2D Barcode Scanner

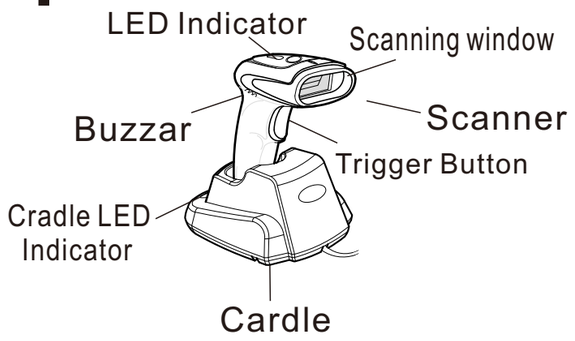
Quick Start Guide

Wireless (RF433) | Image | 2D | V2.1

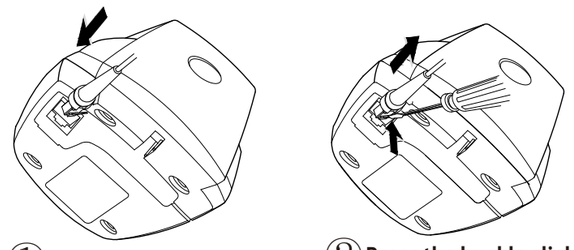
Contents:● Barcode Scanner ●Cradle
● Instructions
● warranty card ● Certificate
● USB / RS232 Cable
● Power Adapter (Rs232 only)

No. : 75050114

1 Scanner overview



2 Cable plug&Unplug

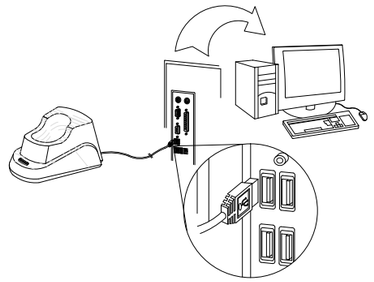


①Plug as picture above

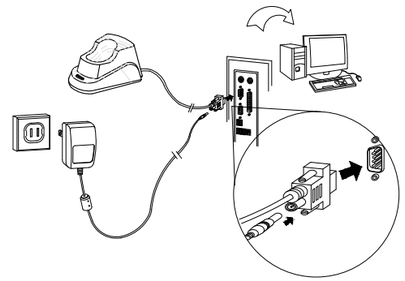
②Press the buckle click, then pull out the cable

3 Cable connection guide

(1) USB Data cable



(2) RS232 Data cable



4 Scanner and cradle pairing guide

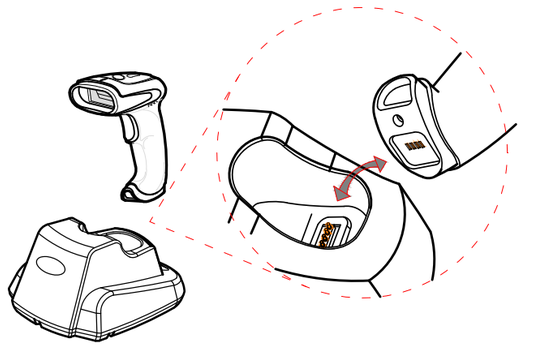
1 Scan "Enter Setting" barcode
Enter setting (@SET)

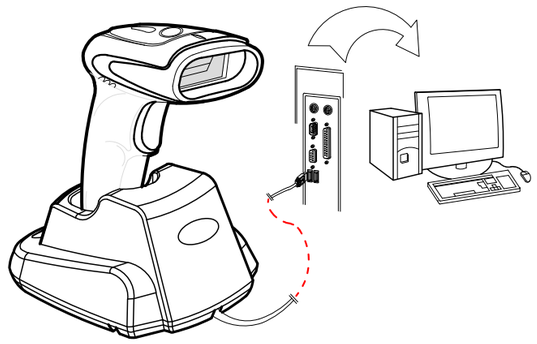
2 Scan "* RF transmission" Barcode
*RF Transmission (WN-T-B000000)

3 Scan ID barcode attach to cradle

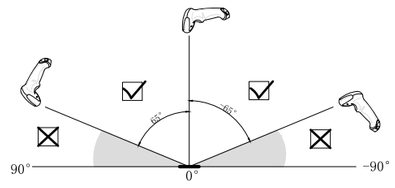
4 Scan "Pairing" Barcode
pairing (WN-T-A000000)

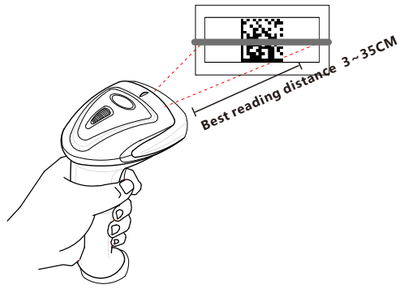
5 Charging method





6 Scan angle, distance and methods





121311113

NOTE: Laser beam should be full coveraged on the bar code

Barcode settings

Setting Step

①Scan Method

*Hand trigger mode

Continues reading mode

② Screen mode

Use the scanner scan the bar code on the screen, when the screen brightness is weak and the reflection is stronger, please choose “Screen mode 1"

screen mode1

Use the scanner scan the bar code on the screen, when the screen brightness is strong and the reflection is strong, please choose “Screen mode 2"

screen mode 2

③ Set Suffix

*0x0D as suffix

*0x0D as suffix

0x0D 0x0A as suffix

Wireless Transmission Settings

Setting Step

1. Scan "Enter Setting" Barcode

Enter Setting (@SET)

2. scan function Bar code
(Support multiple scanning setting barcodes).
For example, set the "Show ID" function

Show ID (WN-T-D100000)

3. Scan "Exit & Save" Barcode

Exit & Save （@END）

⑥ ID setting

When multiple scanners to send data to the same terminal, you need to set ID number for each scanner.

Scanner ID setting steps:
① Scan "Enter setting" Bar code
② Scan "ID setting" bar ode
③ Scan two numerical parameters as scanner ID
④ Scan "Enter & Save" bar code

Setting ID (WN-T-D200000)

⑦Numercial parameters

0 (00)
1 (01)
2 (02)
3 (03)
4 (04)
5 (05)
6 (06)
7 (07)
8 (08)
9 (09)

Transmitter(Scanner)

① Working mode

Following working mode can be set directly.
Default setting is real time mode.

*Real-time mode (WN-T-F000000)

Cache mode (WN-T-F100000)

Inventory mode (WN-T-F200000)

Note:
Real time mode: Scan and tranmit,data will automatically lost if upload failed.
Cache mode: Same as real time mode if connection normal. Scan bar codes will be automatically restore if connection failed. Will upload one by one if connection return as normal.
Inventory Mode: Scanning bar codes will be restored without upload.
Will upload once sacan "Upload data" barcode.
Will clear once scan "Clear data".
Will check sum once scan" Data sum"

②Inventory mode setting

Upload data: Bar code data will transmit to terminal once scan this bar code.
Date sum: Scan "Data sum" bar code to check the scanner restore data sum.
Clear data: Scan "Clear data" and clear all the restore data in scanner

Upload data (WN-T-F200001)

Data sum (WN-T-F200002)

Clear Data (WN-T-F200003)

③Check maximum length of the barcode

check barcode length(WN-T-E000000)

④ Set maximum length of the barcode

*length 120 (WN-T-E100001)

length240 (240WN-T-E100002)

length 480 (WN-T-E100003)

Length 120: Bar code actual length is 125,it can0 store 12000 bar codes in inventory mode, cache 4000 bar codes.

Length 240: Bar code actual length is 254,it can store 12000 bar codes in inventory mode, cache 4000 bar codes.

Length 480: Bar code actual length is 496,it can store 12000 bar codes in inventory mode, cache 4000 bar codes.

⑤ ID Hide / Show

Scanner ID will show in front of bar code once scanning "ID show" barcode.

Default setting is "ID hide"

*ID hide (WN-T-D000000)

ID show (WN-T-D100000)

Receiver(Cradle)

① Set interface mode

*USB Keyboard (WN-R-B000000)

RS232 (WN-R-B300000)

Receiver(Cradle) can upload data via USB keyboard or RS.232.
Default is USB keyboard

RS232 baud rate setting

Scanner baud rate setting should be same as receiver software.
Default is 9600.

4800 (WN-R-B300001)

*9600 (WN-R-B300002)

19200 (WN-R-B300003)

115200 (WN-R-B300005)

Light

LED Status	Description
Scanner	
Green light turn red	power on
Green light blinks, red light on	Pairing match
Green light blinks once	Upload successfully
Green light blinks four times	Upload failed
Red light on	Working normally
Red light blinking	Low battery
Blue light on	Charging normal
Yellow light on	Charging complete
Green light blinking	Pairing unsuccessful
Cradle	
Red light on to blinking	Power-on
Red light on	USB identify failed
Green blinks once	Successful pairing / uploaded successfully
Red light blinking	Working normally

Buzzer

Scanner beeper mode	Description
Four Beeps	power On
Long two beeps	Pairing failed
Short two beeps	Pairing successfully
Short one beep	Scan and transmit successfully
Short three beeps	Data upload failed
Short low two beeps	Low battery
long beeps in 0.4s	Power off
Long short beep	Enter Setting Mode

Buzzer

Craddle beeper mode	Description
Four Beeps	power On
Short two beeps	Pairing successfully
Short one beep	Scan and transmit successfylly

Troubleshooting Q&A:

Q1.:Cradle upload data via RS232,no data display when scan bar code.
A1: Should confirm interface is RS232(Refer to Interface Setting Mode).Should confirm scanner baud rate is same as Rs232 software.
Q2:Upload data via USB, no data upload and alarm buzzer after scanning bar code.
A2: Set scanner upload data interface as USB. Set scanner working mode as real time mode.

Q3:Cradle LED not on when upload data via RS232.
A3: Refer to "Cable connection guide"to check power supply.

Rescue Bar code

If the upload data is garbled, please try to scan the below bar cade directly.