

Barcode scanner command control Settings

Applicable to USB virtual serial port, RS232, TTL serial port, 485, Network port, WiFi and other products

Make sure to follow the instructions in the document

Product mode Settings

Step 1: Set USB virtual serial port mode



First step



USB KBW (Second step)



USB virtual serial port
(Win10 and above only need to scan the code,
Win10 below need to install the driver)

Step 2: Key/Command control mode setting code



Key/Command control

Step 3: Set Non-sleep mode and Host mode (Scan the following two Settings codes)



Non-sleep mode



Host mode

Or send corresponding commands in hexadecimal:

1. No sleep mode: 07 C6 04 08 00 80 00 FE A7
2. Host mode: 07 C6 04 08 00 8A 08 FE 95

Set the above three steps only once, and then only repeat the step four

Step 1: Set RS232/TTL/485 mode



First step



RS232 Serial port/UART/TTL / 485
(Second step)



115200bps
(Third step)

Step 2: Key/Command control mode setting code



Key/Command control

Step 3: Set Non-sleep mode and Host mode (Scan the following two Settings codes)



Non-sleep mode



Host mode

Or send corresponding commands in hexadecimal:

1. No sleep mode: 07 C6 04 08 00 80 00 FE A7
2. Host mode: 07 C6 04 08 00 8A 08 FE 95

Set the above three steps only once, and then only repeat the step four

Step 1: Set Network port /WiFi mode



First step



Second step



Third step

Step 2: Key/Command control mode setting code



Key/Command control

Step 3: Set Non-sleep mode and Host mode (Scan the following two Settings codes)



Non-sleep mode



Host mode

Or send corresponding commands in hexadecimal:

1. No sleep mode: 07 C6 04 08 00 80 00 FE A7
2. Host mode: 07 C6 04 08 00 8A 08 FE 95

Set the above three steps only once, and then only repeat the step four

Enable/disable scan instruction

Step 4: Open the scan instruction

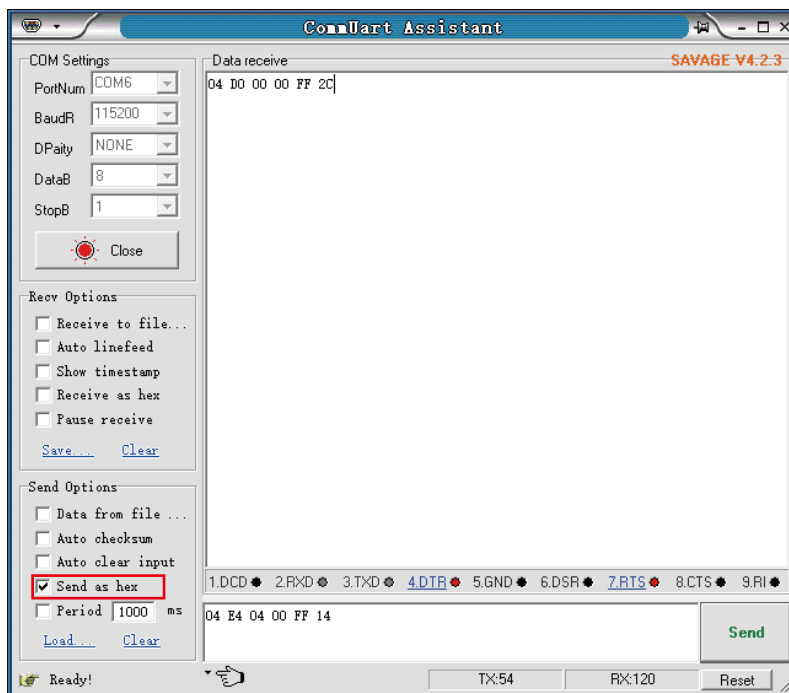
Send hexadecimal via serial port: 04 E4 04 00 FF 14

The scanner turns on the scanning aiming light and the backlight, scans against the bar code, waits for the data to be read, and automatically closes when the data is read

If no data is read, 4 seconds will automatically close, to scan resend instruction

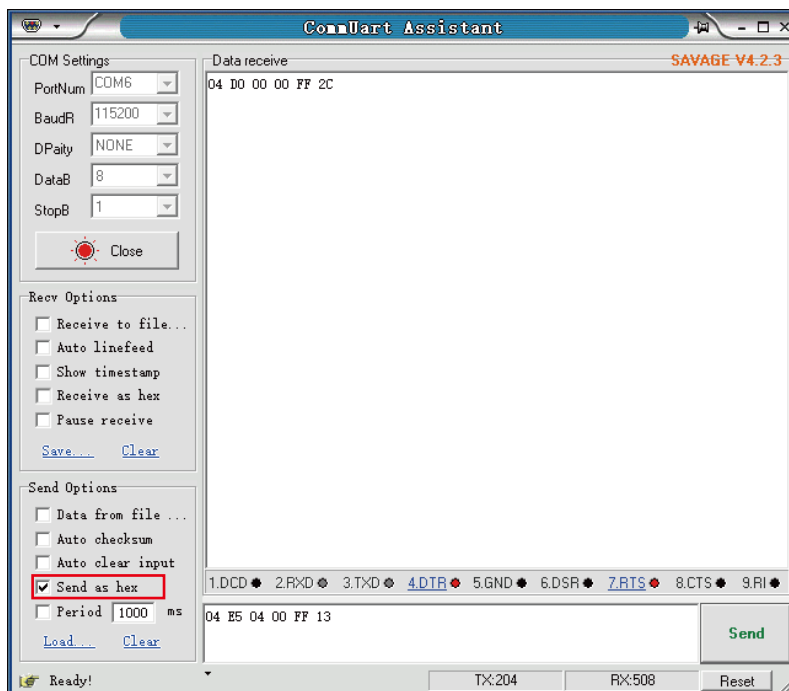
After the instruction is successfully sent, feedback will be given: 04 D0 00 00 FF 2C,

Indicates that the setting is successful.



Disable scan instruction (available or not) :

Send hexadecimal through serial port: 04 E5 04 00 FF 13



No feedback data Settings are required

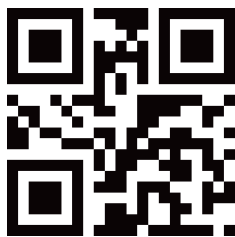
If you do not need feedback data, scan the following barcode:



Forbid ACK/NAK

Or send corresponding commands in hexadecimal: 07 C6 04 08 00 9F 00 FE 88

If feedback data is required for sending instructions, scan the following bar code Settings:



Enabled ACK/NAK

Or send corresponding command in hexadecimal: 07 C6 04 08 00 9F 00 FE 87

If a data NR is returned when the scanning fails, scan the following bar codes:



Permissible NR

Or send corresponding commands in hexadecimal: 07 C6 04 08 00 5E 01 FE C8



Prohibit NR

Or send corresponding commands in hexadecimal: 07 C6 04 08 00 5E 00 FE C9

Response: After the command is enabled, the host sends commands and the reading module responds accordingly

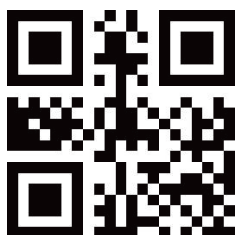


Prohibit

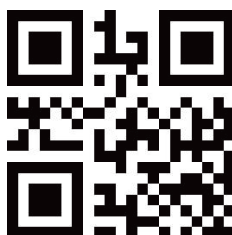


Enable

Command prompt tone: After the command is enabled, the reading module will play a prompt tone when receiving a command



Prohibit



Enable

The following is a detailed instruction table

Category	Function	Parameter	Setting and Operation instructions (hexadecimal)
Communication	1.Setting default Parameters	Restore factory default Settings	08 C6 04 08 00 F2 FF 00 FD 35
	2.Querying the Software Version	Return the current version information	04 A3 04 00 FF 55
	3.Decode start and stop Settings	Start Scan	04 E4 04 00 FF 14
		Stop Scan	04 E5 04 00 FF 13
Model	4.Trigger mode	The host	07 C6 04 08 00 8A 08 FE 95
		Level (key hold)	07 C6 04 08 00 8A 00 FE 9D
		Pulse (single trigger)	07 C6 04 08 00 8A 02 FE 9B
		Continuous mode	07 C6 04 08 00 8A 04 FE 99
		Automatic induction mode	07 C6 04 08 00 8A 09 FE 94
Communication	5.Communication mode	RS232 TTL	08 C6 04 08 00 F2 01 00 FE 33
		USB KBW (USB keyboard port)	08 C6 04 08 00 F2 01 01 FE 32
		USB COM	08 C6 04 08 00 F2 01 02 FE 31
	6.Baud rate	4800	07 C6 04 08 00 9C 05 FE 86
		9600	07 C6 04 08 00 9C 06 FE 85
		19200	07 C6 04 08 00 9C 07 FE 84
		38400	07 C6 04 08 00 9C 08 FE 83
		57600	07 C6 04 08 00 9C 09 FE 82
		115200	07 C6 04 08 00 9C 0A FE 81
Output format	7.End setting	forbid	08 C6 04 08 00 F2 05 00 FE 2F
		CR LF	08 C6 04 08 00 F2 05 01 FE 2E
		CR	08 C6 04 08 00 F2 05 02 FE 2D
		TAB	08 C6 04 08 00 F2 05 03 FE 2C
		CR CR	08 C6 04 08 00 F2 05 04 FE 2B
		CR LF CR LF	08 C6 04 08 00 F2 05 05 FE 2A
Light setting	8.Lighting control	Light on reading (default)	08 C6 04 08 00 F2 02 00 FE 32
		Lighting Form	08 C6 04 08 00 F2 02 01 FE 31
		not allow	08 C6 04 08 00 F2 02 02 FE 30
	9.Position light control	Light on reading (default)	08 C6 04 08 00 F2 03 00 FE 31
		Lighting Form	08 C6 04 08 00 F2 03 01 FE 30
		not allow	08 C6 04 08 00 F2 03 02 FE 2F
Sound Settings	10.Decoder success indicator	On (default)	08 C6 04 08 00 F2 0B 01 FE 28
		Shut down	08 C6 04 08 00 F2 0B 00 FE 29
	11.Mute/Enable or disable All announcements	Disable (default)	08 C6 04 08 00 F2 0C 00 FE 28
		enabled	08 C6 04 08 00 F2 0C 01 FE 27
	12.Buzzer volume	High (default)	07 C6 04 08 00 8C 00 FE 9B
		middle	07 C6 04 08 00 8C 01 FE 9A
		low	07 C6 04 08 00 8C 02 FE 99
	13.Boot prompt tone	Enable (Default)	08 C6 04 08 00 F2 0D 01 FE 26
		forbid	08 C6 04 08 00 F2 0D 00 FE 27

The following is a detailed instruction table

Sound Settings	14.Set the prompt tone for code parameters	Enable (Default)	08 C6 04 08 00 F2 0E 01 FE 25
		forbid	08 C6 04 08 00 F2 0E 00 FE 26
	15.Decoder successful sound	Enable (Default)	07 C6 04 08 00 38 01 FE EE
		forbid	07 C6 04 08 00 38 00 FE EF
Set the time	16.Scanning duration (n*100ms) default:3000ms scope: 500-25500ms	5	07 C6 04 08 00 88 05 FE 9A
		10	07 C6 04 08 00 88 0A FE 95
		30	07 C6 04 08 00 88 1E FE 81
		50	07 C6 04 08 00 88 32 FE 6D
		100	07 C6 04 08 00 88 64 FE 3B
		150	07 C6 04 08 00 88 96 FE 09
		200	07 C6 04 08 00 88 C8 FD D7
		无限	07 C6 04 08 00 88 00 FE 9F
	17.Stable induction time (n*100ms) default: 500ms scope: 0-9900ms	0	08 C6 04 08 00 F3 02 00 FE 31
		1	08 C6 04 08 00 F3 02 01 FE 30
		3	08 C6 04 08 00 F3 02 03 FE 2E
		5	08 C6 04 08 00 F3 02 05 FE 2C
		10	08 C6 04 08 00 F3 02 0A FE 27
	18.Time between reading (n*100ms) default: 500ms scope: 0-9900ms	0	07 C6 04 08 00 89 00 FE 9E
		1	07 C6 04 08 00 89 01 FE 9D
		3	07 C6 04 08 00 89 03 FE 9B
		5	07 C6 04 08 00 89 05 FE 99
		10	07 C6 04 08 00 89 0A FE 94
		15	07 C6 04 08 00 89 0F FE 8F
		20	07 C6 04 08 00 89 14 FE 8A
	19.Same code output interval (n*100ms) default: 500ms scope: 0-9900ms	0	08 C6 04 08 00 F3 03 00 FE 30
		1	08 C6 04 08 00 F3 03 01 FE 2F
		3	08 C6 04 08 00 F3 03 03 FE 2D
		5	08 C6 04 08 00 F3 03 05 FE 2B
		10	08 C6 04 08 00 F3 03 0A FE 26
		15	08 C6 04 08 00 F3 03 0F FE 21
		20	08 C6 04 08 00 F3 03 14 FE 1C
Heart rate control	20.Heart rate control	forbid	08 C6 04 08 00 F2 CD 00 FD 67
		The heartbeat does not require an ACK	08 C6 04 08 00 F2 CD 01 FD 66
		Heartbeat needs ACK	08 C6 04 08 00 F2 CD 02 FD 65
Set the permissions	21.Allows configuration code scanning	Enable (Default)	07 C6 04 08 00 EC 01 FE 3A
		forbid	07 C6 04 08 00 EC 00 FE 3B
	Scan security level	level 1	07 C6 04 08 00 4E 01 FE D8
		level 2	07 C6 04 08 00 4E 02 FE D7
		level 3	07 C6 04 08 00 4E 03 FE D6
		level 4	07 C6 04 08 00 4E 04 FE D5