

# 2D WIRELESS BARCODE SCANNER

## Quick Guide



2D WIRELESS SCANNER QUICK GUIDE (REV1)  
P/N: 8013-0078000

### FCC WARNING STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### CANADIAN DOC STATEMENT

This digital apparatus does not exceed the Class B limits for radio noise for digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la classe B prescrites dans le Règlement sur le brouillage radioélectrique édicté par les ministères des Communications du Canada.

### CE MARKING AND EUROPEAN UNION COMPLIANCE

Testing for compliance to CE requirements was performed by an independent laboratory. The unit under test was found compliant with all the applicable Directives, 2004/108/EC and 2006/95/EC.

### WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT

The WEEE directive places an obligation on all EU-based manufacturers and importers to take-back electronic products at the end of their useful life.

### ROHS STATEMENT OF COMPLIANCE

This product is compliant to Directive 2002/95/EC.

### NON-MODIFICATION STATEMENT

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment



### WARNING AND CAUTION

|  |   |
|--|---|
|  | 1. Take any metals into contact with the terminals in connectors.<br>2. Use the scanner where any inflammable gases.  |
|  | If following condition occur, immediately power off the host computer, disconnect the interface cable, and contact your nearest dealer.<br>1. Smoke, abnormal odors or noises come from the scanner.<br>2. Drop the scanner so as to affect the operation or damage its housing.  |
|  | Do not do behavior below.<br>1. Put the scanner in places excessively high temperatures such as expose under direct sunlight.<br>2. Use the scanner in extremely humid area or drastic temperature changes.<br>3. Place the scanner in oily smoke or steam environment such as cooking range.<br>4. Be covered or wrapped up the scanner in bad-ventilated area such as under cloth or blanket. |
|  | 5. Insert or drop foreign materials or water into scanning window or vents.   |
|  | 6. Using the scanner while hand is wet or damp.   |
|  | 7. Use the scanner with anti-slip gloves containing plasticizer and chemicals or organic solvents such as benzene, thinner, insecticide etc to clean the housing. Otherwise, it could not result fire and electrical shock but housing may be broken and injured.   |
|  | 8. Scratch or modify the scanner and bend, twist, pull or heat its interface cable.   |
|  | 9. Put heavy objects on interface cable.  |
|  | Do not stare the light source from the scanning window or do not point the scanning window at other people's eyes or eyesight may be damaged by direct exposure under the light.  |
|  | Do not put the scanner on an unstable or inclined plane.<br>The scanner may drop, creating injuries.  |
|  | Once the interface cable is damaged such as exposed or broken copper wires, stop using immediately and contact your dealer. Otherwise, it could result fire or electrical shock.  |

### BEEPER INDICATION

|   |                                    |
|---|------------------------------------|
| Single short beep                         | i. Wireless connection             |
|   | ii. Good read                      |
| Single long beep                          | Power down                         |
| Two beeps                                 | Wireless disconnection             |
| Two beeps (high-low)                      | Successful configuration           |
| Two beeps (low-high)                      | Good read (Memory Mode)            |
| Three short beeps                         | Reads a barcode while disconnected |
| Three beeps (low-medium-high)             | Successful configuration           |
| One short beep & one long beep (low-high) | Power up                           |
| One short beep & one long beep (high-low) | Power off                          |
| Seven beeps (shuts down thereafter)       | Low power (Battery life < 5%)      |

### LED INDICATION

|                       |                        |
|-----------------------|------------------------|
| Flashing blue & green | Discoverable in BT HID |
| Flashing blue         | Discoverable in BT SPP |
| Solid blue            | Connected              |
| 1 green flash         | Good read / Power up   |
| 2 green flashes       | Disconnected           |
| Solid red             | Charging               |

### GETTING CONNECTED (CRADLE MODE, USB)

The following steps apply to the scanner paired with a charging cradle whose bottom label is printed with "USB HID":

1. Plug the charging cradle to host device with an USB cable.
2. Power up the scanner by pressing the trigger.
3. Scan USB HID Cradle Mode (recommended) or USB VCP Cradle Mode.



USB HID  
Cradle Mode



USB VCP  
Cradle Mode

4. The scanner will emit one short beep with LED indicator turning solid blue after successfully connecting to charging cradle. If the charging cradle fails to connect to the scanner, scan Disconnect, as seen in step 3 of Getting Connected (BT HID), unplug the cable from charging cradle and plug it back. The charging cradle will be able to connect to the nearest scanner when the cable is plugged.
5. To swap charging cradle, please follow step 1 ~ 3, and then scan Disconnect, as seen in step 3 of Getting Connected (BT HID), unplug the cable from the charging cradle you want to disconnect, and plug the cable to the charging cradle you want to connect. The charging cradle will be able to connect to the nearest scanner when the cable is plugged.

### GETTING CONNECTED (CRADLE MODE, RS232)

The following steps apply to the scanner paired with a charging cradle whose bottom label is printed with "RS232":

1. Plug the charging cradle to host device with an RS232 cable.
2. Power up the scanner by pressing the trigger.
3. Scan RS232 Cradle Mode.



RS232  
Cradle Mode

4. The scanner will emit one short beep with LED indicator turning solid blue after successfully connecting to charging cradle. If the charging cradle fails to connect to the scanner, scan Disconnect, as seen in step 3 of Getting Connected (BT HID), unplug the cable from charging cradle and plug it back. The charging cradle will be able to connect to the nearest scanner when the cable is plugged.
5. To swap charging cradle, please follow step 1 ~ 3, and then scan Disconnect, as seen in step 3 of Getting Connected (BT HID), unplug the cable from the charging cradle you want to disconnect, and plug the cable to the charging cradle you want to connect. The charging cradle will be able to connect to the nearest scanner when the cable is plugged.

### GETTING CONNECTED (BT HID)

BT HID is compatible with iOS, Android and Windows and requires applications that accept keyboard data. Follow below steps:

1. Power up the scanner by pressing the trigger.
2. Scan BT HID.



BT HID

3. Press and hold the trigger until beeps with LED indicator flashing blue and green. Alternatively you may scan Disconnect.



Disconnect

4. Pair with "BarCode Scanner HID" from the discovered device list.
5. The scanner will emit one short beep with LED indicator turning solid blue after successfully connecting to the host device.

### GETTING CONNECTED (BT SPP)

BT SPP is compatible with Android and Windows. A serial communication software is required for this profile. Follow below steps:

1. Power up the scanner by pressing the trigger.
2. Scan BT SPP, the scanner will emit two beeps with LED indicator flashing blue.



BT SPP

3. Pair with "BarCode Scanner spp" from the discovered device list. If the host is unable to find the scanner in the discovered device list, scan Disconnect.



Disconnect

4. Enter serial communication software (TeraTerm, PuTTY, etc...) and open the serial port occupied by the scanner.
5. The scanner will emit one short beep with LED indicator turning solid blue after successfully connecting to host device.

GENERAL SETTINGS

DEFAULT



CHECK VERSION



BATTERY LIFE



SLEEP TIMEOUT



30 SECONDS



1 MINUTE



5 MINUTES



30 MINUTES



NEVER  
(Scanner Always On)



IMMEDIATE  
(Scanner Shuts Down)

BUZZER



LOW VOLUME



MEDIUM VOLUME



HIGH VOLUME

UPPER / LOWER CASE



ALL LOWER CASE



ALL UPPER CASE



INVERT CASE



AS IS

VIBRATOR



ON



OFF

iOS TOUCH KEYBOARD



TOGGLE iOS KEYBOARD

\*Note: Alternatively, simply double-click the trigger.

TERMINATOR



CR



LF



TAB



NONE



CR + LF

MEMORY MODE



ENTER MEMORY MODE



EXIT MEMORY MODE



UPLOAD MEMORY DATA



CHECK MEMORY DATA COUNT



ERASE MEMORY DATA

KEYBOARD LAYOUT



ENGLISH (US)



ENGLISH (UK)



ITALIAN



JAPANESE



GERMAN



GERMAN  
(iOS KEYBOARD)



PORTUGUESE



DUTCH



FRENCH



SPANISH



SWISS (GERMAN)



SWISS (FRENCH)

#### FCC Warning Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- - Reorient or relocate the receiving antenna.
- - Increase the separation between the equipment and receiver.
- - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- - Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The device has been evaluated to meet general RF exposure requirement.