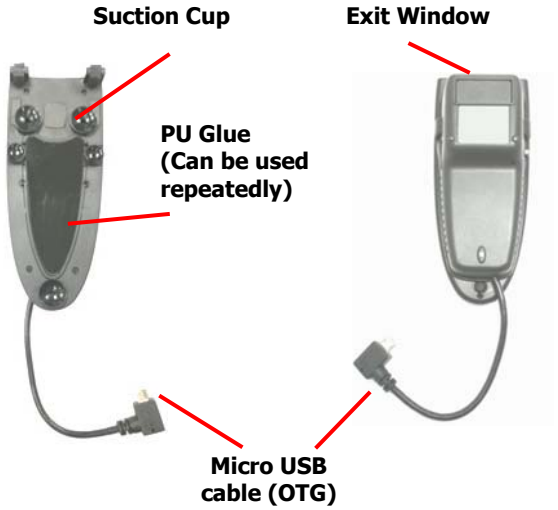
Quick Guide
- iDC9277A

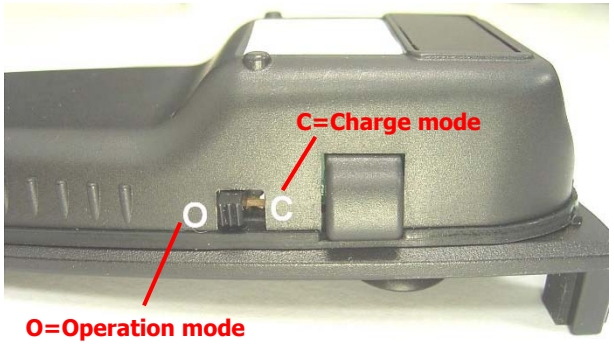
1



Connect to micro USB port of Smartphone

2

3



* Before you use scanner, please switch to "C- Charge mode" and charge inside battery for 3~4 hours first.
* Under "C- Charge mode", you can raise/lower soft-keyboard easily. (For HID profile only)

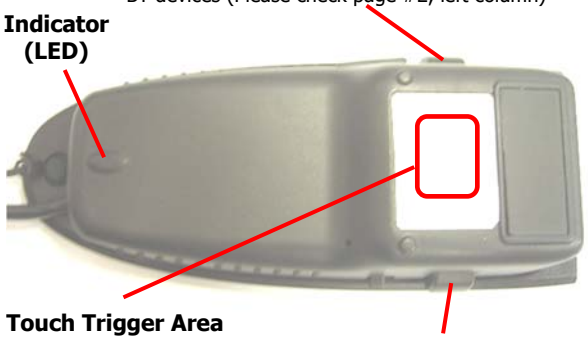
4

iDC9277A is with Li-Ion battery inside. When in charging, please use the original USB power adaptor of Smartphone (recommended). Through it, it charges both smartphone & iDC9277A batteries at the same time.
When in low battery (Orange LED flashing, beep once /per 4 seconds), please charge it immediately.

Attention: Please don't charge iDC9277A when in Operation mode. Otherwise, the smartphone's battery will charge back to iDC9277A's battery.

5

Left Button
Under BT HID Profile, press Left button to raise/lower soft-Keyboard; press the left button for 4 seconds to un-pair. Then, scanner can be connected with other BT devices (Please check page #2, left column)



** When pressing Left button + Right button for 8~9 seconds, iDC9277A will enter deep sleeping mode.
** Please press Left button + Right button + Touch trigger for 8~9 seconds to activate iDC9277A.
** The touch sensor area is around the central area.
Please check the above drawing for your reference.

LED Indicator Information	
Orange LED ON	Full charged
Orange and Red LED Flashing	Charging
Orange LED Flashing	Low battery
Red LED ON	Off line / out of service
Green LED ON	Good read
Orange LED ON	Good read (Batch mode)

How to Connect to Smartphone

1. Make sure your device has BT HID or SPP profile
2. Turn off Power-Saving mode on your smartphone first
3. Then, choose HID or SPP profile and scans the following 2 setting codes before connecting to smartphone.
   (a1 → a2 or b1 → b2)
   If you don't know what profile your device is, please try HID profile first, then, SPP profile.

HID profile **SPP profile**

a1 b1

a2 b2

4. Please complete the connection procedures as the right 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 **User's language**. Then, scan the barcodes and the barcode data will show on the cursor side.

Soft-Keyboard setting code for Android / iOS

For Android

For iOS

* Under Android system, if you want to raise/lower soft-keyboard, please read the above setting code first. Then, press left button (refer to drawing #5 on page #1) to raise keyboard (LED is RED /Bluetooth is offline), press it again to lower keyboard (LED is off/ Bluetooth is online)
***It will take 5~10 seconds to make BT online/offline.**
***Please be noted that when BT is offline, scanning function is stopped.**
***Or, switch "C" to "O" to make BT online. (Drawing 3, page #1)**

* Under iOS system, press Left button to raise/lower soft-Keyboard;

* Press the left button for 4 seconds to un-pair. Then, scanner can be connected with other BT devices

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)

Reset Configuration to Defaults

(scan from A1 to A8 for HID profile or B1 to B8 for SPP profile)

HID profile	SPP profile
A1	B1
A2	B2
A3	B3
A4	B4
A5	B5
A6	B6
A7	B7
A8	B8

There are two operating modes on the scanner

	1.Data Transmission mode **(Default)**	
		
	It is a necessary to scan "clean memory data" when switching between these two modes.	
	Within Bluetooth radio range	**Beyond Bluetooth radio range**
Data read	Transmit data to PC/terminal directly	Save data into scanner's memory, scanner will transmit data to PC/ terminal automatically when back to Bluetooth radio range.
	Enter Data Storage mode	
LED	Green/ Orange LED flashes followed by 3 beeps.	

	2.Data Storage mode **(Batch Mode)**
	
	It is a necessary to scan "clean memory data" when switching between these two modes.
Data read	Save data directly to scanner's memory, It will transmit the data to PC/ terminal after you scan the **Transmit memory data** code. To delete data please scan the **Clean memory data** code.
	Enter Data Transmission mode
LED	Green/Orange LED flashes followed by 3 beeps.
	Always **Clean memory data** before switching to Data Transmission Mode. Otherwise Red/ Orange LED will flash with one long beep and will not switch modes.

Under Data storage Mode

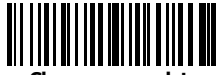
The data can be keep or delete by option after transmit

Keep the data **(Default)**

Delete the data

Transmit memory data

Green/Orange LED Flashes followed by 3 beeps



Clean memory data

Green/Orange LED flashes followed by 3 beeps

The barcode data which is stored in the memory will be deleted.

Trigger Mode

Trigger always
(Trigger available at any time)

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

Transmission Speed

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

High-speed transmission

Middle-speed transmission

Slow-speed transmission **(Default)**

Ultra Slow-speed **1** transmission

Ultra Slow-speed **2** transmission

Ultra Slow-speed **3** transmission

Power-saving Mode

Power-saving mode OFF

Power-saving mode ON **(Default)**:
Enter power-saving mode after 5-minute inactivity. This function converses battery power. When you press "SCAN/Power ON" button, it will wake up and begin to scan.

Power-saving mode ON:
Enter power-saving mode after 10-minute inactivity. This function converses battery power. When you press "SCAN/Power ON" button, it will wake up and begin to scan.

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

RTC (Real-time clock), please set the punctuation mark at the same time

You must scan the below configuration barcode to set the date & time stamp on the scanner.

Date information: ENABLE

Date information: DISABLE **(default)**

Time information: ENABLE

Time information: DISABLE **(default)**

The format of Date setting

Date format 1: mm/dd/20yy **(default)**
For example: 01/23/2011

Date format 2: dd/mm/20yy
For example: 23/01/2011

Date format 3: 20yy/mm/dd
For example: 2011/01/23

The punctuation marks for the intervals among barcode data, date, time

, comma **(default)** – FOR Android/iOS use
For example:
ABCD,01/23/2011,12:34:56

Tab – FOR iOS use
For example:
ABCD 01/23/2011 12:34:56

; semicolon – FOR Android/iOS use
For example:
ABCD;01/23/2011;12:34:56

Date and Time setting

SET DATE

Scan the **SET DATE** barcode, then, scan the six numeric digits in the format mm/dd/yy, from the numeric barcode.
For example: "01/23/2011", please input 012311

SET TIME

Scan the **SET TIME** barcode, then, scan the six numeric digits in the format hh:mm:ss from the numeric barcode. Time format: 24hr clock
For example: "PM 3:25:30", please input "152530"

Keyboard Country (For HID profile only)

Scan the appropriate country code as below to program the keyboard layout for your country or language. As a general rule, the following characters are supported, but need special care for countries other than the United States: @ | $ # { } [ ] = / ` \ < > ~

Follow the steps mentioned below to program.

1. Keyboard Country setting code.
2. "Select Country Code"

Read numeric barcode (according to country code).

Country/ Language	No.	Country/ Language	No.	Country/ Language	No.
U.S.	10	Netherlands	26	Switzerland French	45
Latin America	11	Hungary	27	Switzerland German	46
Brazil	12	Italian	28	Sweden	47
Belgium	20	Icelandic	29	Turkey F	48
Bulgarian Latin	21	Norway	30	Turkey Q	49
Denmark	22	Poland	41	Japan	71
Finland	23	Portugal	42	Korea	72
France	24	Russia	43	Thai	73
Germany	25	Spain	44	Vietnam	74

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, left)
3. then end by scanning Code X (below, right)

Numeric barcode for settings

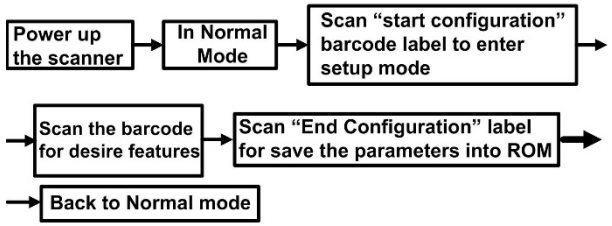
0 1 2 3 4 5 6 7 8 9 A B C D E F X

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)	HEX	HID Only	28	(	40	@	58	X	70	p
0A	CTRL J (LF)	80	F1	29	)	41	A	59	Y	71	q
0B	CTRL K (VT)	81	F2	2A	*	42	B	5A	Z	72	r
0C	CTRL L (FF)	82	F3	2B	+	43	C	5B	[	73	s
0D	Enter (CR)	83	F4	2C	,	44	D	5C	\	74	t
0E	CTRL N (SO)	84	F5	2D	-	45	E	5D	]	75	u
0F	CTRL O (SI)	85	F6	2E	.	46	F	5E	^	76	v
10	CTRL P (DLE)	86	F7	2F	/	47	G	5F	_	77	w
11	CTRL Q (DC1)	87	F8	30	0	48	H	60	`	78	x
12	CTRL R (DC2)	88	F9	31	1	49	I	61	a	79	y
13	CTRL S (DC3)	89	F10	32	2	4A	J	62	b	7A	z
14	CTRL T (DC4)	8A	F11	33	3	4B	K	63	c	7B	{
15	CTRL U (NAK)	8B	F12	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

1D Symbologies – 1

ENABLE		DISABLE
	CODE 39	
	CODE 39 Transmit Start/Stop Character	
	CODE 39 FULL ASCII	
	CODE 11	

1D Symbologies – 2

ENABLE		DISABLE
	ISSN	
	ISBN	
	UPC-E	
	UPC-A	
	Interleaved 25	
	Matrix 25	
	EAN-8	
	EAN-13	
	MSI	

1D Symbologies – 3

ENABLE		DISABLE
	GS1-Databar (RSS)	
	GS1-Databar (RSS-Limited)	
	GS1-Databar (RSS-Expand)	
	GS1-128 UCC/EAN-128	
	CODE 93	
	Industrial 25	
	CODABAR	

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