2D Wireless (BT+2.4G) Barcode Scanner

Quick Guide

2D Wireless (BT+2.4G) Scanner Quick Guide (Rev1)
P/N: 8012-0090000

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 las classe B prescrites dans le Réglement sur le brouillage radioélectrique édicté par les ministère 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.
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.

1. Smoke, abnormal odors or noises come from the scanner.
2. Drop the scanner so as to affect the operation or damage its housing.

Do not do behavior below.

1. Put the scanner in places excessively high temperatures such as expose under direct sunlight.
2. Use the scanner in extremely humid area or drastic temperature changes.
3. Place the scanner in oily smoke or steam environment such as cooking range.
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

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.
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 beep	Good read
Two beeps (low tune)	i. Wireless connection
	ii. Charging
Two beeps (high tune)	Wireless disconnection
Two beeps (high-low)	i. Good read (Memory Mode)
	ii. Data transmission failed
Three beeps	Power up
Three beeps (high-medium-low)	Power down
Five short beeps	Low power

LED INDICATION

Flashing blue & red	Discoverable in Bluetooth Mode
Solid green	2.4G Mode
Solid blue	Connected in Bluetooth Mode
Solid red	Charging
Flashing red	Low power

2.4G MODE (CONNECT TO CRADLE)

To connect the scanner to charging cradle in 2.4G mode, please follow below steps:

1. Plug the charging cradle to host device with an USB cable.
2. Power up the scanner by pressing the trigger.
3. Scan the 2.4G Mode barcode at the bottom of charging cradle.
4. The scanner will automatically connects to the charging cradle, transfering barcode data via USB cable.

PAIRING OPERATION

Normally, you do not need to do this. Only follow instructions below when: (1) the connection with the charging cradle is lost, or (2) you want to connect one or more scanners to a new charging cradle.

1. Plug the charging cradle to host device with an USB cable.
2. Power up the scanner by pressing the trigger.
3. Scan Pair barcode within 30 seconds after connecting the charging cradle to the host device.

Pair

BLUETOOTH MODE - BT HID (DEFAULT)

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

1. Power up the scanner by pressing the trigger.
2. Scan Blueooth Mode, which is also printed at the bottom of charging cradle.

Bluetooth Mode

3. Scan BT HID.

BT HID

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

BLUETOOTH MODE - BT SPP

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

1. Power up the scanner by pressing the trigger.
2. Scan Blueooth Mode, which is also printed at the bottom of charging cradle.

Bluetooth Mode

3. Scan BT SPP.

BT SPP

4. Pair with "Scanner xxx-SPP" from the discovered device list.
5. Enter SPP communication software (e.g. Serial Bluetooth Terminal) and open the serial port occupied by the scanner.
6. The scanner will emit two short beep with LED indicator turning solid blue after successfully connecting to host device.

BLUETOOTH MODE - BT BLE

BT BLE is compatible with Android and iOS. A BLE communication software is required for this profile. Follow below steps:

1. Power up the scanner by pressing the trigger.
2. Scan Blueooth Mode, which is also printed at the bottom of charging cradle.

Bluetooth Mode

3. Scan BT BLE.

BT BLE

4. Pair with "Scanner xxx-GATT" from the discovered device list.
5. Enter BLE communication software (e.g. Serial Bluetooth Terminal) and connect the device using custom profile.
6. The scanner will emit two short beep with LED indicator turning solid blue after successfully connecting to host device.

GENERAL SETTINGS

DEFAULT

*Note: Scanning Default will prompt the scanner to Bluetooth Mode - BT HID.

BATTERY LIFE

SLEEP TIMEOUT

20 SECONDS

5 MINUTES

2 MINUTES

166 MINUTES
44 SECONDS

NEVER
(Scanner Always On)

IMMEDIATE
(Scanner Shuts Down)

BUZZER VOLUME

LOW VOLUME

MEDIUM VOLUME

HIGH VOLUME

UPPER / LOWER CASE

ALL LOWER CASE

ALL UPPER CASE

INVERT CASE

AS IS

CHARGING CRADLE - USB MODE

USB HID

USB COM

BUZZER ON/OFF

ON

OFF

iOS TOUCH KEYBOARD

TOGGLE iOS KEYBOARD

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

TERMINATOR

CR

CR+LF

TAB

NONE

MEMORY MODE

MEMORY MODE OFF

MEMORY MODE ON

UPLOAD MEMORY DATA

CHECK MEMORY DATA COUNT

ERASE MEMORY DATA

KEYBOARD LAYOUT

ENGLISH (US)

ENGLISH (UK)

ITALIAN

UNIVERSAL

GERMAN

POLISH

PORTUGUESE

DUTCH

FRENCH

SPANISH

SWISS (GERMAN)

SWISS (FRENCH)

MEMORY MODE - DUPLICATE DETECTION

OFF
(duplicate barcode allowed)

ON
(duplicate barcode not allowed)