

Two-dimensional image barcode scanner

Use Manual

V1.0



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Chapter 1 Factory settings

1. Factory settings

Scan the factory settings, the scanner will restore all configurations to the factory state.

Reset



Chapter 2 Communication Interface

The scanner provides two interfaces: RS-232 serial communication and USB communication to connect to the host device. It can automatically determine whether it's USB or RS-232 serial port according to the different connecting lines. The host device can receive and send data and configure Two-dimensional scanning module through the above two interfaces. .

1. RS-232 serial communication

To ensure smooth and accurate communication, you need to setup the communication parameters to match the host device.

Default communication parameters:

Parameters	Default Setting
Serial Communication	Standard RS-232
Baud Rate	115200
Parity Check	None
Data Bits	8
Stop Bits	1
Hardware Flow Control	None

1.1 Baud rate setting



4800



090D004.

9600



090D005.

19200



090D006.

38400



090D007.

57600



090D008.

115200



090D009.

1.2 Parity bit setting

None,7,1



090E000.

None,7,2



090E001.

None,8,1



090E002.

Even,7,1



090E003.

Even,7,2



090E004.

Odd,7,1



090E006.

Even,8,1



090E005.

Odd,7,2



090E007.

Odd,8,1



090E008.

2. USB interface communication

By connecting the USB cable, the scanner can communicate in two ways: USB HID-KB and USB virtual serial port

USB HID-KB Configure barcode



USB Virtual serial port configuration barcode



3. Serial command format

User command format:

\x02\x11\x03XXXXXX.

Serial Command Trigger

Trigger push command: \x02P\x03

Trigger release command: \x02R\x03

Chapter 3 Common function settings

1. Scan mode settings

Manual mode: Trigger scan code by pressing Trigger



2. Beeper-Good Read Switch setting

Turn on Good Read Beeper



Turn off Good Read Beeper



3. LED-Good Read Switch Setting

Turn on Good Read LED



Turn off Good Read LED



4. Barcode scanning delay

After successfully scanning a barcode, it will delay the specified time before decoding the next barcode, the default is 0ms

Delay 0ms



Delay 250ms



Delay 750ms

Delay 1250ms



SAMS750.



SAMS1250.

5. Trigger Timeout Setting

Trigger Timeout setting, default Timeout is 30s

30s (Default)



TRGDLY30000.

10s



TRGDLY10000.

2s



TRGDLY2000.

Chapter 4 Data format configuration

1. General settings

Add and delete some common settings:

Delete all additions



Add carriage return and line feed



Add carriage return



Add line break



Add Tab



Add Star(*)



2. Add prefix

Prefix switch barcode:

Open prefix



Turn off prefix



Prefix content added:

Barcode format: ^3+PREFIX+added content+(.)

The reference barcode:



3. Add suffix

Suffix switch barcode:

Open suffix



Turn off suffix



Suffix content added:

Barcode format: **^3+SUFFIX+** Added content **+(.)**

The reference barcode:



4. Display the serial number of the scanner

Scan the barcode below to display the serial number of the scanner.

Show Serial number



5. Show software version number

Scan the barcode below to display the software version number of the scanner:

Show software Version



Chapter 5 Barcode Type

1. One-dimensional barcode

1.1 Interleaved 2 of 5 (Default on)

Off



0204010.

On



0204011.

1.2 China Post (Hong Kong) (Default off)

off



0218010.

On



0218011.

1.3 Matrix 2 of 5 (Default off)

Off

On



0208010.



0208011.

1.4 Codabar (Default On)

Off



0202010.

On



0202011.

1.5 MSI(Plessey) (Default off)

Off



020E010.

On



020E011.

1.6 Code 128 (Default on)

Off



020A010.

On



020A011.

1.7 Code 39 (Default on)

Off



0203010.

On



0203011.

1.8 Code 93 (Default off)

Off



020D010.

On



020D011.

1.9 Standard(IATA,Airline) 2 of 5(two-bar start/stop) (Default off)

Off



0207010.

On



0207011.

1.10 Industrial 2 of 5 (three-bar start/stop) (Default off)

Off



0206010.

On



0206011.

1.11 GS1 DataBar (RSS) (Default off)

Off



0219010.

On



0219011.

1.12 Telepen (Default off)

Off



0210010.

On



0210011.

1.13 Trioptic Code (Default off)

Off

On



021E000.



021E001.

1.14 **UPC-A/EAN13** (Default on)

Off



0211010.

On



0211011.

1.15 **Code 11** (Default off)

Off



0209010.

On



0209011.

2. QR Code

2.1 **QR** (Default on)

Off

On



2.2 Data Matrix (Default on)

Off



On



2.3 PDF417 (Default on)

Off



On



2.4 Aztec (Default Off)

Off



0404040.

On



0404041.

2.5 HanXin Code(Default Off)

Off



0404050.

On



0404051.