Bluetooth 1D laser Pocket barcode scanner

Quick Guide

Model no.: iDC9608A

Introduction

Designed primarily for P.O.S. retail environments, the iDC9608A is a Bluetooth pocket barcode scanner that allows you to scan various barcoded items.
Its in-built 650nm laser engine allows you to reliably read barcodes on various shapes and is a great space-saver for busy or limited workspaces.
It supports iOS, Android, and Windows devices through Bluetooth communication.

Delivery content

* Pocket Barcode scanner x 1
* Mini USB cable x 1(for charging only)
* Quick instructions x 1
* Strap x 1

Limited Warranty

Riotec provides one-year limited warranty.
Riotec will not warranty any product which has been subjected to improper usage, neglect or unauthorized repair or installation.
Besides, warranty does not cover the faulty usages or consumable parts.
(Cable & battery are consumable.)

Safety instructions

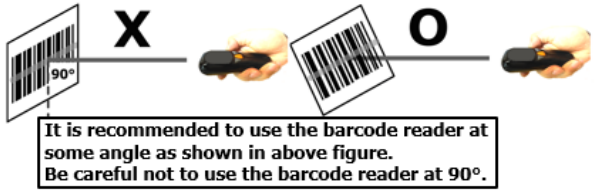
Read the operating instructions carefully and especially observe the safety information. If you do not follow the safety instructions and information on proper handling in this manual, we assume no liability for any resulting personal injury or damage to property.

* The product is equipped with a Class 1 laser.
* Never look into the laser beam and never point it at people or animals. Laser radiation can seriously damage your eyes.
* Do not point the laser beam at mirrors or other reflective surfaces. The uncontrolled, reflected beam may strike people or animals.
* Don't put scanner in places excessively high temperatures, such as expose under direct sunlight
* Don't use scanner in extremely humid area or drastic temperature change
* The rechargeable battery is permanently built into the product and cannot be replaced.
* Never damage the rechargeable battery. Damaging the casing of the rechargeable battery might cause an explosion or a fire!

Operating elements

** Please switch ON and charge scanner for 3~4 hours at first time before use.

**** In the beginning, you must press the orange trigger button for 8 seconds to turn on the pocket barcode scanner. Then, press it for scanning barcodes & waking up from sleeping mode.**



How to Connect to Smartphone or Tablet

1. Make sure your device supports BT HID or BT SPP profile
2. Turn off Power-Saving mode on your smartphone/tablet first
3. Then, choose HID or SPP device before connecting to smartphone/tablet. If you don't know what profile your device is, please try HID profile first, then, SPP profile.

1. Main MENU

```
MAIN>      S  12:52
Direct-scan
Memory-scan
Upload
  ↑     ENTER     ↓
```

2. select **Setup**

```
MAIN>      S  12:52
Memory-scan
Upload
Setup
  ↑     ENTER     ↓
```

3. select **BT setup**

```
S>         S  12:52
BT setup
Sleep time
Output Speed
ESC   ENTER      ↓
```

After you select what you want, press the orange button to enter the next or ESC button back to the previous.

How to connect to SPP or HID device

SPP device (from A1 to A2); HID device (from B1 to B3)

A1. select **SPP device**

```
S/B>       S  12:52
SPP device
HID device
dongle
ESC   ENTER      ↓
```

A2. Setting.. Completed.

```
Setting ...
        Completed!!!
```

B1. select **HID device**

```
S/B>       H  12:52
SPP device
HID device
dongle
ESC   ENTER      ↓
```

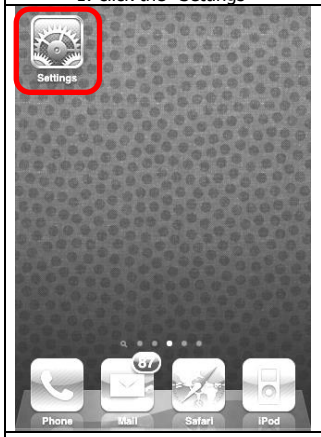
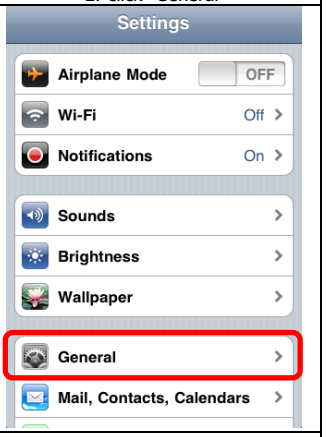
B2. select **Simple pairing** or **Pairing**

```
S/B/H>     H  12:52
Simple pairing
Pairing
ESC   ENTER      ↓
```

B3. Setting … Completed.

```
Setting ...
        Completed!!!
```

After you select what you want, press the orange button to enter the next or ESC button back to the previous.

1. click the "Settings"	2. click "General"
	
3. click "Bluetooth"	4. Turn it ON, and search the Devices
5. Select "Rxxxxxx" to connect	6. When see the "Connected" means the connection is OK.

(example: pairing with iPhone)

4. Please complete the connection procedures as the above photos.
5. After the connection is completed, the RED light will be **OFF**.
6. Before using WordPad file or appropriate APP, please set keyboard language of device to **US language**. Then, scan the barcodes and the barcode data will show on the cursor side.

Notes:

* This product complies with Bluetooth standards. This device that communicated with this product must support the same SPP or HID. For other Bluetooth devices with other profiles we cannot guarantee a connection before the product has been tested.
* The communication speed and range of the product may vary due to obstacles and radio wave condition between the product and device to which it is connected. Condition on the host device may also affect the communication speed and range of the scanner.

LED Indicator Information	
Orange LED ON	Full charged
Orange LED Flashing	Charging / Low battery
Red LED Continual ON	Off line / out of service
Red LED ON	Not read
Green LED ON	Good read
Orange LED ON	Good read (Batch mode)

Remark:

* When the battery power is too low, the Orange LED will flash and beep once. Scanner should be charged immediately.
* In case the power consumed out totally; the RTC (Real Time Clock) will back to original setting 01012000.
* If scanner shuts down it is recommended to charge it fully before turning it back on.
* Under power-saving mode, there will not be LED indication when charging.

Reset Configuration to Defaults

(scan from A1 to A6 for HID profile or B1 to B4 for SPP profile)

HID profile

A1

A2

A3

A4

A5

A6

SPP profile

B1

B2

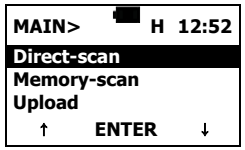
B3

B4

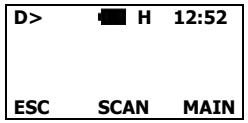
There are two operating modes on the scanner

1. Direct-scan Mode

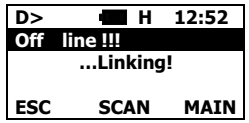
1. select **Direct-scan**



2a. BT connected, begin to scan the barcodes



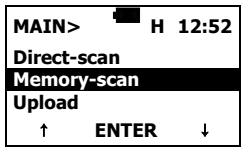
2b. BT is disconnected.



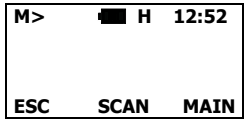
If BT is disconnected, please back to page #2 and do the pairing procedure again.

2. Memory-scan Mode

1. select **Memory-scan**



2. begin to scan the barcodes

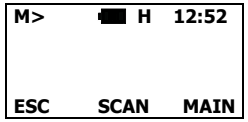


Under Memory-scan mode, enable/disable "Quantity entry" function

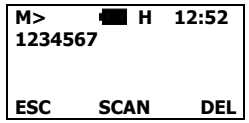
Disable "Quantity entry" (default)

1. disable "Quantity entry" Setting code

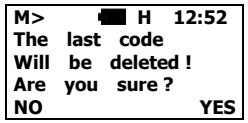
2. begin the scan the barcodes



3. press **DEL** to delete the last barcode data



4. be sure that you want to delete the last barcode.



Enable "Quantity Entry" function,

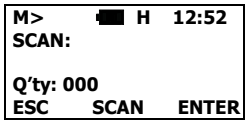
decide the order of the output data to your device first

1. Q'ty first, then, barcode

2. Barcode first, then, Q'ty

3. Enable "Quantity Entry" Setting code

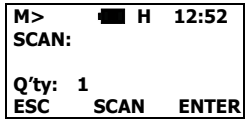
4. begin the scan the barcodes



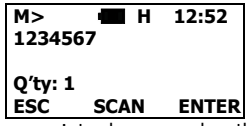
When "Quantity Entry" is enabled, decide how to type-in the number.

By button (default)
C1. enable

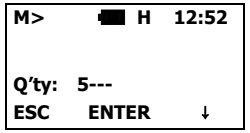
C2. scan the barcode



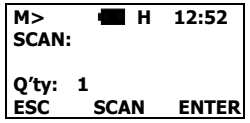
C3. Press the ENTER to type the q'ty



C4. press ↓ to choose number, then, press ENTER to confirm

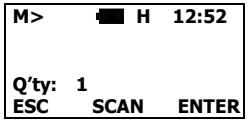


5. Then, scan the next barcode

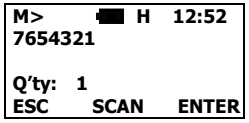


By scanning the number code
D1. enable

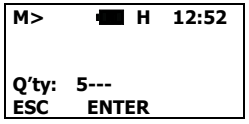
D2. scan the barcodes



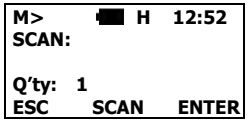
D3. Press the ENTER to type the q'ty



D4. scan numeric code (page #5)

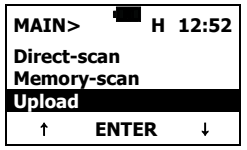


5. end by **X** code, then, be ready to scan the next

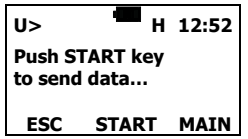


Upload data (Memory-scan)

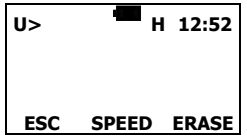
1. press **ESC,** select **Upload**



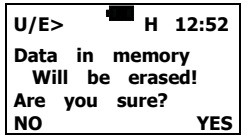
2. BT connected, press **START** to send data



3. After data upload, press **ERASE** to delete memory data



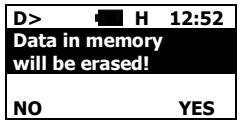
4. be sure that you want to delete memory data.



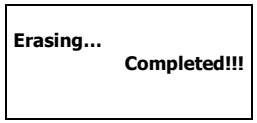
5. After you delete the memory data, it will be back to **MAIN MENU**

Switch from Memory-scan to Direct-scan mode

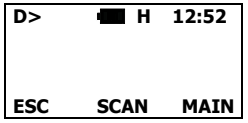
1. switch **Memory-scan** to **Direct-scan** mode



2. must **delete** all data in the memory

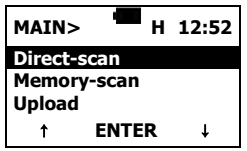


3. begin to scan the barcode

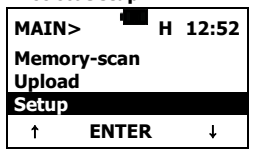


Power-saving Mode

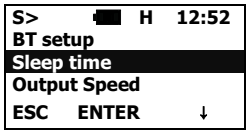
1. Main MENU



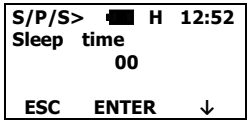
2. select **Setup**



3. select **Sleep time**



4. press ↓**,** decide the time to enter sleeping mode

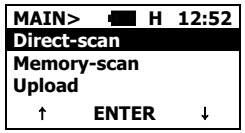


* When charging, the scanner will not enter power-saving mode automatically.

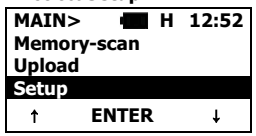
Transmission Speed

Transmission speed is dependent on your device. In order not to lose data, please choose the correct speed.

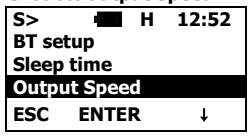
1. Main MENU



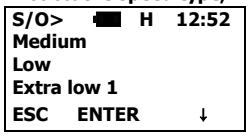
2. select **Setup**



3. select **Output Speed**

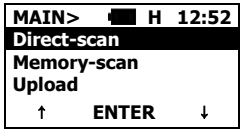


4. select **the speed type,**

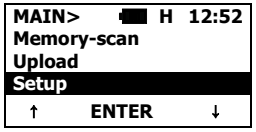


RTC (Real-time clock)

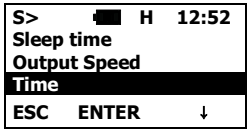
1. Main MENU



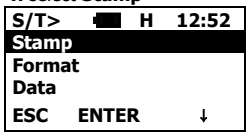
2. select **Setup**



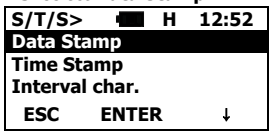
3. select **Time**



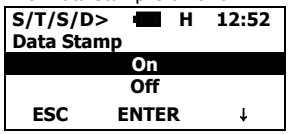
4. select **Stamp**



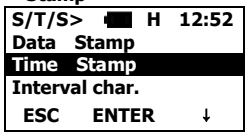
5. select **Data Stamp**



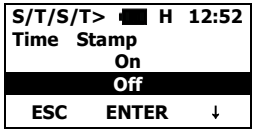
6. Data Stamp is on or off.



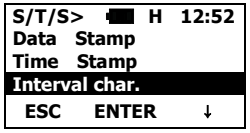
7. press **ESC,** select **Time Stamp**



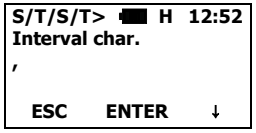
8. Time Stamp is on or off



9. press **ESC,** select **Interval char.**

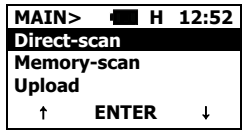


8. select **Interval char.**

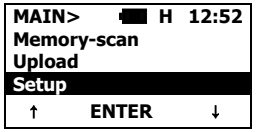


The format of Date setting

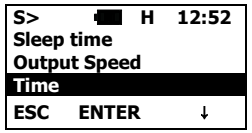
1. Main MENU



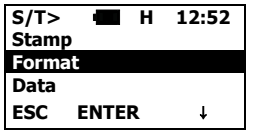
2. select **Setup**



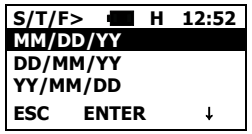
3. select **Time**



4. select **Format**

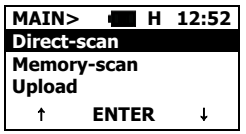


5. select the format of date

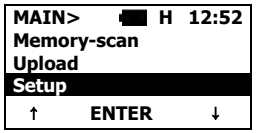


Date setting

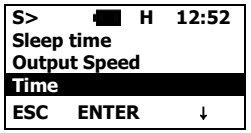
1. Main MENU



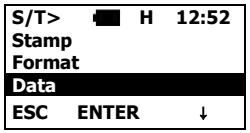
2. select **Setup**



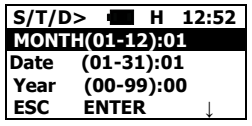
3. select **Time**



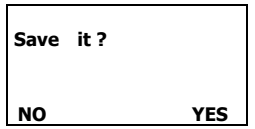
4. select **Data**



5.set the date, press ↓ to select number, then, press **ENTER** to go to the next

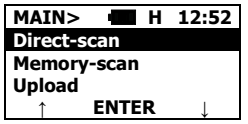


6. Save the date data

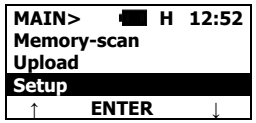


Time setting

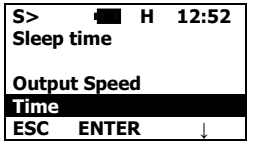
1. Main MENU



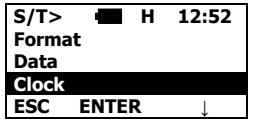
2. select **Setup**



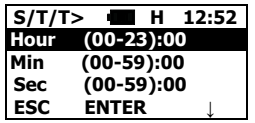
3. select **Time**



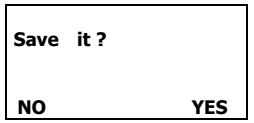
4. select **Clock**



5. set the time. Press ↓ to select the number, then, press the **ENTER** to go the next



6. save the time setting



Trigger Mode

Trigger always
(Trigger available at any time)

Trigger standard **(Default)**
(Trigger available, after data sent to the device)

How to append a "prefix" or a "suffix" to the barcode data

prefix

suffix

1. Scan above configuration code for Prefix or Suffix
2. Enter the required values (right, numeric barcode) for Prefix or Suffix using the hex values for the desired HEX values from Prefix & Suffix TABLE (below page)"
3. Then, end by scanning Code X (below, right)

* The max. of special characters is 5.
* When you append 1~4 required values for Prefix or Suffix, it must end with Code X.
* It doesn't need Code X, if you append 5 values to barcode data.

How to delete Prefix or Suffix

1. Scan above configuration code for Prefix or Suffix
2. Enter the "0" "0" (above, right)
3. Then end by scanning Code X (below, right)

Numeric barcode for settings

0 6 C

1 7 D

2 8 E

3 9 F

4 A

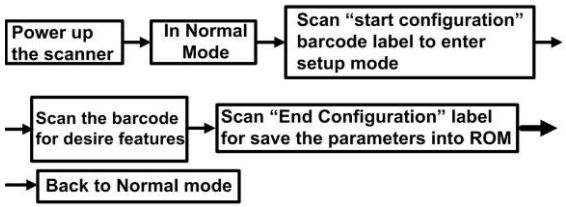
5 B X

Prefix & Suffix TABLE

HEX	HID (SPP)	HEX	HID (SPP)	HEX		HEX		HEX		HEX	
01	CTRL A (SOH)	19	CTRL Y (EM)	20	SPACE	38	8	50	P	68	h
02	CTRL B (STX)	1A	CTRL Z(SUB)	21	!	39	9	51	Q	69	i
03	CTRL C (ETX)	1B	ESC (ESC)	22	"	3A	:	52	R	6A	j
04	CTRL D (EOT)	1C	CTRL \ (FS)	23	#	3B	;	53	S	6B	k
05	CTRL E (ENQ)	1D	CTRL] (GS)	24	$	3C	<	54	T	6C	l
06	CTRL F (ACK)	1E	CTRL ^ (RS)	25	%	3D	=	55	U	6D	m
07	CTRL G (BEL)	1F	CTRL _ (US)	26	&	3E	>	56	V	6E	n
08	Backspace (BS)			27	'	3F	?	57	W	6F	o
09	Tab (HT)			28	(	40	@	58	X	70	p
0A	CTRL J (LF)			29	)	41	A	59	Y	71	q
0B	CTRL K (VT)			2A	*	42	B	5A	Z	72	r
0C	CTRL L (FF)			2B	+	43	C	5B	[	73	s
0D	Enter (CR)			2C	,	44	D	5C	\	74	t
0E	CTRL N (SO)			2D	-	45	E	5D	]	75	u
0F	CTRL O (SI)			2E	.	46	F	5E	^	76	v
10	CTRL P (DLE)			2F	/	47	G	5F	_	77	w
11	CTRL Q (DC1)			30	0	48	H	60	`	78	x
12	CTRL R (DC2)			31	1	49	I	61	a	79	y
13	CTRL S (DC3)			32	2	4A	J	62	b	7A	z
14	CTRL T (DC4)			33	3	4B	K	63	c	7B	{
15	CTRL U (NAK)			34	4	4C	L	64	d	7C	|
16	CTRL V (SYN)			35	5	4D	M	65	e	7D	}
17	CTRL W (ETB)			36	6	4E	N	66	f	7E	~
18	CTRL X (CAN)			37	7	4F	O	67	g		

Barcode Configuration Method:

(Flow chart for setup procedure :)



Start Configuration

End Configuration

Symbologies -1

EAN-13

ENABLE DISABLE

EAN-8

ENABLE DISABLE

CODE 39

ENABLE DISABLE

CODE 93

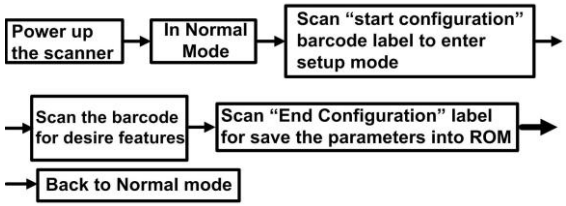
ENABLE DISABLE

TELEPEN

ENABLE DISABLE

Barcode Configuration Method:

(Flow chart for setup procedure :)



Start Configuration

End Configuration

Symbologies -2

Interleave 25

ENABLE DISABLE

Industrial 25

ENABLE DISABLE

CODE 11

ENABLE DISABLE

UPC-A

ENABLE DISABLE

Symbologies -3

UPC-E

ENABLE DISABLE

IATA

ENABLE DISABLE

CODABAR

ENABLE DISABLE

MSI/PLESSEY

ENABLE DISABLE

1. Pull out the USB cover its slot

2. Press inward firmly on the USB cover to reattach it

Top Bottom

Insert a thin object (e.g. a bent paper clip) into the small hole.
To click the reset button inside

Quick guide is subject to change without notice.

R_180808_01