DATA COLLECTOR DC33A2

www.dcodeinternational.com

Allows Wireless Transmission to the PC up to 100mt

Operable in three modes

- Wireless Data Transmission real time
- Offline Barcode Scanner
- Inventory Data Collector

For 1D/2D Barcodes

DC33A2

Wireless 1D/2D Data Collector Unit

HAND HELD BARCODE SCANNER

The DCode Advantage

QUICK — DEPENDABLE — TOUGH

SHORT INTRODUCTION

DC33A2 integrates the wireless barcode scanning gun and various commonly used wireless barcode data inventory functions and can be directly used without any programming.

DC33A2 are equipped with keyboard and screen which can realize functions that ordinary wireless barcode scanning gun can not realize.

The Screen can display information such as wireless signal strength and battery power. The supporting wireless receiver adopts USB2.0 interface and can be used under windows without any driver. It also support USB cable to send data as a wired barcode scanner.

FEATURES

- 4 MB Flash Memory, can store up to 30,000 barcodes.
- 433MHZ Wireless Communication technology, effective range up to 100 meters.
- Offers omnidirectional reading of 1D/2D barcodes, including poor quality and mobile barcodes.
- Supports USB Charging for rechargeable NiMH Batteries
- Comes with built in Inventory Manager.
- Support both online real-time barcode data transmission and offline barcode
- collection (collect and save on the terminal first), without distance limitation
- Allows hand input for damaged or blurred barcode
- Provide real-time data protection. No data will be lost when powering off the terminal. When the terminal is powered on, the LCD screen automatically resumes to the last display before last powering off
- User-friendly keyboard and backlight LCD screen for easy operation and menu browsing.

INTERFACE ICONS AND BUTTON

SPECIFICATIONS

CPU	32-bit high-speed ARM
Flash memory	4MB, storing more than 30,000 data
Power supply	2) Supporting USB charging for rechargeable NiMH batteries. 3) With remaining power indicator on LCD display.
Screen display	176 x220 TFT colour LCD, white backlight
Terminal size & weight	170x65x40mm, 150gms
Keyboard	Standard high quality silicon 22-key keyboard
Standby time	Continuous working time: 10-50 hours, at least 10,000 times can be scanned.
Data protection	Data will be saved automatically and will not get lost when the terminal is powered off. The user can switch on/off the terminal freely without damaging the data. After switching on, the screen resumes to the display before last switching off.
Power saving mode	Support automatic powering off when not in use.
Wireless transmission	1) Frequency: 2.4G 2) Maximum wireless transmitting power: +10dB. 3) Wireless receiving sensitivity: -102dB. 4) USB connection with computer.
Scanning depth of field	Max 80cm
Scanning frequency	100times / second
Light source	CMOS , 640 X 480
Barcode scan width	36cm
Decoding capability	All 1D & 2D Barcodes

HOW TO USE

HOW TO CONNECT SCANNER WITH RECEIVER –

Press Power On button of scanner and plug USB receiver to PC , it will automatically connect with scanner and there will be a communication signal icon the upper right corner of device.

OPERATIONAL MODE-

There are three mode in which we can use this scanner.

1- Scan Gun Mode

2- Collect Mode

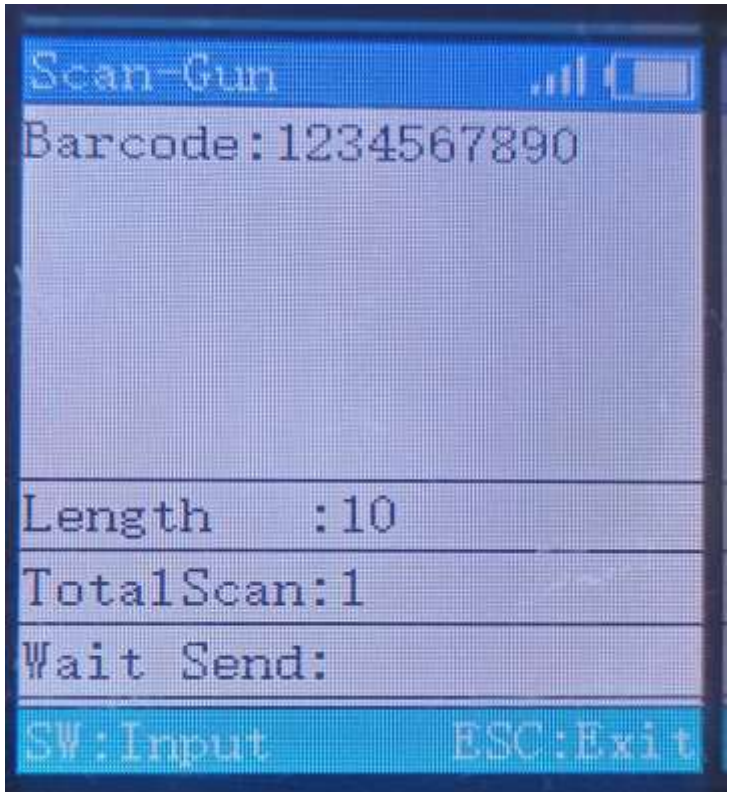
3- Inventory Mode

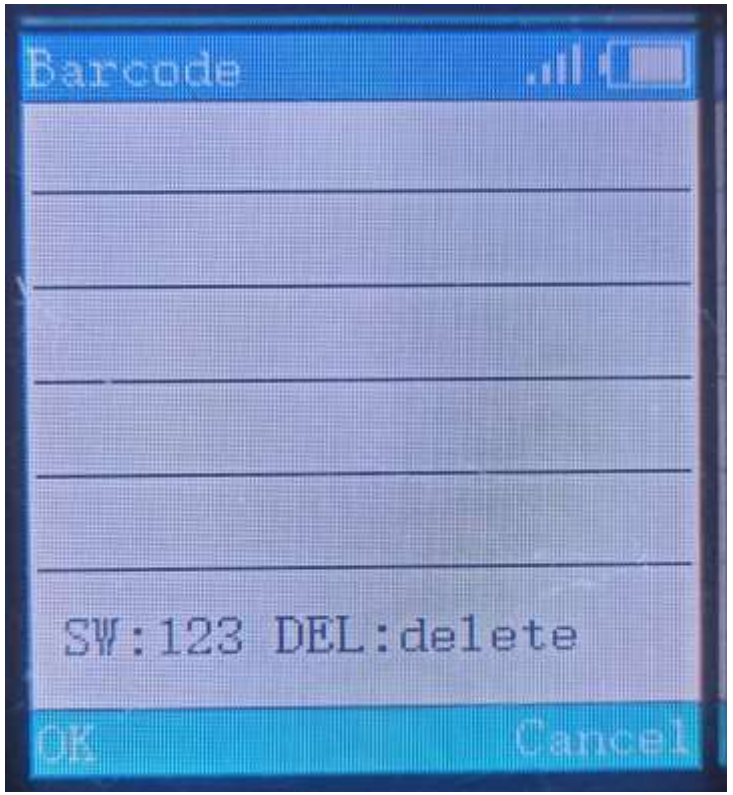
1. Scan Gun Mode-

The Scan Gun mode has the same function as the traditional wireless Scanner, it will instantly transfer the data to the computer after each scan.

After Scanning the barcode, data will be displayed on the screen along with its length and total scan times.

The device supports manually input barcode data. Just press “SW” key from keypad and input the characters. You can input data in numbers, capitalized letters or lowercase letters (press “SW” to switch).



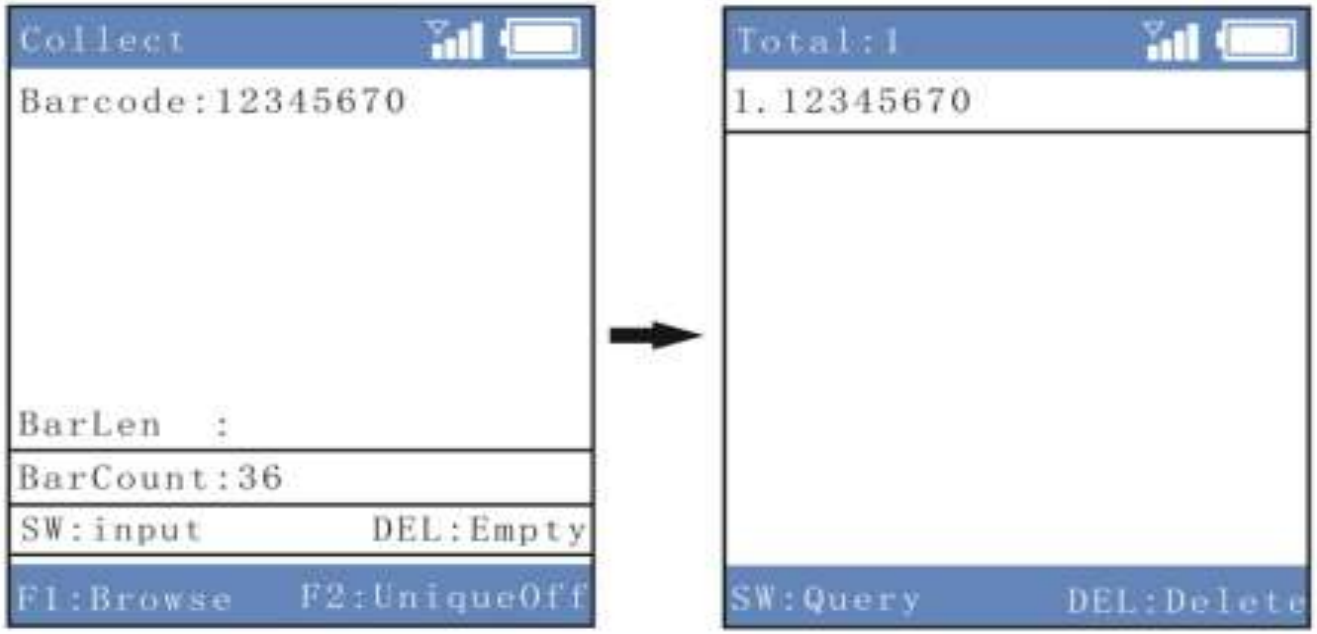


2. Collect Mode-

Collect Mode is to save all scanned barcode data in the local memory of the Device first and then send them to the receiving end in batches through wireless or USB data line after data collection is completed. All scanned barcode are stored in FLASH memory according to scanning sequence and power failure will not cause data loss.

If you meet any damaged barcodes which can not be scanned, press “SW” to input manually.

You can press “F1” to browse the barcode data collected. When browsing, you can press “Del” and input the barcode data’s serial number to delete the wrong barcode data.

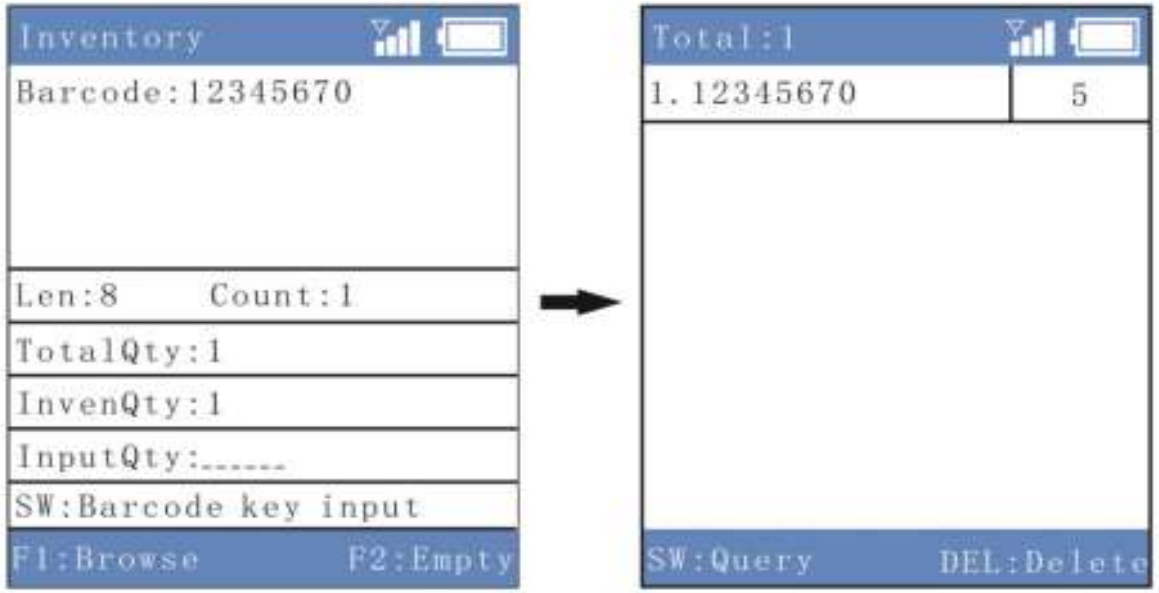


3. Inventory Mode-

Inventory Mode is a simple statistical counting mode to record barcode data and their quantity. The collector can process up to 10,000 barcode data at a time, the maximum inventory quantity of individual barcode is 99,999.

One scan on each barcode will add one quantity on the barcode or you can input the quantity manually to change the quantity or add on.

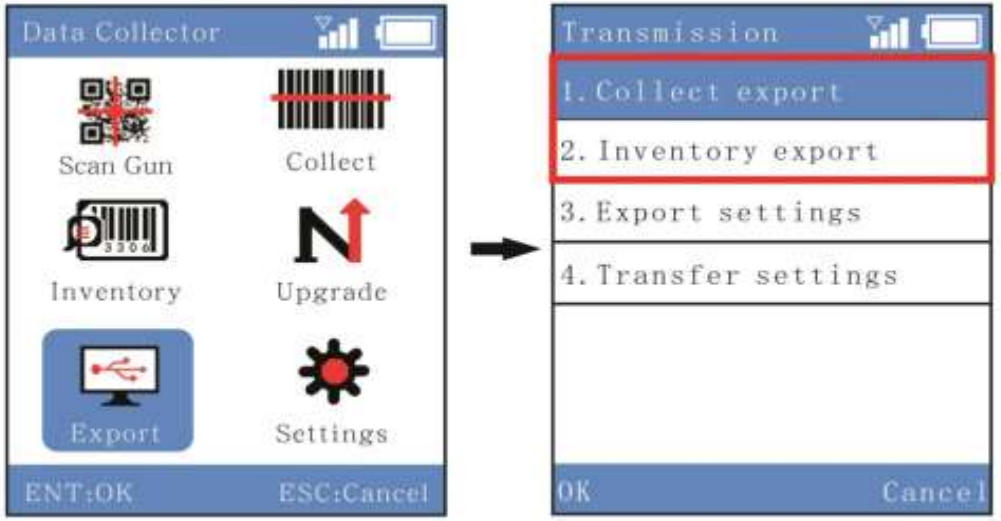
You can press “F1” to browse the barcode data collected. When browsing, you can press “DEL” and input the barcode number to delete the barcode wrongly counted. If there are too many collected data, you can also press “SW” to look up for the barcode counted wrongly and then revise the quantity or delete the barcode data.



HOW TO EXPORT DATA IN PC

There is “EXPORT” option to export the data (Collect and Inventory) in computer. There are two ways to export the data, RF (Wireless) transmission and USB transmission. For RF transmission, Collector should be connected through wireless receiver and for USB transmission USB, Collector should be connected through USB cable.

To transfer data Click on “Export” option and then Click ‘Collect Export’ or ‘Inventory Export’ and then click on ‘Keyboard Export mode” and select lib No. and Enter. Data will be transfer where ever your cursor is in PC.



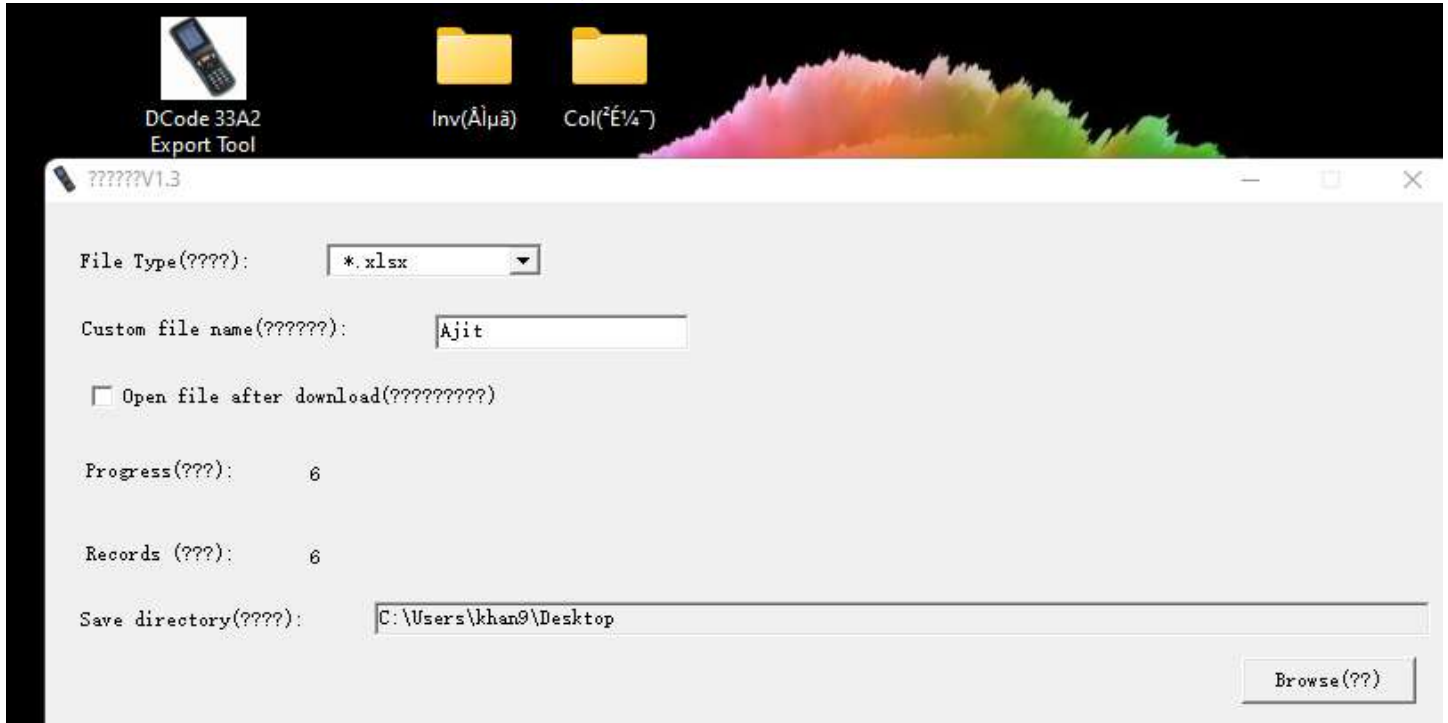
HOW TO EXPORT DATA IN FILE FORMAT

You can also transfer data in PC in File format (.xlsx, .txt, .csv). It can be transfer only through USB cable.

To transfer data in file format, you will require a utility named “DCode 33A2 Export Tool” which you need to run in Your PC when you transfer data.

Follow the below steps –

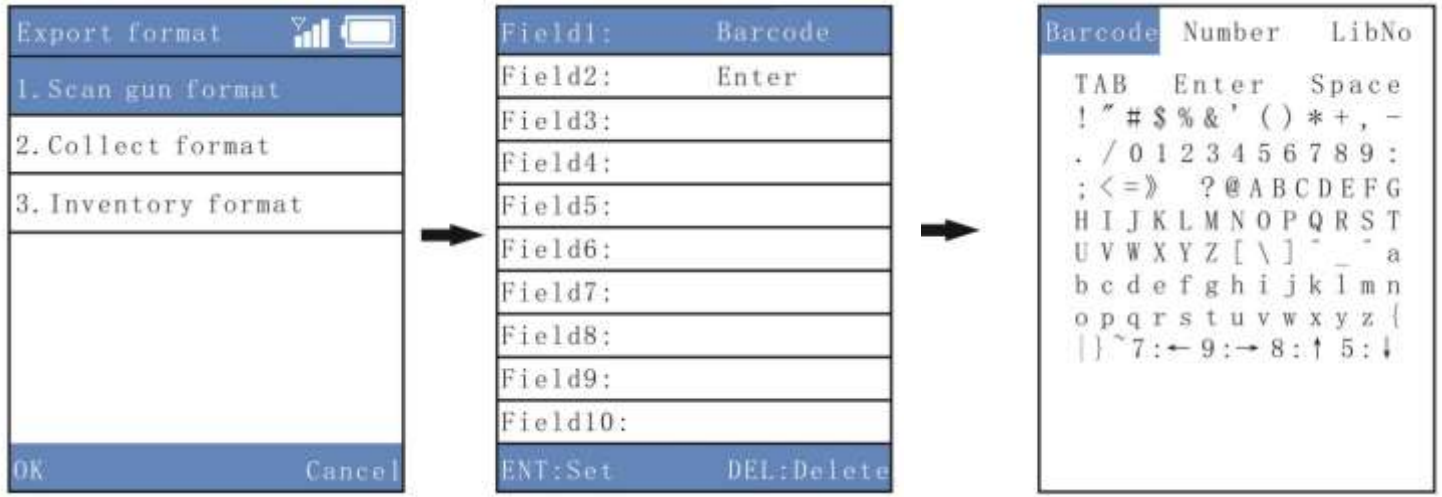
- **Run the “Export Tool” and two folder will create on desktop , First one ‘Collect’ and second ‘Inventory’.**
- **You can select file type and also you can give a file name in “Export Tool”**
- **Now Go to Scanner and Click On Export – Collect Export Or inventory Export - File Export mode – Enter – Connect USB Cable**
- **Data will transfer in folder created Destop.**



EXPORT SETTINGS

In Export Setting you can set Data Format according your need . Follow the below steps-

- **Click on “Export” – Export Settings – Select ‘Scan Gun Format’ or ‘Collect Format’ or ‘Inventory Format’ – Enter**
- **You can set Data Format from here according your need.**



FOR EXAMPLE - The default format is : Field 1 – Barcode and Field 2 – Enter.

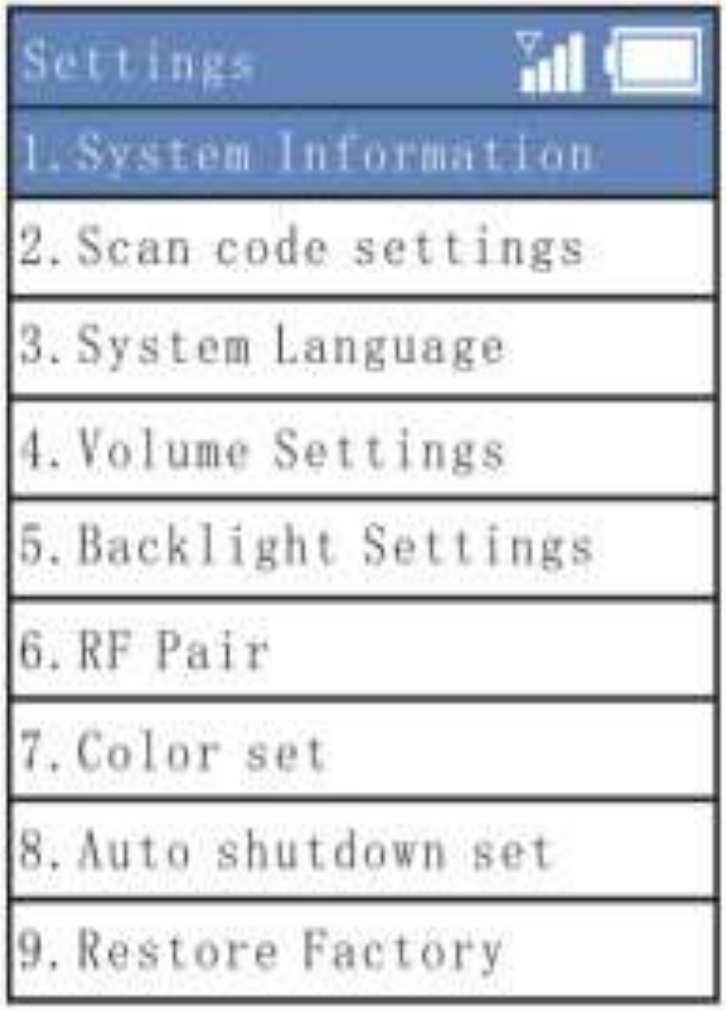
If you need to Export Inventory data with the Format- Line A for barcode and Line B for Quantity. Then set the with Field 1 – Barcode, Field 2 – TAB, Field 3 – Number, Field 4 – Enter.

Format of Other can be set in the same way. You can also add other characters or special symbols or add a Prefix and Suffix.

COLLECTOR SETTINGS

You can find many setting related Scanner in “Setting” menu.

1. You can find systems information from this option.
2. You can set Scan mode like Key Scan, key delay scan and Continuous Scanning from here.
3. You set Systems language from here.
4. You can set Volume from here.
5. You can set back light Settings like Dark, Low, Normal and High.
6. You can check that receiver is connected or not and can Connect from here.
7. You can select display color from here.
8. You can set time from here that when scanner auto shutdown.
9. You can reset your device from here.



FAQ.

The table below shows common problems and solutions.

FAULT DESCRIPTION	REASON	SOLUTION
1- Scanner is not getting ON	• May be low battery or Discharge battery.	• Please charge to Scanner with 5V adapter
2- Scanner has laser but can not read the barcode	• May be barcode damage • Scanning distance is not correct	• Please try another barcode • Please adjust the scanning distance and angle.
3- Scanner is reading barcode but can not upload data	• Scanner has set up to incorrect output mode • Cable transmission failure	• Please set up correct output mode refer to the manual. • Please re plug cable or replace cable.
4- Press the trigger, red laser appears and then goes out but there is no data display in input box.	• May be USB receiver has not plugged into the PC USB port • May be USB port of PC is out of condition. • May be USB receiver is not matched with Scanner.	• Please make sure that the USB receiver has been fully plugged into the PC USB port. • Please plug the USB receiver into another USB Port of PC. • Please unplugged the USB receiver and plug it again and refer manual to match USB receiver again.

FAQ.

FAULT DESCRIPTION	REASON	SOLUTION
5- While connecting scanner with pc shows " USB Device Not recognized".	• May be issue with USB port of PC • May be cable is not connected properly in Scanner • May be USB cable faulty	• Please connect cable in another USB port of PC • Please plug the cable tightly with scanner • Try with another cable.
6- Sledge is not pairing with Bluetooth devices.	• May be Sledge is not in pairing state. • May be devices is connected to other Bluetooth Scanner.	• Please make sure Sledge is in matching state • Delete the Bluetooth connection record.
7- Scanner is uploading wrong data.	• May be PC keyboard language and Scanner language different.	• Pls make sure that PC/Smartphone keyboard language is the same as barcode Scanner.
8- Scanner is not charging.	• May be charger issue	• Pls select correct charger • Checked same charger in another Scanner.

Thank
You