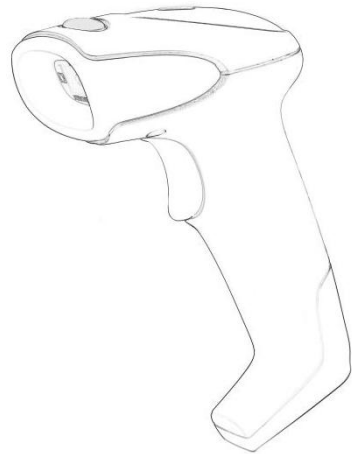
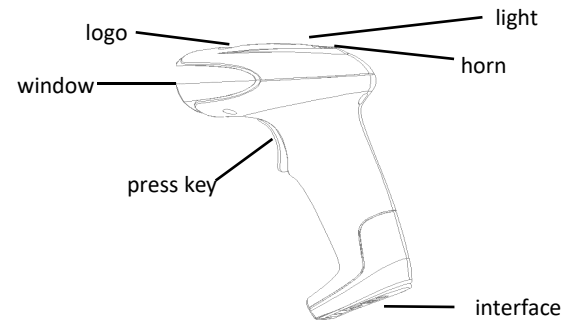


# Laser barcode scanner

## Quick Guide



### Component description



### Product features

- It is suitable for retail, logistics, medical treatment, finance, warehouse management, office automation and document management.
- Light weight, ergonomic design, comfortable operation, reduce fatigue. -Using advanced laser bar code technology, scanning fast and sensitive, improve work efficiency. -Plug and play, easy to set up, can be quickly used with other office equipment.
- It supports automatic sensing and can easily switch between manual mode and automatic sensing mode.
- It supports the automatic sensing of the stand, and can easily switch between the auto mode and the handheld mode.

### Technical parameter

|                           |   |
|---------------------------|---|
| <b>Power supply</b>       | 5 V ± 0.25 V DC   |
| <b>Current</b>            | 85 MA (working); 100 Ma (instantaneous maximum)   |
| <b>Light source</b>       | 650 nm laser diode  |
| <b>Laser grade</b>        | EN60825-1, class 1, national class II laser safety standard   |
| <b>Scanning speed</b>     | 350 times/s   |
| <b>Scanning angle</b>     | ±60°、±65°、±42° (left and right, back and forth, rotation)   |
| <b>Resolution</b>         | 3mil( high resolution series) / 5mil(long depth of field series)  |
| <b>Supported Bar code</b> | EAN,UPC,Code39,Code93,Code128,UCC/EAN128, Codabar,Interleaved25,ITF-6,ITF-14,ISBN,ISSN, MSI-Plessey,UK/Plesse, GS1 Databar,GS1 Composite Code, Code 11,Industrial 25, Standard 25,Plessey, Matrix 25. |
| <b>Prompt mode</b>        | buzzer, LED indicator   |
| <b>System interface</b>   | USB、 PS2 、 RS-232   |
| <b>Trigger mode</b>       | manual, automatic induction (optional)  |
| <b>Interface type</b>     | RJ-45   |
| <b>Shell material</b>     | ABS+PC  |

### Installation

Refer to the below pictures, connect the scanner to host (e.g. PC) with different cables:

**USB:** USB cable RJ45 connect bottom of scanner, the other side connect PC.

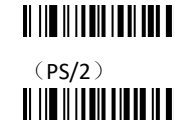


**RS232:**RS232 cable RJ45 connect bottom of scanner, the other side connect to PC. Power port on RS232 cable connect to power adapter(DC5V).



Typically, scanner is able to identify the data port type automatically. In extreme cases cradle port may need setting manually if the host fails to identify it.

Automatic Identification (Default)



( PS/2 )

USB



RS232



### How to scan

When scanning a barcode, make sure that the scan line crosses every bar and space of the symbol.

Right



012345

Wrong



012345

Note: Indicator light flashing and with “beep” sound that mean scan successfully.

### Common Settings

Information inquire

Product information



Scanner Serial No



### Suffix Quick Setup

CR (Default)



CR+LF



LF



None



### Scanning Mode

**Manual Mode:** The trigger button must be pressed once to activate scanning. The light source of scanner stops scanning when there is a successful reading or no code is decoded after the Stand-by duration elapsed.

**Continuous Scanning Mode:** The scan engine is always scanning and decoding. The scanner will scan the barcode which gets into the scanning area automatically.

**Auto scan mode 1:** The scanner will automatically scan the barcode which gets into the scanning area one time.

**Auto scan mode 2:** When barcode gets into the scanning area, the scanner will automatically enter continuous scanning mode and read the barcode. It will exit continuous scanning mode if no barcode is scanned for a long time.

Manual Mode (Default)



### Continuous Scanning Mode

Auto Scan Mode 1



Auto Scan Mode 2



Note: 1.Under Continuous Scanning Mode, only when the barcode had been scanned get out of the scanning area, the scanner can scan the next barcode.

2. Under Auto Scan Mode, obstacles in the front of scan windows(in 20cm) may affect scanner automatically scan.

3. Please scan the default settings when the scanner cannot be used normally



Restore default settings

### Smart Stand Mode

If enable smart bracket mode, scanner will enter auto scan mode automatically when it is put on bracket.

Enable (Default)



Disable



### Volume of beeper

High (Default)



Low



### USB Keyboard language



America



France

Middle



Mute



Germany



OTHER

### Prefix

Transmit Prefix



Do Not Transmit Prefix (Default)



Scan Prefix(0~16 Chars, 2Digits/Char; 00~FF; 00\*)



### Suffix

Suffix (Default)



Do Not Transmit Suffix



Scan Suffix (0~16chars, 2 Digits/Char; 00~FF; 0D\*)



### Parameter Barcode

0



2



4



6



8



A



C



E



Finish Setting



Example: Set a Prefix "ab":

1. Find the ASCII of "a" and "b" in the table 2("61"and "62" ).
2. Scan barcode "Scan Prefix", "6", "1", "6", "2", "Finish Setting" one by one. Then finally scan barcode "Transmit Prefix".

### Table 1 Function Keys

| L | H | P/S2 keyboard/USB |       | RS-232 |     |
|---|---|-------------------|-------|--------|-----|
|   |   | 0                 | 1     | 0      | 1   |
| 0 |   | Null              |       | NUL    | DLE |
| 1 |   | Up                | F1    | SOH    | DC1 |
| 2 |   | Down              | F2    | STX    | DC2 |
| 3 |   | Left              | F3    | ETX    | DC3 |
| 4 |   | Right             | F4    | EOT    | DC4 |
| 5 |   | PgUp              | F5    | ENQ    | NAK |
| 6 |   | PgDn              | F6    | ACK    | SYN |
| 7 |   |                   | F7    | BEL    | ETB |
| 8 |   | Bs                | F8    | BS     | CAN |
| 9 |   | Tab               | F9    | HT     | EM  |
| A |   |                   | F10   | LF     | SUB |
| B |   | Home              | Esc   | VT     | ESC |
| C |   | End               | F11   | FF     | FS  |
| D |   | Enter             | F12   | CR     | GS  |
| E |   | Insert            | Ctrl+ | SO     | RS  |
| F |   | Delete            | Alt+  | SI     | US  |

Table 2 Chars

| H | 2  | 3 | 4 | 5 | 6 | 7   |
|---|----|---|---|---|---|-----|
| L |    |   |   |   |   |     |
| 0 | SP | 0 | @ | P | ` | p   |
| 1 | !  | 1 | A | Q | a | q   |
| 2 | "  | 2 | B | R | b | r   |
| 3 | #  | 3 | C | S | c | s   |
| 4 | \$ | 4 | D | T | d | t   |
| 5 | %  | 5 | E | U | e | u   |
| 6 | &  | 6 | F | V | f | v   |
| 7 | '  | 7 | G | W | w | w   |
| 8 | (  | 8 | H | X | x | x   |
| 9 | )  | 9 | I | Y | y | y   |
| A | *  | : | J | Z | z | z   |
| B | +  | ; | K | [ | { | {   |
| C | ,  | < | L | \ |   |     |
| D | -  | = | M | ] | ~ | ~   |
| E | .  | > | N | ^ | ~ | ~   |
| F | /  | ? | O | _ | o | DEL |