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Add ^3" before the data source when make Setting codes by using "128 code"。

1. Scanner Basic Characteristics

1.1 Reset Configuration to Defaults

（1）Reset Para.for Tx

After scanning 0B,scanner will perform the following operations:

The scanner parameters are set to factory defaults,detail parameters please see appendix A.

All the wireless parameters are set to original state, and stop any transceiver.

（2）Reset Para. for Rx

After scanning 0C, receiver will preform the following operations:

Reset all the wireless parameters to factory defaults, details as appendix A.

1

Reset Para for Tx

0B

2

Reset Para for Rx

0C

1.2 Firmware Version

After scanning 0A success,the scanner version will be showed on the terminal; after scanning 0D success, the receiver version will be showed on the terminal.

Firmware Version(Tx)



0A

Firmware Version(Rx)



0D

1.3 Forced into Sleep Mode

After scanning 0E, scanner will enter the sleep mode no matter how the current state is. To use the setting is to reset some temporary wireless data and re-establish the connection.

Forced into Sleep Mode



0E

1.4 Transmission Mode

Transmission for scanner and receiver:

Scanner has 3 wireless data transmission mode:

-Random mode will upload the data after success scanning with beep, and upload fail with alarm and data will not be stored, and it is the defaulted mode.

-None lost mode can make sure the data uploaded to the terminal, if uploading fail, data will be stored until upload success which make sure the data is not lost.

-Inventory mode, the user to scan the data to memory, and data will be uploaded to terminal after scan the inventory mode.

Note:Switch between any mode will clear the memory.

Random Mode



031000

None Lost Mode



031001

Inventory Mode



031002

Receiver has 2 wireless data transmission mode:

USB-KBW



03B000

USB-VCOM



03B001

1.5 Fast Pairing

Pairing means the scanner matches to the receiver to avoid system working confusion. Scanner read the paring setting, and the receiver will be observed with indicator flashing. As the matching process is the scanner broadcasting process, please keep one receiver power on only in 10m, otherwise will broadcast to other terminal.

Once scanner cancel pairing, scanner sending data is in broadcasting state, any terminal will receive it.

Fast Pairing



033001

Cancel Pairing



033000

1.6 Frequency Offset

Frequency offset is valid for scanner and terminal, to change the current frequency to avoid other interference. This system working band is 433MHz, is also factory default band. The system also provides 21 channels for setting, detail as below:

Firstly setting the channel for terminal,and waiting for the scanner to response;

Then setting the channel for scanner, make sure this channel is same as for terminal.

The following is the channel point corresponding to the setting code for scanner:

Channel	Point (M)	Setting Code	Channel	Point (M)	Setting Code
0	433.092	034000	10	442.092	034010
1	430.092	034001	11	445.092	034011
2	427.092	034002	12	448.092	034012
3	424.092	034003	13	451.092	034013
4	421.092	034004	14	454.092	034014
5	418.092	034005	15	457.092	034015
6	415.092	034006	16	460.092	034016
7	412.092	034007	17	463.092	034017
8	436.092	034008	18	466.092	034018

9	439.092	034009	19	469.092	034019
			20	472.092	034020

For terminal: all the channels are same as scanner's,only the first four numbers are "0390".Such as the setting code of channel 0 is 039000, setting code of channel 18 will be 039018. The following are some setting codes for scanner and terminal:

Scanner Channel 0



034000

Scanner Channel 7



034007

Scanner Channel 20



034020

Terminal Channel 0



039000

Terminal Channel 7



039007

Terminal Channel 20



039020

1.7 Inventory Options

All the inventory options will be valid in inventory mode, will be generated a error tone in other modes.

（1）Checking the total number of inventory data

Scanning "032100"， the total number of inventory data will be showed on the terminal.

（2）Uploading inventory data

Scanning "032200", all the scanning data will be uploaded on the terminal.