# Wireless Communication

Wireless technology operates 80M with communication dongle. Maximum communication range may vary depending on obstacles (person, metal, wall, etc.) or electromagnetic environment.

The following conditions may affect the sensitivity of wireless communication. There is an obstacle such as a person, metal, or wall between this unit and wireless device.

This unit supports security capabilities that comply with the wireless standard to provide a secure connection when the wireless technology is used, but security may not be enough depending on the setting. Be careful when communicating using wireless technology.

We do not take any responsibility for the leakage of information during wireless communication.

Connection with all wireless devices cannot be guaranteed.

A device featuring wireless function is required to conform to the wireless standard specified by wireless SIG, and be authenticated.

Even if the connected device conforms to the above mentioned wireless standard, some devices may not be connected or work correctly, depending on the features or specifications of the device.

Depending on the device to be connected, it may require some time to start communication.

# FCC

These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy, and if it is not installed and used in accordance with the instruction manual, it may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

Modifications: Any modifications made to this device that are not approved by ZEBEX Industries, Inc. may void the authority granted to the user by the FCC to operate this equipment.

**ZEBEX**
www.zebex.com

# Quick Guide
BT USB Dongle

# Important Notice

No warranty of any kind is made in regard to this material, including, but not limited to, implied warranties of merchantability or fitness for a particular purpose. We are not liable for any errors contained herein or incidental or consequential damages in connection with furnishing, performance or use of this material.

# Dongle LED

| LED Status | RED | BLUE |
|---|---|---|
| Dongle energized (Red and Blue flashing per 100ms) | ■ | ■ |
| Scanner connection-BT (Red LED off, Blue LED on) |  | ■ |
| Scanner offline-BT (Blue flash once/sec) |  | ■ |
| No Data transmission (Blue on) |  | ■ |
| Data transmission (Red on) | ■ |  |
| Firmware update (Red on/off) | ■ |  |
| Setting function mode (Red flash once, Blue LED off) | ■ |  |
| BT module initialization failure (Blue and Red flashing) | ■ | ■ |
| USB detect fault (Red LED on, Blue LED off) | ■ |  |

# Connecting Scanners

1. Insert the dongle in an USB port of the host.
2. Program the scanner with the "Multi Mode enable" barcode.

**Start of Configuration**

**Multi Mode Enable**

**End of Configuration**

3. Scan the enclosed BT address label to connect the scanner to the host. The LED indicator on the scanner will flash blue rapidly indicating search mode in process.
4. The LED on the dongle becomes steady blue when the pairing is successful.
5. To connect other scanners, repeat steps 1 to 3. You may connect up to 7 scanners at the same time.

# System Function Settings

1. Follow instructions in the "Connecting Scanners" section to pair your scanner to the host..
2. Please make sure the scanner LED is showing steady blue indicating a connection to the host before you continue.
3. Scan the corresponding host interface the dongle is using (Either USB-HID or USB-virtual COM) to begin using the scanner.

**Start of Configuration**

Return to USB-HID default
(Communication dongle link required)

Return as USB-virtual COM port default
(Communication dongle link required)

**End of Configuration**

# Keyboard Message Terminator

Keyboard terminator---none

Keyboard terminator---Enter

Keyboard terminator---H-TAB

# RS-232 Message Terminator

RS-232 message terminator—none

RS-232 message terminator—CR/LF

RS-232 message terminator—CR

RS-232 message terminator—LF

RS-232 message terminator—H tab

RS-232 message terminator—STX/ETX

RS-232 message terminator—EOT

# Keyboard Wedge Setting

International Keyboard mode ( ALT method)

Keyboard language support---USA

Keyboard language support---UK send scan code

Keyboard language support---GERMANY

Keyboard language support---FRENCH send scan code

Keyboard language support---SPANISH send scan code

Keyboard language support---ITALIAN send scan code

Keyboard language support---Switzerland send scan code

Keyboard language support---Belgium send scan code

Keyboard language support---Japanese

Capital lock on

Capital lock off

Function key emulation enable

Function key emulation disable

Send number as normal data

Send number as keypad data

## Federal Communication Commission Interference 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.

**15.21**

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

**15.19**

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.

**FCC RF Radiation Exposure Statement:**

1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
2. This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment.