**Programming Quick Guide**

**iLS6300BQ**

**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, 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).
4. Charging issue: Cradle works as charger when putting scanner on it. When the scanner's battery is charged fully, please press the switch off. Then, cradle will stop supplying power to the scanner.

*Please remove the protective sticker from window before use.

![Connect With PC](image)

**Indication Information (Scanner)**

- **Orange continual ON**: Full charged
- **Orange LED Flashing**: Charging / Low battery
- **Red LED ON**: Not read
- **Red LED Continual ON**: Off line / out of service
- **Green LED ON**: Good read
- **Green LED ON (Data storage mode)**: Good read

- **Please charge scanner immediately when Orange OED flash & with one beep sound (Low battery) or it will mandatorily showdown. When it shuts down, please charge it fully, then, repower on scanner.
- **Under power-saving mode, there will not be LED indication when in charging.**

**Reset Configuration to Defaults**

Scan following 6 setting codes for default. (from #1 to #6)

- **Transmit memory data**: Orange LED flashes, in turn ending with 3 beeps.
- **Clean memory data**: Orange LED Flashing with 3 beep

Make sure you heard the beeper sound, then go on to scan next barcode to complete setting.

- **Indicator Information (Scanner)**

<table>
<thead>
<tr>
<th>Indicator Information (Scanner)</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orange continual ON</td>
<td>Full charged</td>
</tr>
<tr>
<td>Orange LED Flashing</td>
<td>Charging / Low battery</td>
</tr>
<tr>
<td>Red LED ON</td>
<td>Not read</td>
</tr>
<tr>
<td>Red LED Continual ON</td>
<td>Off line / out of service</td>
</tr>
<tr>
<td>Green LED ON</td>
<td>Good read</td>
</tr>
<tr>
<td>Green LED ON (Data storage mode)</td>
<td>Good read</td>
</tr>
</tbody>
</table>

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<tr>
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</tbody>
</table>

**There are two operation modes of USB HID**

<table>
<thead>
<tr>
<th>1. Data Transmission mode</th>
<th>2. Data Storage mode (Batch mode)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Red LED ON</strong></td>
<td><strong>Orange LED Flash</strong></td>
</tr>
<tr>
<td><strong>Switch into Data Storage mode</strong></td>
<td><strong>Switch into Data Transmission mode</strong></td>
</tr>
<tr>
<td>Data read</td>
<td>Save data in scanner’s memory, scanner will transmit data to PC/terminal automatically after getting back to 2.4GHz radio range.</td>
</tr>
<tr>
<td>Transmit data to PC/terminal directly</td>
<td>Save data in scanner’s memory, scanner will transmit data to PC/terminal after read the transmit memory data setting code. To delete data please read the clean memory data setting code.</td>
</tr>
</tbody>
</table>

**It is a compulsory step to scan “clean memory data” when interchange these two modes, to avoid error.**

Within 2.4GHz radio range

<table>
<thead>
<tr>
<th>Data read</th>
<th>Transmit data to PC/terminal directly</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED</td>
<td>Green/ Orange LED flashes, in turn ending with 3 beeps.</td>
</tr>
</tbody>
</table>

Beyond the 2.4GHz radio range

<table>
<thead>
<tr>
<th>Data read</th>
<th>Save data in scanner’s memory, scanner will transmit data to PC/terminal after read the transmit memory data setting code. To delete data please read the clean memory data setting code.</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED</td>
<td>Green/ Orange LED flash in turn ending with 3 beeps.</td>
</tr>
</tbody>
</table>

Please always **Clean memory data first before interchange into Data Transmission. Otherwise Red/ Orange LED will flash with one long beep sounds and unable to change.**
**LED Indicator Information (Cradle)**

<table>
<thead>
<tr>
<th>LED Indicator</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red LED ON</td>
<td>Can supply power to scanner</td>
</tr>
<tr>
<td>Red LED OFF</td>
<td>Stop supplying power to scanner</td>
</tr>
</tbody>
</table>

When the scanner is fully charged, you can press the switch to stop supplying power to scanner. This way can extend the life-time of battery.

**Keyboard Country (For USB HID only)**

Scan the appropriate country code as below to program the keyboard for your country or language.

As a general rule, the following characters are not supported by the scanner for countries other than the United States: `@ | $ # { } [ ] = / ' < > ~`

- USA (Original setting)
- Italian
- Norway
- France
- Germany
- Vietnam
- Sweden
- Spain
- Denmark
- Portugal
- Switzerland
- Hungary

**Transmission Speed**

- **High-speed transmission for PC uses.**
- **Slow-speed transmission for PC use (Default).**

**Wireless Auto-connection**

- **Wireless Auto-connection ON:** When out of range, it will keep trying to connect to device.
- **Wireless Auto-connection OFF:** When out of range, it will stop auto-connecting after sending a signal for connecting twenty times. When back to the range, kindly press the trigger to connect to the device. *(Default)*

**Power-saving Mode**

- **Power-saving mode OFF**
- **Power-saving mode ON:** Enter power-saving mode after no usage for one minute. This function can extend the usage time of battery. When you press "SCAN/Trigger" button, it will wake up and begin to scan. *(Default)*

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

**Barcode Configuration Method:** (Flow chart for setup procedure)

1. Power up the scanner → In Normal Mode → Scan "abort configuration" barcode label to enter setup mode
2. Scan the barcode for desired features → Scan "Start Configuration" label for save the parameters into ROM
3. Scan "Abort Configuration" for give up setting procedure
4. Scan "End Configuration" label
5. Back to Normal mode

**READING MODE**

- SINGLE SCAN: Single read, laser turns off after reading
- SINGLE SCAN NO TRIGGER: Press release button, Laser stays on for 2 seconds and then turns off after reading
- DOUBLE CHECK (ENABLE): Scanner reads barcode twice, with automatic comparison. With a matching result, it will be transferred to the computer
- DOUBLE CHECK (DISABLE): Disable the DOUBLE CHECK function.
Barcode Configuration Method: (Flow chart for setup procedure)

1. Power up the scanner
2. In Normal Mode
3. Scan "select configuration" barcode label to enter setup mode
4. Scan the barcode for desired features
5. Scan "Abort Configuration" for give up setting procedure
6. Scan "End Configuration" label for save the parameters into ROM
7. Back to Normal mode

Abort Configuration

Start Configuration

End Configuration

### Symbologies On/OFF - 1

- **CODE 128**
  - **ENABLE**
  - **DISABLE**
- **CODABAR**
  - **ENABLE**
  - **DISABLE**
- **INTERLEAVE 25**
  - **ENABLE**
  - **DISABLE**
- **INDUSTRIAL 25**
  - **ENABLE**
  - **DISABLE**
- **MATRIX 25**
  - **ENABLE**
  - **DISABLE**

### Symbologies On/OFF - 2

- **CHINA POSTAGE**
  - **ON**
  - **OFF**
- **UPC-A**
  - **ENABLE**
  - **DISABLE**
- **UPC-E**
  - **ENABLE**
  - **DISABLE**
- **EAN-13**
  - **ENABLE**
  - **DISABLE**

### Symbologies On/OFF - 3

- **EAN-8**
  - **ENABLE**
  - **DISABLE**
- **MSI**
  - **ENABLE**
  - **DISABLE**
- **PLESSEY-A**
  - **ENABLE**
  - **DISABLE**
- **CODE 11**
  - **ENABLE**
  - **DISABLE**
- **TELEPEN**
  - **ENABLE**
  - **DISABLE**
- **CODE 39**
  - **ON**
  - **OFF**
- **CODE 32**
  - **ON**
  - **OFF**
- **CODE 93**
  - **_ENABLE**
  - **DISABLE**