

User Guide



About This User Guide

Pls read all the content of the user guide carefully to use the products safely and effectively. You are advised of keeping it properly for your using reference.

Disclaimer

Please do not dismantle the product or tear up the seal on it, otherwise we won't provide warranty or replacement service.

The pictures in this user guide are for reference only. If there are any pictures which not match the actual product, please take actual products as the standard. Updated information is subject to change without notice.

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1、 Product Introduction

This user guide applies to BT41-1D scanners. The scanners above are of strong identification capability, and support automatic continuous scanning mode with fast and flexible scanning speed.

In this chapter, we will introduce the instruction of scanner with pictures, please compare to the scanner you bought when reading this user guide, which is good for your understanding. This chapter applies to regular users, maintenance personnel, and software developers.

1.1 Main feature

- * Complete independent research and development, possessing the complete set of patent, plug and play without the need to install driver.

- * Wide voltage design to avoid the data can't be transmitted due to voltage fluctuation.

- * 32-bit master chip equipped with patented software, the scanner can smoothly decode reflective, wrinkled, blurred, and colorful barcode, and can also normally scan in light and dark environment.

- * Adopt all tantalum capacitors and anti-oxidation optical technology, avoiding the problem of performance declining after long-term using.

1.2 Unpack your device

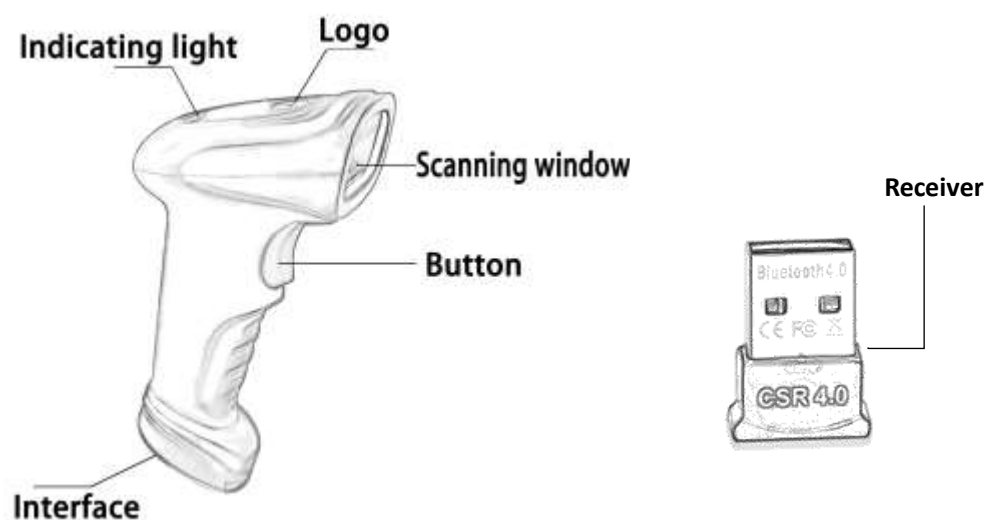
After you open the shipping carton containing the product, take the following steps:

- Take the accessories for scanner out from package.
- Check with the packing list to see if everything is complete and in good condition.

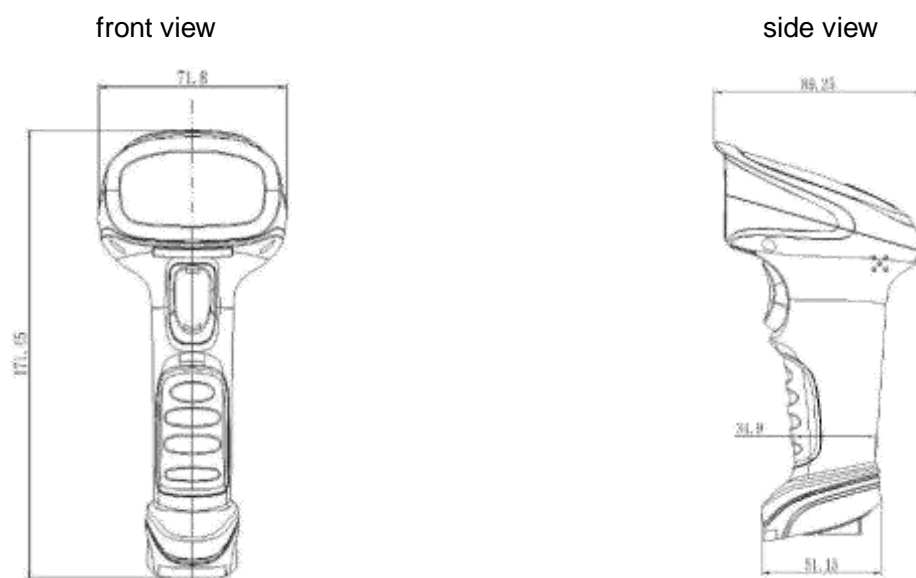
If there are any damaged or missing components, please keep the original package and contact your supplier for after-sales service.

1.3 Product display

1.3.1 External view



1.3.2 Size (mm)

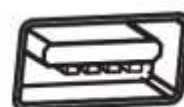


1.4 Communication port

The scanner must be connected to a host to operate. Host can be a PC, POS machine, intelligent terminal with USB interface.

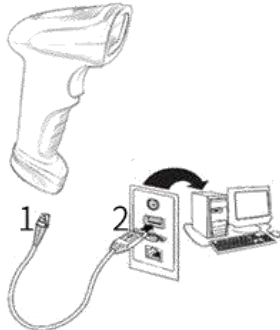
USB

USB interface on host



1.5 Connect your device

1.5.1 Connect with USB



1: Connect the device interface of USB with scanner ;

2: Connect the host interface (USB interface) of USB with host computer.

1.6 Start-up, shutdown and restart

Start-up: Connect host computer with scanner, which will automatically start-up and in working state.

Shutdown: Remove the data cable which is connected with scanner; remove the USB which is connected with host computer.

Restart: If the scanner crashes or doesn't respond, please switch it off and restart.

1.7 Maintenance

The window must be kept clean, the supplier do not bear the guarantee responsibility due to the improper maintenance.

Avoid the window being wear and tear or scratched by hard object

Use the hairbrush to remove the stain on the window

Clean the window with a soft cloth, such as lens cleaning cloth

Spraying liquid onto the window is prohibited.

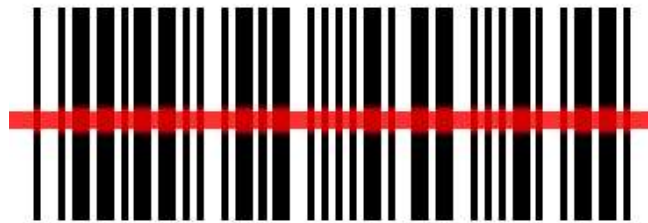
Prohibit any cleaning solvents, except for the cleaning water.

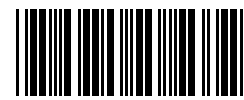
1.8 Reading skills

If the barcode is small, it should be closer to the scanning window; if the barcode is large, it should be far away from the scanning window a little more, thus easier to be read correctly.

If the barcode is highly reflective (for example, the coated surface), you may need to tilt the barcode at an angle to successfully scan it.

Barcode scanning example:





2、 System Setting

Option and function setting mainly through reading a series of special barcodes. In this chapter, we will provide you a detailed introduction of the options and functions available for user setting, and the corresponding setup code.

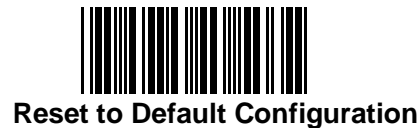
This scan to set method is direct, easy to understand and user friendly.

2.1 Mark setting



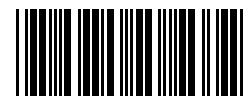
2.2 setting barcodes

2.2.1 Reset to Default Configuration



2.2.2 scan mode setting

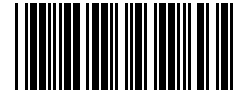




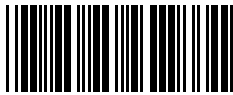
2.2.3 data transport mode setting



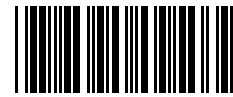
Real-time transport



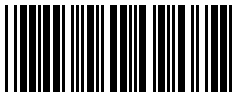
Storage mode



Display stored barcode



Upload stored barcode



Clear all stored barcode

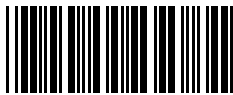
2.2.4 Hibernate setting



Time-out after 30 sec



Time-out after 5 min



Time-out after 50 min



No time-out

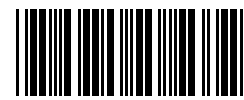
2.2.5 Codabar



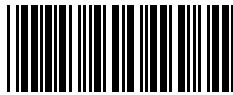
Enable Codabar



Disable Codabar



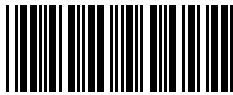
2.2.6 Interleaved 2 of 5



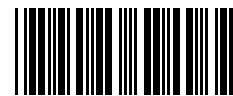
Enable ITF 25



Disable ITF 25



Enable ITF25 (No Fixed Length)



**Enable ITF25 (Fixed Length
of 6 Digits)**



**Enable ITF25 (Fixed Length
of 8 Digits)**



**Enable ITF25 (Fixed Length
of 10 Digits)**



**Enable ITF25 (Fixed Length
of 12 Digits)**



**Enable ITF25 (Fixed Length
of 14 Digits)**



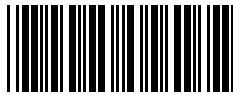
**Enable ITF25 (Fixed Length
of 16 Digits)**



Reset to Default Configuration



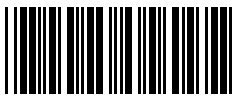
**Enable ITF25 (Fixed Length
of 18 Digits)**



**Enable ITF25 (Fixed Length
of 20 Digits)**

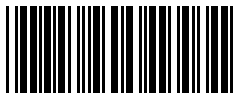


**Enable ITF25 (Fixed Length
of 22 Digits)**



**Enable ITF25 (Fixed Length
of 24 Digits)**

2.2.7 Code 128



Enable Code 128



Disable Code 128

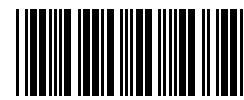
2.2.8 Code 39



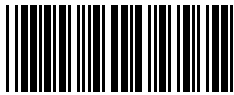
Enable Code 39



Disable Code 39



2.2.9 EAN-8

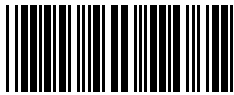


Enable Code EAN-8



Disable Code EAN-8

2.2.10 UPC-E



Enable Code UPC-E

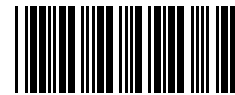


Disable UPC-E

2.2.11 Code 93



Enable Code 93



Disable Code 93

2.2.12 EAN-13 to ISBN



Enable EAN-13 to ISBN



Disable EAN-13 to ISBN



2.2.13 EAN-13 to ISSN

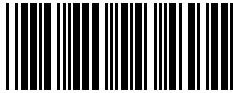


Enable EAN-13 to ISSN



Disable EAN-13 to ISSN

2.2.14 UPC-A to EAN-13



Enable UPCA to EAN-13



Disable UPCA to EAN-13