

**Remark:**

When the scanning head is not working, it is in the sleep state. In the sleep state, it must wake up first and then send a valid command (send the wake-up command 0x00, and then send the valid command after 50ms).

Start decoding and stop decoding serial commands need to be valid in the host mode, please switch to the host mode first (see the serial port command table for details)

category	Features	parameter	Setting and Operation Commands (Hexadecimal)	ACK
General command	1. Set default parameters	Restore factory default configuration	08 C6 04 08 00 F2 FF 00 FD 35	04 D0 00 00 FF 2C
	2. Query the software version	Return current version information	04 A3 04 00 FF 55	Return version information
	3. Decoding start and stop settings	start decoding	04 E4 04 00 FF 14	1. Non-host mode: 05 D1 00 00 06 FF 24 2. Host mode: 04 D0 00 00 FF 2C Decoding successfully returns decoded data
stop decoding		04 E5 04 00 FF 13		
mode	4. Trigger mode	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	
		Auto-sensing mode	07 C6 04 08 00 8A 09 FE 94	
communication	5. Communication method	serial port	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 serial port	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	
output format	7. Terminator setting	57600	07 C6 04 08 00 9C 09 FE 82	
		115200	07 C6 04 08 00 9C 0A FE 81	
		prohibit	08 C6 04 08 00 F2 05 00 FE 2F	
		CR LF carriage return line feed	08 C6 04 08 00 F2 05 01 FE 2E	
		CR Enter	08 C6 04 08 00 F2 05 02 FE 2D	
		TAB	08 C6 04 08 00 F2 05 03 FE 2C	
8. Lighting control		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	
		On when reading (default)	08 C6 04 08 00 F2 02 00 FE 32	
		Always bright	08 C6 04 08 00 F2 02 01 FE 31	

Lighting settings	9. Locate light control	Always off	08 C6 04 08 00 F2 02 02 FE 30
		On when reading (default)	08 C6 04 08 00 F2 03 00 FE 31
		Always bright	08 C6 04 08 00 F2 03 01 FE 30
		Always off	08 C6 04 08 00 F2 03 02 FE 2F
10. Decoding success light	enable (default)	08 C6 04 08 00 F2 0B 01 FE 28	
	prohibit	08 C6 04 08 00 F2 0B 00 FE 29	
sound settings	11. Mute/enable or disable all beeps	Forbidden (default)	08 C6 04 08 00 F2 0C 00 FE 28
		Enable	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 sound	enable (default)	08 C6 04 08 00 F2 0D 01 FE 26
		prohibit	08 C6 04 08 00 F2 0D 00 FE 27
	14. Setting code parameter prompt tone	enable (default)	08 C6 04 08 00 F2 0E 01 FE 25
		prohibit	08 C6 04 08 00 F2 0E 00 FE 26
	15. Prompt sound when decoding is successful	enable (default)	07 C6 04 08 00 38 01 FE EE
prohibit		07 C6 04 08 00 38 00 FE EF	
time setting	16. Scan duration (n*100ms) Default 3000ms Range: 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
		unlimited	07 C6 04 08 00 88 00 FE 9F
	17. Stable induction time (n*100ms) Default: 500ms Range: 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
		0	07 C6 04 08 00 89 00 FE 9E
	18. Reading interval (n*100ms) Default: 500ms Range: 0-9900ms	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	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

04 D0 00 00 FF 2C

	(n*100ms) Default: 500ms Range: 0-9900ms	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
heartbeat control	20. Heartbeat control	prohibit	08 C6 04 08 00 F2 CD 00 FD 67
		Heartbeat does not require ACK	08 C6 04 08 00 F2 CD 01 FD 66
		Heartbeat requires ACK	08 C6 04 08 00 F2 CD 02 FD 65
Setting permissions	twenty one. Allow scanning of configuration codes	enable (default)	07 C6 04 08 00 EC 01 FE 3A
		prohibit	07 C6 04 08 00 EC 00 FE 3B