# WoneNice 1D

# Wireless barcode scanner

# Manual Guide

**\*32-bit high-speed CPU    \*25 language settings**

*Please charge the scanner at least for 30 minutes on first use.*

**Please keep this instruction for reference in the future.**

If you have any question or concern about the operation of the scanner, please contact us at following Email:
**service@wannishi.com**

# Specification

| TYPE | Distance | Memory |
|---|---|---|
| 2.4G | ≤100m | 100000 barcodes |

| | |
|---|---|
| Working current：3.5Vx40mA | Standby current：18uA-5mA |
| Working time： 3 to 10 days | Charging power：5V-400mA |

## Scanner parameters：

| | |
|---|---|
| Scanning type： bi-directional | Light source：650±20nm VLD |
| Scanning width： 30cm | BER ： 1/20million |
| Printing Contract：>25% | Indication： Buzzer & LED |

Trigger Mode：Button，Continuous，Auto-Induction（Optional）

| Depth | 3mil | 2mm-100mm | CPU：ARM 32-bit Cortex |
|---|---|---|---|
| Of | 10mil | 2mm-350mm | Resolution：3mil |
| Field | 15mil | 5mm-500mm | Decoding speed： 300/sec |
| | 30mil | 10mm-800mm | |

Scanning angle：Angle of rotation±30°，inclination± 45°，declination ± 60°

Anti-interference：No influence working under strong light and sunshine

Decode Capability：UPC/EAN、Code128、Code39、Code 39Full ASCII、Coda bar、industrial /Interleaved 2 of 5 Code93、MSI、Code11、ISBN、ISSN、China post、GS1 Databar、Code32、etc.

| | |
|---|---|
| Button life: 8000,000 times | laser life：12000 hours |
| Drop test： 2.0m | Interface：USB，USB-COM |

Certificate ：CE，FCC，RoHS，IP54

## ■How to use the scanner ?

**The scanner has been paired with the receiver, and set up already.**

**Step1**: Power on the scanner by pressing the button. The buzzer has a triple beeps, the blue light on the top of scan will be on. (**If the buzzer doesn't make a sound and the blue light is off with the red light flashes three times. Please charge the scanner at least for 30 minutes**.)

**Step2**: Insert the USB receiver into the USB port of computer, The USB receiver's light will be on.

**Step3**: Open text,put the cursor in. Scan 1D bar code to see if the bar code can be uploaded.

**If the bar code does not display, please set up the scanner again according to the following steps.**

1. Scan the follow code "restore default"



2. Scan the follow code "match the receiver"



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3.     Scan the follow code "instant upload mode"



4.     Scan the follow code "USB_HID"



5.     Open text,put the cursor in. Scan any bar code to see if the bar code

can be uploaded.

# General Settings-1

‖‖ ‖ ‖‖‖‖‖ ‖ ‖‖‖ ‖‖
Restore defaults(restore factory settings)

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Match(match the scanner and the receiver)

■Matching Operation

Plug the receiver to your computer，when it start to work ,Match the scanner
and the receiver by scan the "Match" Barcode.
(1) Matching successfully, the buzzer rang " Di-da-di", "DI-di-di".
(2) Matching failed, the buzzer rang " Di---en".

■Network Mode ：One to one ，More to one

►One to one 一one scanner to one receiver
1, plug the receiver to your computer
2, scan the "Match" bar code to Match the receiver

►More to one 一several scanner to one receiver
If you have 2 scanners: scanner A, scanner B,
1, Plug the receiver to your computer
2, Match for the scanner A: A scan the "Match" Barcode.
3, Unplug the receiver and Plug the receiver again.
4, Match for the scanner B: B scan the "Match" Barcode.
After that ,2 scanners can transmit the data to the receiver.

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# Working Mode

■Two upload mode：Instant upload mode、storage mode.

►Instant upload Mode：Instant upload data to your computer

|||||||||| ||||||| ||||||||||||||||||||||||||||||||||||||| |||||
Instant upload Mode

(1) Upload successfully: The blue light flashed and the buzzer rang " Di ".

(2) Upload failed: The red light flashed and the buzzer rang " Di---en".

►Storage Mode ：Scan and store barcode inside the scanner, and uploaded

the data to your computer when you need it.

||| || |||||||||||||||||||||||||||||||||||||||||||
Storage Mode

| |||| ||| |||||||||||||||||||||| | | ||| ||||||||||||||||||||| |
|---|---|
| Show total storage | Upload Data |
| (Show total number of memory) | (Upload Data to your computer) |
| ||| ||||||||||||||| ||||||| | ||| || |||||||||| |||| ||||| |
| High upload speed -default | Low upload speed |

||| || |||||||||||||||||||||||||||| ||| |||
Zero clearing (clear all data in scanner)

1, Save successfully：The blue light flashed and the buzzer rang " Di-en "

2, Save failed：The red light flashed and the buzzer range " Di---en"， This
   indicates that there was not enough memory to save the bar code. Please
   upload the saved bar code by scanning "Upload Date" and then clear the
   Memory by scanning "Zero cleaning".

3, Upload completed: the buzzer rang " Di-do-en ".

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# Power and Standby Setup

||| |█| ||||||||||||||||| ||||||| ||| |██|

Battery Reserve（show battery level）

| Set the time for automatic shutdown | |
| --- | --- |
| ||||| ||||| |||||||||||| |||||<br>50 seconds shutdown | |||||||||||||||||||||||||||||||||||<br>2 minutes shutdown-Default |
| ||||||||||||||||||||||||||||<br>5 minutes shutdown | |||||||||||||||||||||||||||||||||||<br>30 minutes shutdown |

**Battery level indication**

1. The scanner starts, when the buzzer rang "Di-di-di" and the blue light is on with no red light flashing, it indicates that the battery is sufficient

2. The scanner starts, when the buzzer rang "Di-di-di" and the blue light is on with the red light flashes three times, it indicates that the battery less than 30%, please charge the scanner as soon as possible

3. The scanner starts, when the buzzer doesn't make a sound and the blue light is off with the red light flashes three times. It indicates that the battery less than 20%. The scanner enters the low battery protection mode. Please charge the scanner at least for 30 minutes before using

4. Press the button, the scanner does not respond. Please charge the scanner at least for 30 minutes. If the scanner still cannot start, this indicates that the battery is broken and needs to be replaced.

**LED tips during charging**
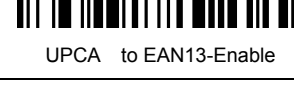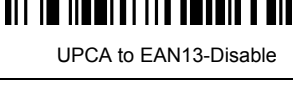
Plugged the USB cable into the USB port of computer
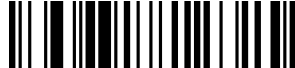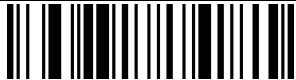
1. Charging mode: the blue light is on with the red light flashing

2. Charging completed: the blue light is on and the red light goes out

3. Micro-current charging: the blue light off and the red light flashing (Note: This is battery protection phase, please do not use it in this condition)

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# General Settings-2
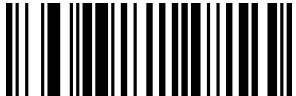
| End Mark | |
|---|---|
| Add Carriage Return | Add Carriage Return + Skip a line |
| Add Tab | Disable suffix |
| **Interface setup** | |
| USB_HID | USB virtual COM |
| **Buzzer Setup** | |
| Volume Off | Low volume |
| Medium volume | High volume -Default |
| **Trigger Mode** | |
| Keys Trigger | Continuous Mode |
| **Duplicate barcode upload Setup** | |
| Duplicate detection-ON (Unable to upload duplicate barcode) | Duplicate detection-OFF -Default (upload duplicate barcode) |

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# General Settings-3

| UPCA | |
|---|---|
| UPCA-Enable | UPCA-Disable |
| Show UPCA Check digit | Hide UPCA Check digit |
| Show UPCA Leading Zero | Hide UPCA Leading Zero |
| UPCA   to EAN13-Enable | UPCA to EAN13-Disable |
| **UPCE** | |
| UPCE-Enable | UPCE-Disable |

| | |
|---|---|
| Show UPCE Check digit | Hide UPCE Check digit |
| Show UPCE Leading Zero | Hide UPCE Leading Zero |
| UPCE Convert to UPCA-Enable | UPCE Convert to UPCA-Disable |

**EAN13**

| | |
|---|---|
| EAN13-Enable | EAN13-Disable |
| Show EAN13 Check digit | Hide EAN13 Check digit |

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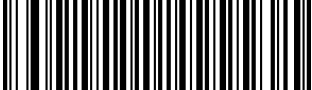
| | |
|---|---|
| EAN13 to ISBN-Enable | EAN13 to ISBN-Disable |
| EAN13 to ISSN-Enable | EAN13 to ISSN-Disable |
| **EAN8** | |
| EAN8-Enable | EAN8-Disable |
| Show EAN8 Check digit | Hide EAN8 Check digit |
| UPC/EAN Extra code | |
| UPC/EAN Extra code-Disable | UPC/EAN Extra code-2digit |

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WN6300-V6.1
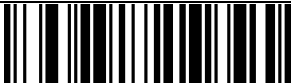
| | |
|---|---|
| UPC/EAN Extra code-5digit | UPC/EAN Extra code-2&5 digit |
| **CODE39** | |
| CODE39-Enable | CODE39-Disable |
| Code 39 FullASCLL-Enable | Code39 FullASCLL--Disable |
| Show Code39 star/stop digit | Hide Code39 star/stop digit |

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| CODE32 | |
|---|---|
| CODE32-Enable | CODE32-Disable |
| Show COD32 Check digit | Hide COD32 leading check |
| **COD128** | |
| CODE128-Enable | CODE128-Disable |
| **COD93** | |
| CODE93-Enable | CODE93-Disable |

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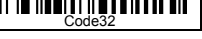
| CODE11 | |
|---|---|
| CODE11-Enable | CODE11-Disable |
| **CODABAR** | |
| CODABAR-Enable | CODABAR-Disable |
| Show CODABAR Check digit | Hide CODABAR Check digit |
| **Industrial 2 of 5** | |
| Industrial 2 of 5-Enable | Industrial 2 of 5-Disable |

| Interleaved 2 of 5 | |
|---|---|
| Interleaved 2 of 5-Enable | Interleaved 2 of 5-Disable |
| **GS1** | |
| GS1-Enable | Gs1-Disable |
| Show GS1 Data Bar check digit | Hide GS1 Data Bar check digit |
| **GS1 Data Bar Limited check digit** | |
| Show GS1 Data Bar Limited check digit | Hide GS1 Data Bar Limited check digit |

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| Capital & lowercase | |
|:---:|:---:|
| <br><br> | <br><br> |
| All Capital | All lowercase |
| <br><br> | <br><br> |
| Swap capital/lowercase | Cancel capital/lowercase settings |

## Bar code reverse color setting

In the actual bar code application, some bar codes are printed in different colors, or even reversed.

In this case, it is recommended to enable this function.

| | |
|:---:|:---:|
| Reverse-Enable | Reverse-Disable |

**Insert and delete character**

| | |
|---|---|
| Insert character | Delete character |
| Save settings | Clear settings |
| Prefix | Start add or clear data after barcode, setup by barcode in ASCLL Barcode Table | Suffix |

Barcode type(bar code data 068000-068018)

| | | |
|---|---|---|
| All type | UPCE | UPCA |
| EAN8 | EAN13 | ISBN/ISSN |
| Code39 | Code128 | Code93 |
| Coda bar | Interleaved 2 of 5 | industrial 2 of 5 |
| MSI | Code11 | China post |
| GS1D | GS1L | GS1E |
| Code32 | Don't scan bar code type by default all bar code type | |

Save the setting. Data Group
(Different data group settings can take effect all the same time )

| | | |
|---|---|---|
| Data group 1 | Data group 2 | Data group 3 |
| Data group 4 | Data group 5 | Data group 6 |
| Data group 7 | Data group 8 | Don't scan data group set of barcode first gruop by default |

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## Insert or delete character operation for example

In the process of setting, scan the irrelevant barcode, the scanner will exit setting status

**Example 1:** Insert Character:123456789(code128)

| Insert Ab before barcode | Insert Cd after the third digit of the barcode | Insert Ef after barcode |
|---|---|---|
| 1. Insert Character | | |
| 2. All barcode type | | |
| 3. Data group 1 | | |
| 4. Before barcode | 003 ETX | After barcode |
| 5. 065 A | 067 C | 069 E |
| 6. 098 b | 100 d | 102 f |
| Each data group can insert within 10 characters | | |
| 7. Save Settings | | |
| Setup result | | |
| Ab123456789 | 123Cd456789 | 123456789Ef |
| Remove of insert character setting, please scan in turn | Insert character | Clear settings |

1. Can set different bar code type，make this setting to this kind of bar code is effective

2. Can set different data group，make different setting take effect at the same time.

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**Example 2:** Delete character：123456789 (Code128)

| Delete one digit before barcode | Delete 2 digit after the third digit of the bar code | Delete three digit after barcode |
|---|---|---|
| 1. Delete character | | |
| 2. All barcode type | | |
| 3. Data group 1 | | |
| 4. Before barcode | 003　　ETX | After barcode |
| 5. 001　　SOH | 002　　STX | 003　　ETX |
| 6. Save settings | | |
| Setup result | | |
| 23456789 | 1236789 | 123456 |
| Remove of delete character setting, please scan in turn | Delete character | Clear settings |

1. Can set different bar code type，make this setting to this kind of bar code is effective.

2. Can set different data group，make different setting take effective at the same time.

Appendix1：ASCLL Barcode Table

| Hex | Dec | Description | Hex | Dec | Description | Hex | Dec | Description |
|---|---|---|---|---|---|---|---|---|
| #00 | 0 | NUL(CTRL @) | #22 | 34 | " | #44 | 68 | D |
| #01 | 1 | SOH(CTRL A) | #23 | 35 | # | #45 | 69 | E |
| #02 | 2 | STX(CTRL B) | #24 | 36 | $ | #46 | 70 | F |
| #03 | 3 | ETX(CTRL C) | #25 | 37 | % | #47 | 71 | G |
| #04 | 4 | EOT(CTRL D) | #26 | 38 | & | #48 | 72 | H |
| #05 | 5 | ENQ(CTRL E) | #27 | 39 | ' | #49 | 73 | I |
| #06 | 6 | ACK(CTRL F) | #28 | 40 | ( | #4A | 74 | J |
| #07 | 7 | BEL(CTRL G) | #29 | 41 | ) | #4B | 75 | K |
| #08 | 8 | BS(Backspace) | #2A | 42 | * | #4C | 76 | L |
| #09 | 9 | HT(Tab) | #2B | 43 | + | #4D | 77 | M |
| #0A | 10 | LF(CTRL J) | #2C | 44 | , | #4E | 78 | N |
| #0B | 11 | VT(CTRLK) | #2D | 45 | — | #4F | 79 | O |
| #0C | 12 | FF(CTRLL) | #2E | 46 | . | #50 | 80 | P |
| #0D | 13 | CR(Enter) | #2F | 47 | / | #51 | 81 | Q |
| #0E | 14 | SO(CTRL N) | #30 | 48 | 0 | #52 | 82 | R |
| #0F | 15 | SI(CTRLO) | #31 | 49 | 1 | #53 | 83 | S |
| #10 | 16 | DLE(CTRLP) | #32 | 50 | 2 | #54 | 84 | T |
| #11 | 17 | DC1(CTRL Q) | #33 | 51 | 3 | #55 | 85 | U |
| #12 | 18 | DC2(CTRL R) | #34 | 52 | 4 | #56 | 86 | V |
| #13 | 19 | DC3(CTRL S) | #35 | 53 | 5 | #57 | 87 | W |
| #14 | 20 | DC4(CTRLT) | #36 | 54 | 6 | #58 | 88 | X |
| #15 | 21 | NAK(CTRL U) | #37 | 55 | 7 | #59 | 89 | Y |
| #16 | 22 | SYN(CTRL V) | #38 | 56 | 8 | #5A | 90 | Z |
| #17 | 23 | ETB(CTRL W) | #39 | 57 | 9 | #5B | 91 | [ |
| #18 | 24 | CAN(CTRL X) | #3A | 58 | : | #5C | 92 | \ |
| #19 | 25 | EM(CTRL Y) | #3B | 59 | ; | #5D | 93 | ] |
| #1A | 26 | SUB(CTRL Z) | #3C | 60 | < | #5E | 94 | ^ |
| #1B | 27 | ESC(ESC) | #3D | 61 | = | #5F | 95 | _ |
| #1C | 28 | FS(CTRL \) | #3E | 62 | > | #60 | 96 | ` |
| #1D | 29 | GS(CTRL ]) | #3F | 63 | ? | #61 | 97 | a |
| #1E | 30 | RS(CTRL ^) | #40 | 64 | @ | #62 | 98 | b |
| #1F | 31 | US(CTRL _) | #41 | 65 | A | #63 | 99 | c |
| #20 | 32 | (space) | #42 | 66 | B | #64 | 100 | d |
| #21 | 33 | ! | #43 | 67 | C | #65 | 101 | e |

| Hex | Dec | Description | Hex | Dec | Description | Hex | Dec | Description |
|-----|-----|-------------|-----|-----|-------------|-----|-----|-------------|
| #66 | 102 | f | #89 | 137 | F10 | #AC | 172 | Page Up Keypad |
| #67 | 103 | g | #8A | 138 | F11 | #AD | 173 | Page Down Keypad |
| #68 | 104 | h | #8B | 139 | F12 | #AE | 174 | Up Arrow Keypad |
| #69 | 105 | i | #8C | 140 | Left shift make | #AF | 175 | Down Arrow Keypad |
| #6A | 106 | j | #8D | 141 | Left shift break | #B0 | 176 | Left Arrow Keypad |
| #6B | 107 | k | #8E | 142 | Right shift mark | #B1 | 177 | Right Arrow Keypad |
| #6C | 108 | l | #8F | 143 | Right shift break | #B2 | 178 | Center Keypad |
| #6D | 109 | m | #90 | 144 | Left ALT mark | #B3 | 179 | Insert |
| #6E | 110 | n | #91 | 145 | Left ALT break | #B4 | 180 | Delete |
| #6F | 111 | o | #92 | 146 | Right ALT mark | #B5 | 181 | Home |
| #70 | 112 | p | #93 | 147 | Right ALT break | #B6 | 182 | End |
| #71 | 113 | q | #94 | 148 | Left control mark | #B7 | 183 | Page Up |
| #72 | 114 | r | #95 | 149 | Left control break | #B8 | 184 | Page Down |
| #73 | 115 | s | #96 | 150 | Right control mark | #B9 | 185 | Up Arrow |
| #74 | 116 | t | #97 | 151 | Right control break | #BA | 186 | Down Arrow |
| #75 | 117 | u | #98 | 152 | /Keypad | #BB | 187 | Left Arrow |
| #76 | 118 | v | #99 | 153 | *Keypad | #BC | 188 | Right Arrow |
| #77 | 119 | w | #9A | 154 | -Keypad | #BD | 189 | |
| #78 | 120 | x | #9B | 155 | +Keypad | #BE | 190 | Num Lock |
| #79 | 121 | y | #9C | 156 | -Keypad | #BF | 191 | Caps Lock |
| #7A | 122 | z | #9D | 157 | enter Keypad | #C0 | 192 | Scroll Lock |
| #7B | 123 | { | #9E | 158 | 0Keypad | #C1 | 193 | Print Screen |
| #7C | 124 | | | #9F | 159 | 1Keypad | #C2 | 194 | Pause |
| #7D | 125 | } | #A0 | 160 | 2Keypad | | | |
| #7E | 126 | ~ | #A1 | 161 | 3Keypad | | | |
| #7F | 127 | DEL | #A2 | 162 | 4Keypad | | | |
| #80 | 128 | F1 | #A3 | 163 | 5 Keypad | | | |
| #81 | 129 | F2 | #A4 | 164 | 6 Keypad | | | |
| #82 | 130 | F3 | #A5 | 165 | 7 Keypad | | | |
| #83 | 131 | F4 | #A6 | 166 | 8 Keypad | | | |
| #84 | 132 | F5 | #A7 | 167 | 9 Keypad | | | |
| #85 | 133 | F6 | #A8 | 168 | Insert Keypad | | | |
| #86 | 134 | F7 | #A9 | 169 | Delete Keypad | | | |
| #87 | 135 | F8 | #AA | 170 | Home Keypad | | | |
| #88 | 136 | F9 | #AB | 171 | end Keypad | | | |

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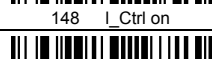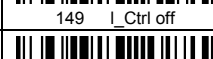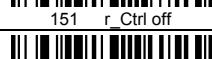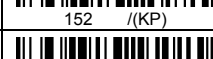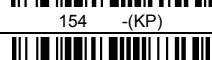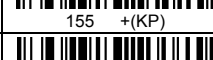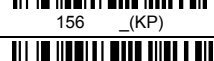
## Appendix2：ASCLL Barcode Table

| | | |
|---|---|---|
| 000　NUL/SP | 001　SOH | 002　STX |
| 003　ETX | 004　EOT | 005　ENQ |
| 006　ACK | 007　BEL | 008　Back Space |
| 009　HT/TAB | 010　LF | 011　VT |
| 012　FF | 013　CR/ENTER | 014　SO |
| 015　SI | 016　DLE | 017　DC1 |
| 018　DC2 | 019　DC3 | 020　DC4 |
| 021　NAK | 022　SYN | 023　ETB |
| 024　CAN | 025　EM | 026　SUB |
| 027　ESC | 028　FS | 029　GS |

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| | | |
|---|---|---|
| 030　RS | 031　US | 032　SP |
| 033　! | 034　" | 035　# |
| 036　$ | 037　% | 038　& |
| 039　' | 040　( | 041　) |
| 042　* | 043　+ | 044　, |
| 045　- | 046　. | 047　/ |
| 048　0 | 049　1 | 050　2 |
| 051　3 | 052　4 | 053　5 |
| 054　6 | 055　7 | 056　8 |
| 057　9 | 058　: | 059　; |
| 060　< | 061　= | 062　> |

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| | | |
|---|---|---|
| 063 ? | 064 @ | 065 A |
| 066 B | 067 C | 068 D |
| 069 E | 070 F | 071 G |
| 072 H | 073 I | 074 J |
| 075 K | 076 L | 077 M |
| 078 N | 079 O | 080 P |
| 081 Q | 082 R | 083 S |
| 084 T | 085 U | 086 V |
| 087 W | 088 X | 089 Y |
| 090 Z | 091 [ | 092 \ |
| 093 ] | 094 ^ | 095 _ |

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| | | |
|---|---|---|
| 096 ` | 097 a | 098 b |
| 099 c | 100 d | 101 e |
| 102 f | 103 g | 104 h |
| 105 i | 106 j | 107 k |
| 108 l | 109 m | 110 n |
| 111 o | 112 p | 113 q |
| 114 r | 115 s | 116 t |
| 117 u | 118 v | 119 w |
| 120 x | 121 y | 122 z |
| 123 { | 124 \| | 125 } |
| 126 ~ | 127 DEL | 128 F1 |

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| | | |
|---|---|---|
| 129    F2 | 130    F3 | 131    F4 |
| 132    F5 | 133    F6 | 134    F7 |
| 135    F8 | 136    F9 | 137    F10 |
| 138    F11 | 139    F12 | 140    l_Shift on |
| 141    l_Shift off | 142    r_Shift on | 143    r_Shift off |
| 144    l_Alt on | 145    l_Alt off | 146    r_Alt on |
| 147    r_Alt off | 148    l_Ctrl on | 149    l_Ctrl off |
| 150    r_Ctrl on | 151    r_Ctrl off | 152    /(KP) |
| 153    *(KP) | 154    -(KP) | 155    +(KP) |
| 156    _(KP) | 157    Enter(KP) | 158    0(KP) |
| 159    1(KP) | 160    2(KP) | 161    3(KP) |

| | | |
|---|---|---|
| 162　4(KP) | 163　5(KP) | 164　6(KP) |
| 165　7(KP) | 166　8(KP) | 167　9(KP) |
| 168　Inert | 169　Delete | 170　Home |
| 171　End | 172　Page Up | 173　Page Down |
| 174　Up | 175　Down | 176　Left |
| 177　Right | 178　Center | 179　Insert |
| 180　Delete | 181　Home | 182　End |
| 183　Page Up | 184　Page Down | 185　Up |
| 186　Down | 187　Left | 188　Right |
| 189 | 190　Num Lock | 191　caps lock |
| 192　scroll lock | | |

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# Language

| | |
|---|---|
| UNITED STATES | BELGIUM |
| BRAZIL | DENMARK |
| FRANCE | GERMANY |
| HUNGARY | ITALY |
| LATIN AMERICA | NETHERLANDS |
| NORWAY | PORTUGAL |
| SPAIN | SWEDEN |
| UNITED KINGDOM | UNIVERSAL |
| Note：Support 25 languages . | |

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# Frequently ask question

**Question:** Press the key, the red laser appear and then goes out, but there is no bar code display in the input box?

**Answer:**

1. The USB receiver has not plugged into the computer USB port, please make sure that the USB receiver has been fully plugged into the USB port.

2. The USB port of the computer is out of condition, please plugged the USB receiver into the USB port of another computer to test

3. The USB receiver is not matched with scanner yet, or the scanner is set to "storage mode" or "USB Virtual COM", please unplugged the USB receiver and plugged it again, then scan the following barcode in turn, "Restore defaults", "Match", "Instant upload mode", "USB_HID",

4. The cursor is not in the input text box, please make sure the cursor is in the input box where you want to upload the barcode.

5. If the USB receiver indicator goes out or flasher, it indicates that the receiver is broken. Please contact us at **service@wannishi.com**

**Question:** Press the button, the scanner is not laser?

**Answer:**

1. The battery less than 20%. The scanner enters the low battery protection mode. Please charge the scanner at least for 30 minutes before using.

2. The laser engine is damaged and needs to be replaced.

**Question:** Read the barcode, the barcode data will be lost?

**Answer:** Slow down the HID speed of the scanner.

**Question:** Barcode characters is wrong?

**Answer:**

1.Set the scanner keyboard nations with using the keyboard.

2.Set more slow HID speed（in Mac）

**FCC Caution：**

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.

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

**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.

This  equipment complies with FCC  radiation exposure limits  set forth for an uncontrolled environment.