**Laser Barcode Scanner**

**Model no.**

BCS500

**QUICK GUIDE**

**INTRODUCTION**

The BCS500 laser barcode scanner has incorporated the latest wireless blue-tooth technology. The technology provides customer with the freedom of mobility, with long communication range from the charging cradle.

The bar code scanner requires establishing communications with its charging cradle (built-in dongle). After communications have been established between the scanner and charging cradle, future bar code scans will be transmitted from the scanner to the cradle and from the cradle to the host.

For power supply, the charging cradle of BCS500 also works as a battery charger for the scanner. Users can plug in the 5V DC power adaptor to charge the scanner.

**Package of BCS500 series should contain:**
1. BCS500 Laser Barcode Scanner
   (Rechargeable Li-Ion battery pack inside)
2. Charging Cradle with USB cable & DC plug
3. Power Adaptor (5V/1A)

<table>
<thead>
<tr>
<th></th>
<th>RED</th>
<th>BLUE</th>
<th>ORANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ON</strong></td>
<td>Not read</td>
<td>Good read</td>
<td></td>
</tr>
<tr>
<td><strong>Continual ON</strong></td>
<td>Off line / out of service range</td>
<td>Low power</td>
<td></td>
</tr>
<tr>
<td><strong>Blinking</strong></td>
<td>Wireless connection not linked</td>
<td>Charging</td>
<td></td>
</tr>
</tbody>
</table>

P.S. If scanner is not in use, it will automatically switch to sleep mode after 30 min.

* When out of range the laser will power on but will not scan.

**INSTALLATION**
Insert the plug on the free end of the Communications Cable into the appropriate connector on the host as below described:

**USB Connection (RS232 data format)**

1. Please switch on and charge the scanner for 6 hours before installing the driver for the first time.
2. Install the software “PL-2303 Driver Installer.exe” to the host system for the BCS500.
3. Connect scanner cradle to the USB port on the host system. Once linked the red led light on scanner will go off. If it stays ON please re-plug the USB connector again and click on reset button shown in the picture.

4. Go to **My Computer** → One click right button of mouse → **Administratre** → **Device Administrator** → **Connect Port (COM and LPT)**.
5. Choose **Prolific USB-to-Serial Com Port**, and see identify COM number, ex. COM 5.
6. Go to **START** → **Programs** → **Accessories** → **Communications** → **Hyper Terminal**.

Detail set up on the Hyper Terminal, please see at the Figure 1 to Figure 3.

**Figure 2**
- Step 1: key-in a file name
- Step 2: select the first
- Step 3: press OK
- No need to key-in
- Step 1: key-in the identify COM number, ex. COM 5
- Step 2: press OK

**Figure 3**
- Row 1: key-in “9600”
- Row 2: key-in “8”
- Row 3: key-in “none”
- Row 4: key-in “1”
- Row 5: key-in “none”
- Press OK
7. Begin by aiming the scanner at a bar code. You should see data shown on the hyper terminal.

**Reset Configuration to Defaults**

If you are unsure of the scanner configuration or have scanned the incorrect codes, please scan the “Reset Configuration to Defaults” barcode. This will reset the scanner to its factory settings.

<table>
<thead>
<tr>
<th>RESET CONFIGURATION TO DEFUALTS</th>
<th>OUTPUT MODE - SERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Barcode Image" /></td>
<td><img src="image2" alt="Barcode Image" /></td>
</tr>
<tr>
<td>0B</td>
<td>000601</td>
</tr>
<tr>
<td>STRING #1 – TERMINATION CHAR - CR</td>
<td></td>
</tr>
<tr>
<td><img src="image3" alt="Barcode Image" /></td>
<td></td>
</tr>
<tr>
<td>0220201000$0D</td>
<td></td>
</tr>
</tbody>
</table>

**Tip**

Do not hold the scanner directly over a bar code at 90°. Scanned light that bounces directly back into the scanner from the barcode label is known as specular reflection and will create a “dead zone” where decoding is difficult. Practice a few times to find what range of angles works best.

**Maintenance**

Cleaning the scan window is the only maintenance required. A dirty window may affect scanning accuracy.

Wipe the scanner window gently with a lens tissue or other material suitable for cleaning optical material.

Do not spray water or other cleaning liquids directly onto the window.