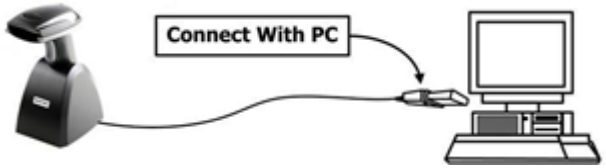
Programming Quick Guide -iLS6307LBU/iLS6307LB

Connecting the Scanner

Be sure that PC is turned OFF, before Connect scanner cable to the PC USB port on the PC as below described, Ensure that all connections are ready, and turn on your PC.



1. Please switch ON and charge scanner for 4~5 hours at first time before use. Scanner switch shown on Fig. 2.
2. After switch ON, the Orange LED will flash following with 3 beep-sounds. The RED LED will be OFF while it links to cradle within 2.4GHz radio range.
3. If RED LED is continual ON, please re-plug USB cable, then, scan the 3 barcodes on the bottom of cradle sequentially. (Shown on Fig. 3 from 1 to 3). If you are unable to complete this setting within 1 minute, please re-plug USB cable & re-start the scanner, and try again.
4. Charging issue: Cradle works as charger when putting scanner on it. Even if the scanner's battery is full, the cradle will continue to supply power to the scanner. We suggest you to remove scanner from cradle when scanner is charged fully

* **Note:** Please install PL-2303 driver for **iLS6307LB**

Fig. 1

Fig. 2

Fig. 3

LED Indicator Information	
Orange LED ON	Full charged
Orange LED Flashing	Charging / Low battery
Red LED ON	Offline / out of service
Green LED ON	Good read

Remark:

* When the battery power is too low, the Orange LED will flash and beep once. Scanner should be charged immediately.
* 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 A4 for iLS6307LBU or B1 to B5 for iLS6307LB)

iLS6307LBU

A1

A2

A3

A4

iLS6307LB

B1

B2

B3

B4

B5

* **Note:** Please install PL-2303 driver for **iLS6307LB**

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 (**Default**)

Slow-speed Transmission

Ultra Slow-speed **1** transmission

Ultra Slow-speed **2** transmission

Ultra Slow-speed **3** transmission

Bluetooth Auto-connection

Bluetooth Auto-connection **ON**:
When out of range, it will keep trying to connect to device, scanner will not enter power-saving mode.

Bluetooth Auto-connection **OFF**:
When you are out of BT signal range, scanner will stop sending auto-connection signal to device after 2 minutes. During this time, it will not enter power-saving mode.
Once you are back within range, press trigger to connect to the device. **(Default)**

Keyboard Country(For USB HID 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: @ | $ # { } [ ] = / ` \ < > ~

USA
(Original setting)

Italian

Norway

France

Germany

Vietnam

Sweden

Spain

Denmark

Portugal

Switzerland (F)

Hungary

Latin America

Icelandic

Brazil

Poland

Belgium

Turkey F

.

Bulgarian Latin

Turkey Q

Finland

Japan

Netherlands

Korea

Thai

Russia

Switzerland German

*The different keyboard language option starts from June. 2017.

Power-saving Mode

Power-saving mode OFF

Power-saving mode ON **(Default)**:
Enter power-saving mode after 3-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

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 (blew 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

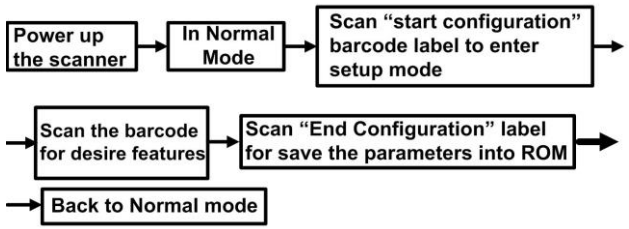
X

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

1D Symbologies – 1

Interleaved 2 of 5

ENABLE DISABLE

ISSN

ENABLE DISABLE

ISBN

ENABLE DISABLE

1D Symbologies – 2

GS1-Databar (RSS)

ENABLE DISABLE

UPC-E

ENABLE DISABLE

UPC-A

ENABLE DISABLE

GS1-128 UCC/EAN-128

ENABLE DISABLE

Code 93

ENABLE DISABLE

Code 39

ENABLE DISABLE

1D Symbologies – 3

EAN-8

ENABLE

DISABLE

EAN-13

ENABLE

DISABLE

Codabar

ENABLE

DISABLE

2D Symbologies

Data Matrix

ENABLE

DISABLE

QR Code

ENABLE

DISABLE

Micro QR Code

ENABLE

DISABLE

PDF 417

ENABLE

DISABLE