

Wireless Barcode Scanner User’s Manual



Enter Setup

CAUTION

The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE

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.

Installation

- Installation procedure:
1. Make sure that the scanner has the correct table for your system.
 2. Turn off the power of the system (or PC).
 3. Connect the Rj45 port of the cable to the tail of the receiver.
 4. Connect the R232/USB/PS2 port of the cable to the tail of the system (or PC).
 5. Turn on the power of the system (or PC).
 6. Make sure the host device have communication before transmitting data.

Introduction

The scanner read the 1D/2D barcode by capturing its image. it provides users with three scan modes, including Manual Mode, Sense Mode and Continuous Mode, tailored to different scanning needs. And the scanner decoded data transmitted to the receiver by wireless communication. The receiver transmit the data to the system(or PC) through the cable (RS232/USB /Ps2).
The device wireless inductive charge without cable, just place the scanner on the receiver, it can charge.



Exit Setup



Enter Setup

Part one:Receiver Setting

- 1.1 Setting steps
1. scan “Enter Setup ”
2. scan function barcode you need
3. scan “Exit Setup”
1.2 Link scanner
Scan the “link scanner” barcode on receiver.
1.3 Receiver default
Tip: scan following “Receiver default ” barcode .



Receiver default

XL\$RST|

“ * ” denotes default setting.

1. 4 Working mode
Tip: no need to scan “Enter Setup”, “Exit Setup”, just scan following function barcode directly.



*AUTO

XL\$AUT|



Immediate

XL\$IMT|



Inventory

XL\$IVT|



OUT

XL\$OUT|

1.5 Interface selection



USB / KB mode

PT02|



RS232 mode

PT01|



Exit Setup



Enter Setup



*Auto choose

PT00|

Receiver Tip: one beep means KB/USB mode, two beeps mean RS232 mode.

1.6 Baud rate



4800

BD03|



*9600

BD04|



19200

BD06|



115200

BD10|

1.7 Parity check



*None

UC01|



Even

UC02|



Odd

UC03|



Space

UC05|



Mark

UC04|



Exit Setup



Enter Setup

1.8 Control flow



*CTS/RTS OFF

CR00|



CTS/RTS ON

CR01|

1. 9 Keyboard language



*USA

SL01|



French

SL02|



UK

SL04|



German

SL03|



Turkey-Q

SL05|



Danish

SL06|



Spanish

SL08|



Italian

SL09|



Exit Setup



Enter Setup

NOTE: 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.

1.10 Terminal



TE01|

None



TE02|

Space (0X20)



TE03|

CTRL + S (0X13)



TE04|

*Enter (0X0D)



TE05|

Tab (0X0A+0X0A)

1.11 Receiver beeper tone



BK01|

Mute



BK01|

*On



BP01|

Low



BP02|

Medium



BP03|

*High

1.13 Data transfer warning tone



ST01|

*0FF



ST01|

ON



Exit Setup

Part two: Scanner Setting

2.1 Scanner and receiver default setting
Tip: scan following 7 steps one by one.



① start



② Reset



③ start



④ RS232 mode



⑤ End



⑥ Link scanner



XL\$RST|

⑦ Receiver default

2.2 Scanner beeper tone
Tip: “Start”→ Choose the“beeper tone”
→“End”.



Start



Mute



*Sound



Low



Medium



*High



End

2.3 Scan Mode
Tip: “Start”→Choose the“Scan Mode”
→“End”.



Start



*Trigger Mode



Sense Mode



Continuous Mode



End

Trigger Mode: A trigger pull activates a decode session. The decode session continues until the barcode is decoded or you release the trigger or decode session timeout expires.

Sense Mode: The scanner waits for the image stabilization timeout to expire before activating a decode session every time it detects a change in ambient illumination. Decode session continues until the barcode is decoded or the decode session timeout expires.

Continuous Mode: If the Continuous mode is enabled, the scanner automatically starts one decode session after another. To suspend/resume barcode reading, simply press the trigger.

2. 4 General Settings
Tip: “Start”→Choose the“Barcode type”
→“End”.



Start



Enable all Symbolologies



Disable all Symbolologies



Enable 2D Symbolologies



Disable 2D Symbolologies



End

Part three: RFID Module

The ID card close to the the top of the scanner, the RFID reading module that in the scanner can read the ID card, and transfer the data to the receiver in 433MHz, and the receiver transfer data to the system (or PC) with RS232/USB/KB cable.