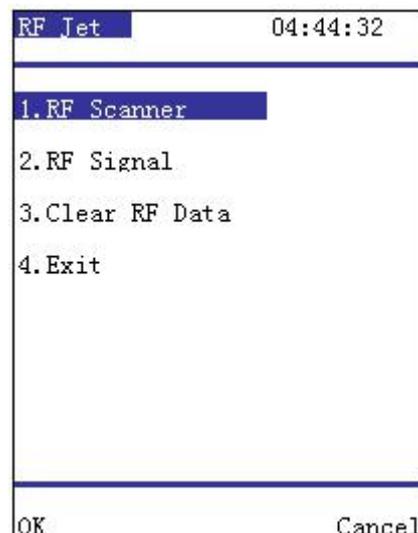
NOTE: For the first time use, please charge 4-6hours.

2. RF Scanner (Wireless scanner mode)

On this mode, scan a bar code and transfer it to the station then to the computer.

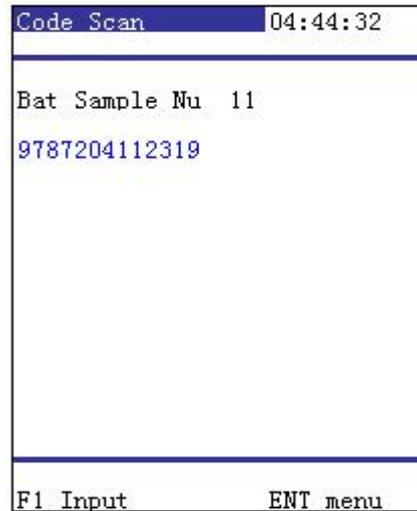


Wireless scanner Mode



Enter wireless scanner feature

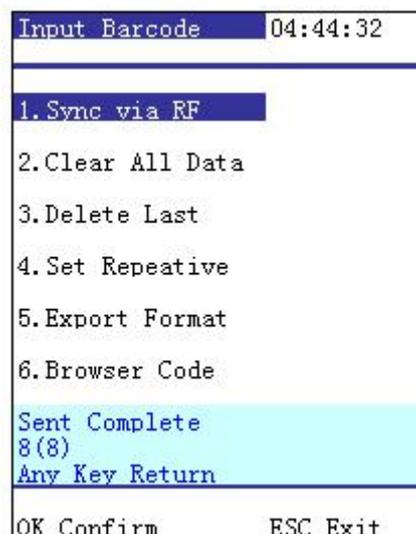
3. Code (Bar code Scan mode)



In the bar code Scan mode, the scanned bar code would be uncounted, the repeating bar codes would just be cached. Pressing the ENT key would enter the sub feature menu: Sync via RF, Clear all data, Delete Last, Set Export Format etc.

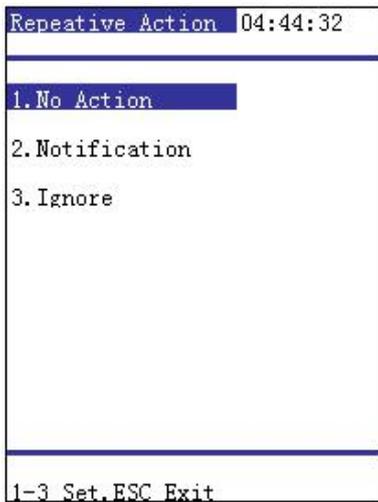
(1) Sync via RF

The scanner would send the barcodes to the computer. A text editor should be opened on the computer, and the wireless station should connect to the computer. Then the scanned barcode data would be transferred to the computer via the station.



(2) Set Repeative

- ① No action. Repeating bar code would be permitted and counted.
- ② Notification. Repeating bar code would trigger a notification, user choose whether to permit the repeating code. Back key would modify the number of the bar code.
- ③ Ignore. Inhibit repeating, Repeating bar code would trigger a warning would not be saved.



(3) Export barcode

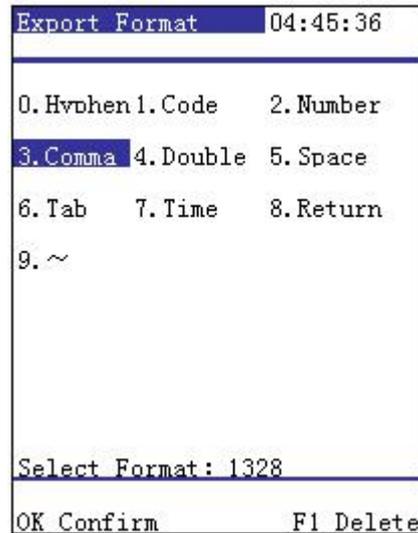
The inventory bar code would exported to a TEXT file or an EXCEL file . To save the file to computer, connect the PDA Scanner to a computer via a USB cable, Under the main menu, press F1 could enter U Disk mode,you may find a BAR file (text or excel mode)

(4) Export Format

PDA Scanner inventory with product data mode, could directly exchange information with management software.



Export Format mode



Export Format Edit UI

Export User could freely configure the format. For example. 1328 represents a format of: bar code + comma+number+line change.

4. Pandian (Inventory mode)

In this mode the bar code would be counted and can be exported by radio or USB cable . Data export and Set Repeative as Batch.



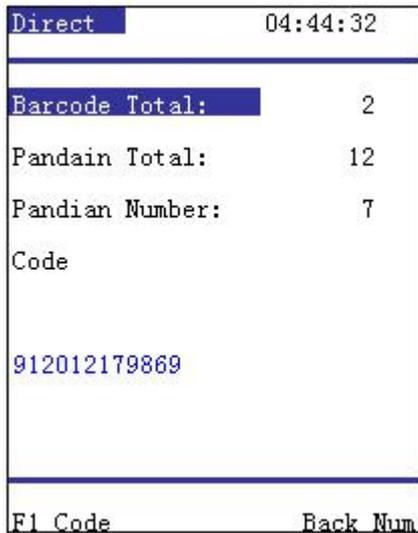
Inventory Mode



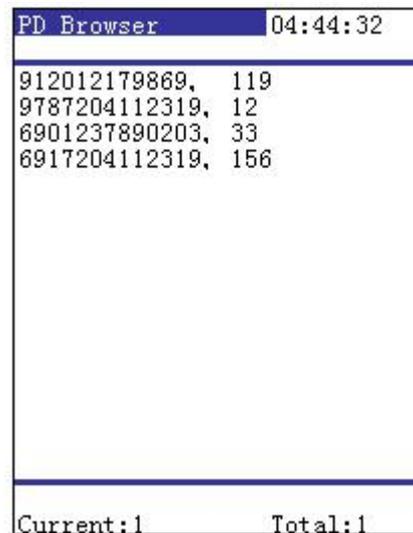
Enter Inventory Mode

1) Pandian (inventory Mode):

Scan bar code would be counted, The total number and individual bar code number would be displayed on the screen.



Inventory Status



Inventory Data Browser

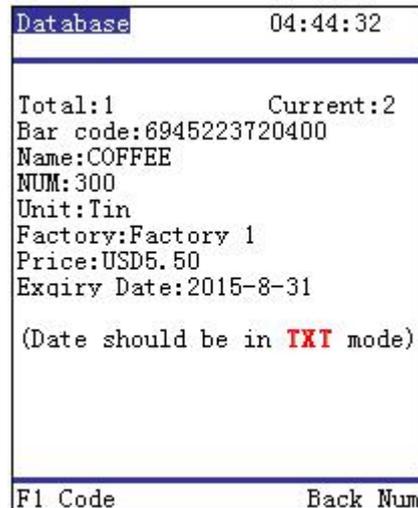
2) Pandian Clear

The data would not be clear after upload or wireless transferring. So user could choose to retain the data or clear the existed data.

5. DB PD (Display merchandise information)



Product information inventory



Product information display

To use the product data in the handled machine, first user should prepare the information on the computer to generate respective file, after copying these file to the handled machine, the product data could be displayed on the machine.

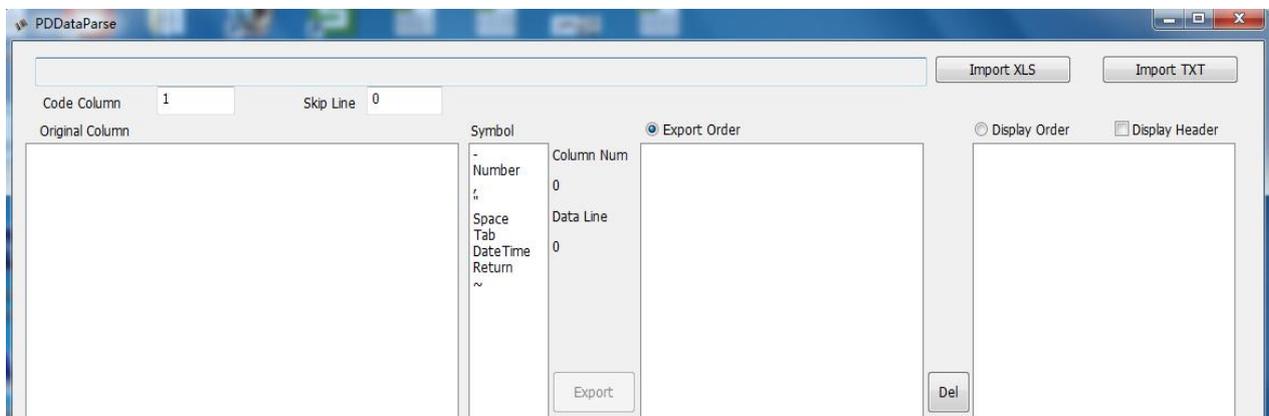
(1) First get the data parse tool from the manufacturer:



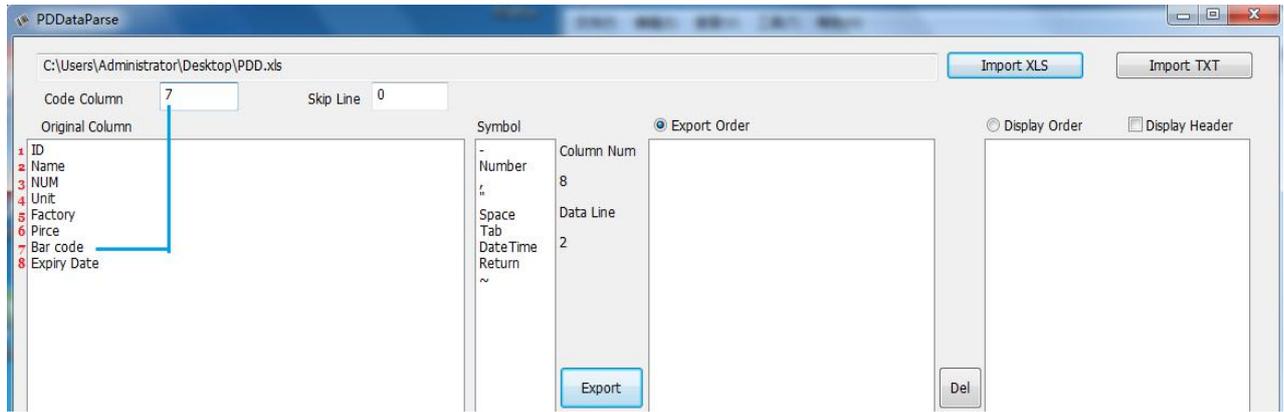
(2) Export a excel product data information file form a POS or management software, save it as .xls table file. For example:(**Notice:** All Date in Excel should be **TXT** mode)

	A	B	C	D	E	F	G	H
1	ID	Name	NUM	Unit	Factory	Price	Bar code	Expiry Date
2	1072	COFFEE	300	Tin	Factory 1	USD5.50	6945223720400	31-Aug-15
3	1077	Water	600	Bottel	Factory 2	USD0.30	6901028193498	30-Sep-15
4								

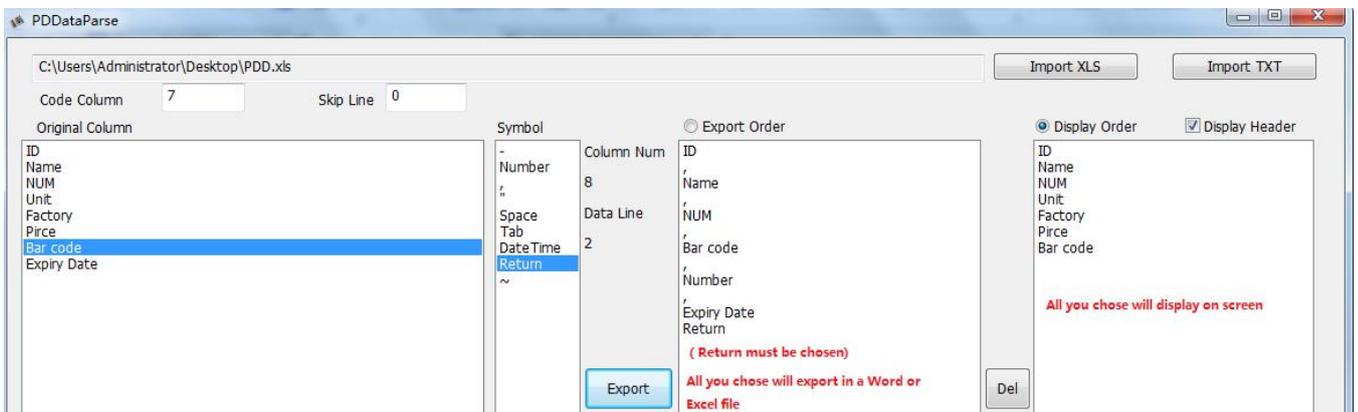
Open the tool (PDDataParse.xml):



Press the "Import XLS" button and the choose the file we generated in the operation above:



Choose the Export format sequence and the display form at sequence. If the bar code is not in the first column, it also should be assigned(as above).

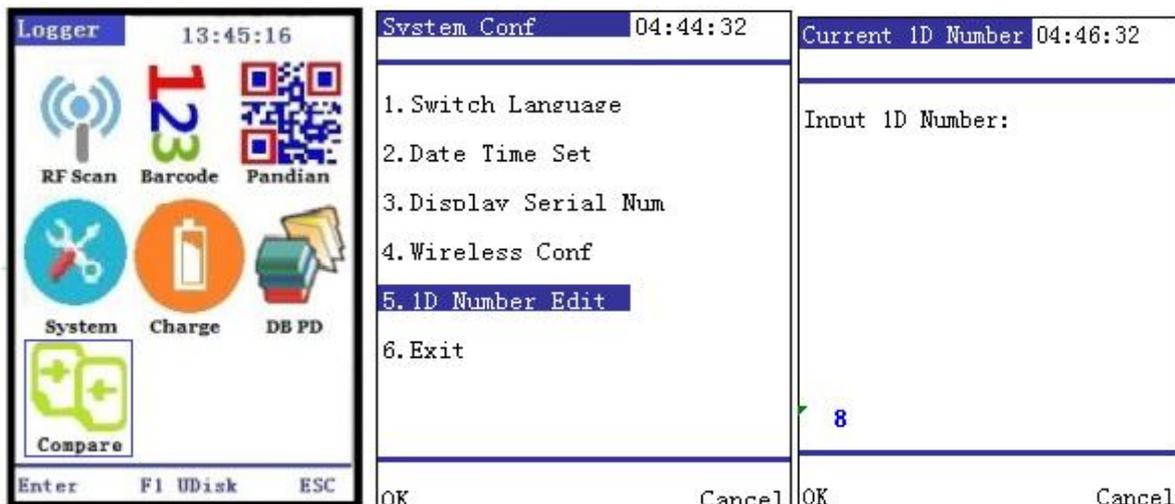


(5) After the editing, then press the “Generating” button, then the the tool would generate two file: dbpd.bin and info.bin. Copy it to the handled machine (the machine should be set to removable disk mode). Then the product information would be used in the Product information inventory mode.



6. Compare Inventory

First set 1D bar code number in system configure. Then you can compare 1D bar codes with a 2D bar code.



Below example only for 1-12 1D bar codes to a 2D bar code. A 2D bar code to a 2D bar code not suitable for this system, please connect with us.



2D bar code

**P149900651P0096-FB1AQ530PCSV4210591T08-29-16,08-28-16
9D1636,1636MOUPIIN4LCHINA**

II. Technical Specification

1. Physical Parameters

Safety performance: According with national level two laser safety standards

Sensor: CMOS sensor, Pixel:640 x 480

Exercise tolerance ability Up to a maximum of 320cm per second, In total darkness, 100%UPC, 10cm distance.

Scan range SR: 42.4° (horizontal), 33.0° (vertical); ER: 31.6° (horizontal),24.4°(vertical);

HD: 41.4° (horizontal), 32.2° (vertical)

Scan Angle Dip: 360°, Elevation: ± 45°, Diagonal: ± 65°

Scan contrast 20%The minimum reflex ratio

2. Technical Parameters

LED indicator: Red and white two colors.

Battery specification: 3.7V/2000mA rechargeable battery,USB cable could charge the battery.

Charging time:4-6 hours

Working current: 340mA, Sleeping current:100 μA.

Working power:2W; 400mA@5V-The typical value

Standby power: 0.45W, 90mA@5V-The typical value

Radio frequency:2.4G

Communication distance:100M(Empty)

System interface: USB

Storage: 16MB Flash storage, 15MB space are left to use.

Display Screen Specification: 2.8" col LED, 16 lines and 28 English character display.

Wireless channel:99

Device Number Per channel:255

Environmental Parameters

Operating temperature:0°C-40°C

Storage temperature:-40°C-60°C

Operating humidity:5%-95% , Relative humidity, no condensation state

Bar code system

1D Bar code : UPC/EAN/JAN, GS1 Data Bar, Code 39, Code 128,Code 32, Code 93, Codabar /NW7, Interleaved 2 of 5, Matrix 2 of5, MSI, Telepen, Trioptic, China post.

2D Bar code :

Aztec Code, Data Matrix, QR Code, Micro QR Code, MaxiCode, Han Xin Code; Australian Post, British Post, Canadian Post, Japanese Post, Netherlands (KIX) Post, Postnet, Planet Code, Postal: Intelligent Mail Bar code, Postal-4i.

SR Type		ER Type		HD Type	
Code system / density	Examples	Code system / density	Examples	Code system / density	Examples
100% U.P.C.	46 mm - 419 mm	100% U.P.C.	61 mm - 533 mm	3 mil Code 39	48 mm - 91 mm
5 mil Code 39	39 64 mm - 163 mm	10 mil Code 39	61 mm - 442 mm	5 mil Code 39	30 mm - 127 mm
10 mil Code 39	28 mm - 338 mm	15 mil Code 128	38 mm - 549 mm	7.5 mil ode 39	33 mm - 152 mm
6.7 mil PDF417	46 mm - 185 mm	10 mil PDF417	56 mm - 396 mm	5mil muroPDF417	43 mm - 84 mm
10 mil Data Matrix resolution 3.0 mil	53mm - 203mm	Maxicode	79mm – 528mm	5 mil Data Matrix	41mm – 84mm

This data may be different due to barcode quality and environmental factors.