2D Barcode Scanner

Quick Guide

V4. 1.2TP 17#

Initialization Settings

All scanners have a factory default setting. Reading the "Restore Factory Default" barcode will set all scanner attributes to the software default state

Restore Factory Default

Instructions:

You are most likely to use this barcode in the following situations:

1. Error in scanner settings, such as inability to recognize barcodes.

2. You have forgotten what settings you made for the scanner before and do not want to use the previous settings.

3. Set up the scanner to use some infrequently used functions, and after completion of use.

Firmware Software Query

Display the scanner's factory date and software version.

Display version number

Website blocking settings

Block URLs starting with 'http://' and 'https://'

Enable reading mode

Turn off reading mode

Same barcode reading interval

0ms

300ms

500ms

1000ms

Output Data Encoding Format

1. GBK (GB2312), suitable for software displaying such as Notepad and Excel.

2. UNICODE, suitable for software displaying such as Word and QQ

GBK Encoding format

Unicode Encoding format

Interface mode settings

USB mode

The USB keyboard interface, also known as the USB-KBW interface, can be set to the USB-KBW input mode when the USB data cable is connected. In this mode, the scanner will become a virtual keyboard, and the data receiving host will accept the input of this virtual keyboard as if it were a real keyboard input. The sending process after the scanner decodes the data is to hit each button corresponding to the data in the virtual keyboard.

The default scanner uses USB KBW communication, simulates USB keyboard input mode, and does not require driver installation.

USB- KBW

Mode setting

RS232 mode

Serial communication interface is a common way to connect scanners and host devices, which can be used to connect PC, POS, and other host devices. When the scanner uses a serial communication interface, it is necessary to fully match the serial communication protocol parameter configuration between the scanner and the host device to ensure the accuracy of data transmission.

Default communication protocol for serial port: baud rate 9600, check character NONE

RS232

Virtual serial port mode

When the scanner uses a USB communication interface, but the host application receives data through serial communication, the reading module can be set to a USB virtual serial communication mode. This feature requires the corresponding driver to be installed on the host.

USB COM

Baud rate

Baud rate is the number of bits per second transmitted by serial data communication. The baud rate used by the scanner and data receiving host must be consistent to ensure accurate data transmission. The scanner supports the following baud rate units bit/s.

4800bps

9600 bps

19200bps

3840 0bps

115200 pbs

Keyboard Language Settings

Choose the corresponding language based on the keyboard used in different countries.

USA

France

Germany

Spain

Brazil

Suffix terminator setting

The ending suffix must be the last content of a piece of data sent, and there will be no additional data after it.

Suffix carriage return

Suffix carriage return and line feed

Suffix TAB

Cancel suffix