Thanks you for choosing our company’s product. To have a better operating experience, please read this manual carefully.

Reading Angle
1. Maintain a bevel between the scanner and the bar code to make a best reading.
2. Do not keep the scanner in 90° with the bar code, otherwise the scanner can’t read.
3. The scanner must aim at the bar code and the beam must cover the whole bar code. If not, error may occur.

Packing list:
- 1*barcode scanner
- 1*cable (USB/KB/COM)
- 1*user manual
- 1*Stand (optional)

Product Introduction
This barcode scanner has USB/KB/COM interface for user’s choice. With advantages of quick decoding speed and easy operation, it should be a good solution for bar code identification.

Our company reserves all rights of modifying and final explanation for the manual.

Connecting the Scanner
USB:
1. Connect the USB cable to the USB interface in the computer.

PS/2:
1. Shut off the power supply of the host.
2. Pull out the keyboard of the host.
3. Confirm the PS/2 cable is suitable for the connection of the host.
4. Connect the scanner to the host.
5. Connect the keyboard port to the PS/2 cable.
6. Open the host.

RS232:
1. Shut off the power supply of the host.
2. Confirm the connection is correct from the RS232 to the host.
3. Connect the AC adaptor to the power port of the scanner or connect the keyboard port of the host to the keyboard port of the scanner.
4. Open the host.
5. Scan the setup barcode to set the output mode as RS232 (serial mode).
1. If it is an automatic barcode scanner, it has already been well set with the auto scanning function. When there’s an object passes the sensitive area (the sensitive area depends on the size of the object, normally is 5-30cm), the scanner will scan automatically. After it reads a bar code successfully, the light will be off and a trigger cycle finished. The scanner will read again when there’s an object passes the sensitive area.
### Buzzer
- **ON**
- **OFF**

### Add Code ID
- **No Code ID**
- **Send Code ID as Prefix**
- **Send Code ID as Suffix**

### Language Settings
- **America English**
- **Canada French**
- **Dutch**
- **Spanish**
- **Argentina (Latin)**
- **Brazil Portuguese**
- **Danish**
- **England English**
- **Italian**
- **France French**
- **German**
- **Norway**
- **Swedish, Finnish**
- **Slovak**
- **Portugal Portuguese**
- **Czech**
- **Belgium Dutch**
- **Turkish-F**
- **Turkish-Q**
- **Polish 214**
- **Switzerland German, French**
- **Croatian**
- **Hungarian**

### Serial Mode Parameter Settings (Baud Rate)
- **600bps**
- **1200bps**
- **2400bps**
- **4800bps**
- **9600bps**
- **19200bps**
- **38400bps**
- **57600bps**
- **115200bps**

### Serial Protocol
- **Serial No Check Digit**
- **Serial XON/OFF**
- **Serial ACK/NA**
- **Hand Shake Timeout-2secs**
- **Hand Shake Timeout-5secs**

### Serial Protocol Parameters
- **Data Bits**
  - **7**
  - **8**
- **Stop Bits**
  - **1**
  - **2**
- **Check Digits**
  - **None**
  - **ODD**
  - **Even**
  - **Mark Check Digit**
  - **Space Check Digit**
Transmit UPCA
check code disable
UPCA hide system
character-disable

Transmit UPCA
check code enable
UPCA hide system
character-enable

Brazil bank barcode

On
Off
Remark: It need customized before production for the function in the frame

Image

Revise Image Disable
Revise Image Enable

Code 39

Code 39 on
Code 39 off
Code 39 ID as 'm'

Code 39 Full
ASCCLL-on
Code 39 Full
ASCCLL-off

Code39 MOD43
Verify Off
Code39 MOD43
Verify On

Code39 transmit
verify-On
Code39 transmit
CHARS-On
Code39 transmit
CHARS-Off

Code39 transmit
redundancy enable

Code39 MOD43 Verify Off

Code39 MOD43 Verify On

Code39 transmit
verify-On
Code39 transmit
CHARS-On
Code39 transmit
CHARS-Off

Code39 transmit
redundancy enable

Code 39

UPC-A

UPC-A on
UPC-A off
UPCA ID as 'e'

Convert UPCA into
EAN13 enable
Convert UPCA into
EAN13 disable

Transmit UPCA
check code
Transmit UPCA
check code disable

UPC-A on
UPC-A off
UPCA ID as 'e'

Convert UPCA into
EAN13 enable
Convert UPCA into
EAN13 disable

Transmit UPCA
check code
Transmit UPCA
check code disable

UPC-E

UPC-E on
UPC-E off
UPC-E ID as 'f'

Convert UPCE
into UPCA-enable
Convert UPCE
into UPCA-disable
Kindly remind:

High speed transmission can't be accepted by some device (computer), please try to scan the barcode (decrease speed transmission) as following if some characters was missing.

GS1

GS1 Omnidirectional/on

GS1 Omnidirectional/off

GS1 Omni ID as 'j'

GS1 Limited/on

GS1 Limited/off

GS1 Limited ID as 'k'

Front/Behind CHARS Settings

Hide CHARS-disable

Hide CHARS '-'

Replace '0' with 'A'-disable

Replace '0' with 'A'-enable

Replace '1' with 'ONE'-disable

Replace '1' with 'ONE'-enable

Delete CHARS in front of '12345'-disable

Delete CHARS in front of '12345'

FUNC

Cancel FUNC Mapping

Replace 'FUNC1' with '0'

Replace 'FUNC2' with '2'

Replace 'FUNC3' with '3'

Replace 'FUNC4' with '6'

USB Upload

USB quick upload/on

USB quick upload/off

IR Auto-sensing

IR Auto-sensing/on

IR Auto-sensing/off
Hide Characters

- Hide the behind CHARS-disable
- Hide the front CHARS-disable
- Hide the middle characters-disable
- Hide from the Nth CHAR

Prefix & Suffix Setting

- All codes add suffix CR
- All codes add suffix CR+CR
- LF all codes add suffix ETX
- All codes add prefix F2
- All codes add prefix F2
- All codes add prefix STX
- All codes add prefix disable
- Enter into checking mode (used with caution)

Multiscan Settings

- 3 sec
- 1 sec
- 5 sec

Conversion of EAN, ISBN & ISSN

- Convert all EAN into ISBN-enable
- Convert all EAN into ISBN-disable
- Convert all EAN into ISSN-enable
- Convert all EAN into ISSN-disable

- Quit out prefix and suffix adding mode
- Clear all prefix CHARS
- Set to add prefix
- Set to add suffix
- Clear all suffix CHARS
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**Warranty Card**

1. Customers can enjoy the legal rights using the purchase invoice and the warranty card without doing any warranty procedures.
2. All the warranty items are subject to the guarantee clause and user notice that published by our company.
3. We will not guarantee the product if it is in one of the following situation, but we can offer maintenance service with charges.
   - (1) Man-made damage or improper operation;
   - (2) Damage caused by maintenance of non-professionals;
   - (3) Have no warranty card, the model is inconsistent with actual or the warranty card is obliterated;
   - (4) Irresistible damage (natural disasters like thunder, earthquake, fire, etc.)
4. Please fill in the warranty card. Do not obliterate the card. Otherwise, we will make charges maintenance.
5. Please keep this card well. We will not offer another warranty card.

**Barcode Scanner Warranty Proof**

<table>
<thead>
<tr>
<th>User Name</th>
<th>Telephone</th>
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**Maintenance Record**

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