

Manual

Mobile QR Code Scanner with WIFI & Bluetooth

HD7700

Table of contents

Specifications:.....	2
Kit contents:.....	3
Main Control Codes.....	4
Bluetooth pairing.....	4
2.4G Mode Settings.....	5
Beep and vibration settings	6
Sleep time settings.....	6
End-character settings.....	7
Bitrate settings.....	8
Barcode Transfer Mode Settings.....	8
Hide start and end characters in a barcode.....	10
Prefix and suffix setting	13
Display Characters.....	13
Controlled signs.....	13
Annex A. Controlled signs.....	16
Appendix B. Display Characters.....	19

Specifications:

- **Warranty:** 2 years
- **Light Source:** CMOS Sensor
- **Processor:** ARM Cortex 32-bit
- **Scan confirmation:** light, sound, vibration
- **Scan Method:** Manual (On Button) / Automatic (When Code Is Zoomed In)
- **Scan Speed:** 200 scans/second
- **Error Rate:** 1/5 million
- **Internal Memory:** 16Mb
- **Number of codes remembered:** up to 50,000 codes read
- **Wireless Communication:** Bluetooth, 2.4G
- **Wireless range:** 10-15 meters
- **Battery Capacity:** 3000mA
- **Voltage:** 5V
- **Charging Time:** 4 hours
- **Standby Time:** 30 days
- **Interface:** USB
- **Drop resistance:** up to 1.5 meters
- **Dimensions of the device:** 14.7 x 6.8 x 3.1 cm
- **Height of the cooperating device:** from 14 to 17.5 cm
- **Maximum thickness of the mating device:** up to 1 cm
- **Package dimensions:** 22 x 12 x 4 cm
- **Device weight:** 125 g
- **Package weight:** 180 g
- **Operating Temperature:** 0 to 40 degrees
- **Storage Temperature:** -40 to 80 degrees
- **ID Codes Read:** Codabar, Code 11, Code 93, MSI, Code 128, UCC/EAN-128, Code 39, EAN-8, EAN-13, UPC-A, ISBN, Industrial 2 of 5, Interleaved 2 of 5 (ITF), Standard 2 of 5, Matrix 2 of 5
- **2D Codes Read:** QR, DataMatrix, PDF417, Hanxin, Micro PDF417

Kit contents:

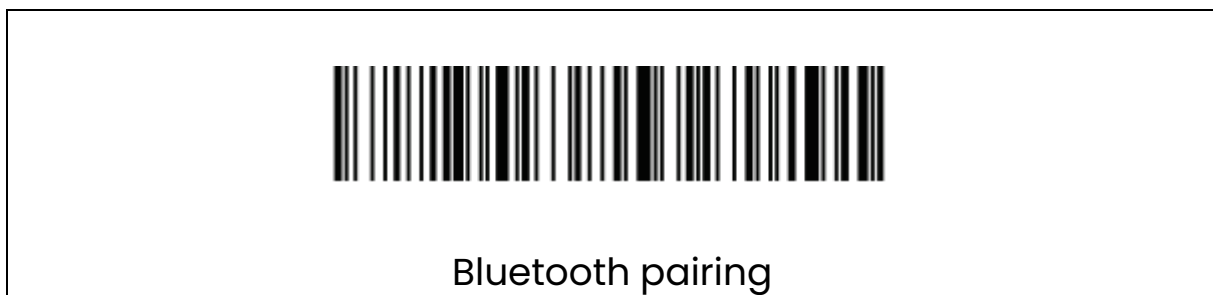
- Content
- content
- Manual

Main Control Codes



Bluetooth pairing

Press and hold the scanner trigger for 8 seconds or scan the HID pairing setting code to put the scanner into Bluetooth pairing mode. Then the two blue LEDs will start flashing alternately.

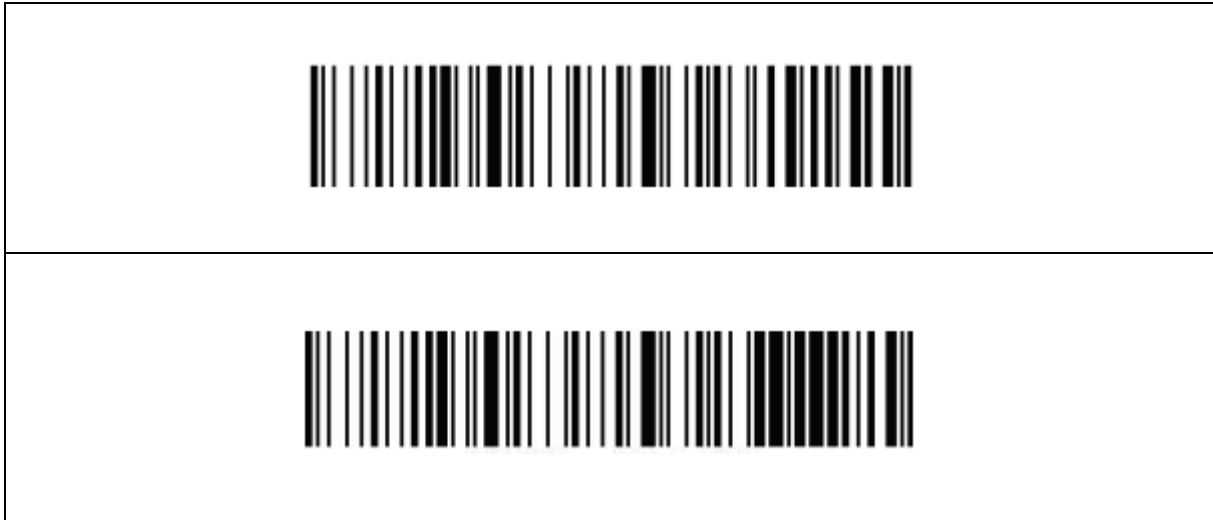


Turn on Bluetooth search on the target device and find "Barcode scanner HID", then click to start pairing. After the beep, the scanner will be paired successfully and the blue LED will be solid on.

NOTE: When the scanner enters Bluetooth pairing mode and fails to connect to the device within 1 minute, it will emit two short beeps: low and long. Repeat the steps above to connect to the device. (When the scanner is in Bluetooth pairing mode, double-clicking may exit pairing mode.)

2.4G Mode Settings





To enable the 2.4G wireless mode on your device, you need to scan the two barcodes below.




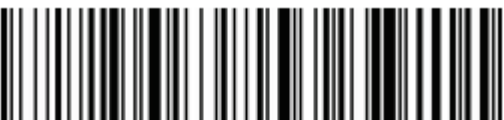

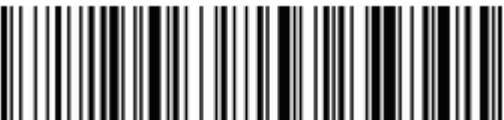


The scanner will enter pairing mode and the blue LED will flash rapidly. Next, place the USB receiver in the USB port of your computer. After the beep, the scanner will be paired successfully and the blue LED will be solid on.

NOTE: When the scanner enters 2.4G pairing mode and fails to connect to the device within 1 minute, it will emit two short beeps: low and long. Repeat the steps above to connect to the device. (When the scanner is in 2.4G pairing mode, double-clicking may exit pairing mode.)

Beep and vibration settings

 <p>Beep off</p>	 <p>Beep on</p>
 <p>Vibration off</p>	 <p>Vibration On</p>

Sleep time settings

 <p>1 minute</p>	 <p>5 minutes</p>
 <p>10 minutes</p>	 <p>30 minutes</p>
 <p>No sleep</p>	 <p>Instant Sleep</p>

End-character settings



CR



LF



CR + LF







CR + LF Cancellation






Tab

Bitrate settings

 High transmission speed	 Average baud rate
 Low transmission speed	 Very low transmission speed

Barcode Transfer Mode Settings

 Real-world mode
 Storage mode
 Amount of data saved



Data transfer



Deleting Stored Data from Memory



Enable No Data Loss Mode

- **Real-time mode:** The scanned code data will be transferred to the device via Bluetooth, 2.4G or USB directly, in real time. A short and low beep will inform you that the data has been transferred successfully. Otherwise, the scanner will make 3 short and low beeps. In this mode, if the scan fails, the scanned data will be lost.
- **Storage mode:** The scanned data will be saved to the device's built-in memory. After each scan, the scanner will beep briefly and slowly. The scanner will beep three times when the code is scanned if the memory is full.

You can check the amount of data stored by scanning the **Amount of Data Stored code**.

To transfer the codes to the target device from the internal memory, simply scan the **Data Transfer code**. **NOTE:** Make sure that the scanner is connected to the device to which the

saved data is to be transferred. Once the data is transferred, the data stored in the scanner will not be deleted from the scanner automatically.

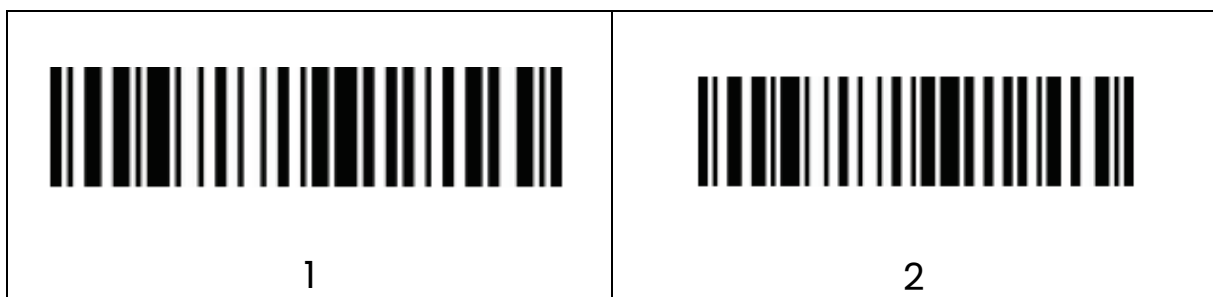
To clear the internal memory of the device, you need to scan the **code Delete stored data from memory**. All data will then be deleted.











Hide start and end characters in a barcode

First, you need to scan the code that determines whether the beginning or end characters of the barcode should be hidden, and then read the numeric code that determines the number of hidden characters.



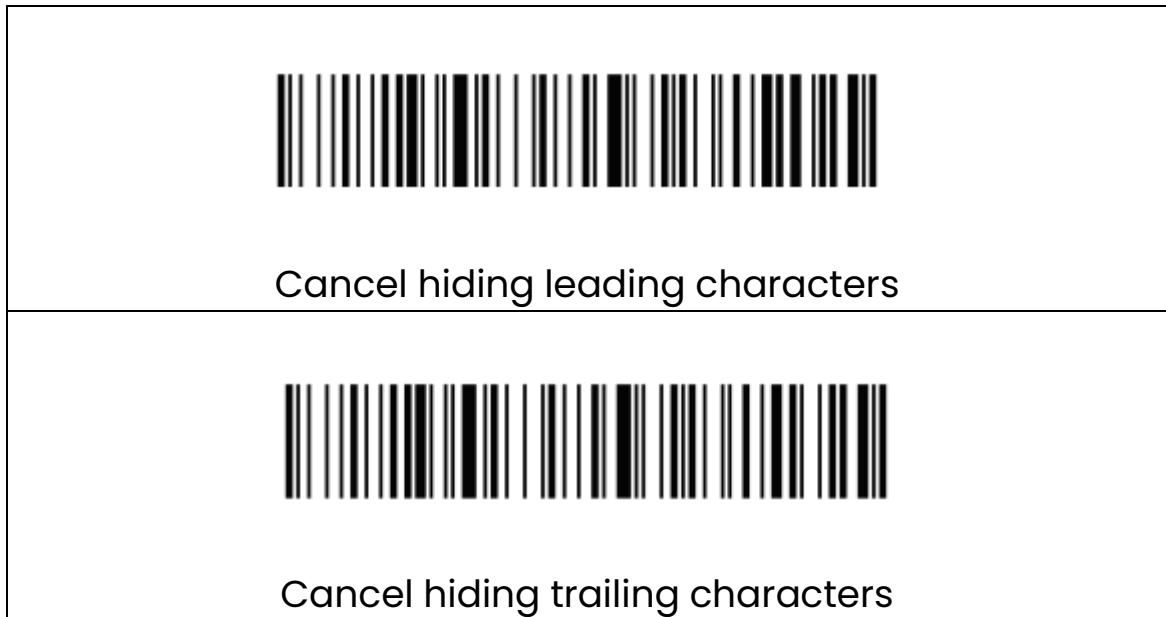
Numeric characters



 3	 4
 5	 6
 7	 8
 9	 10
 11	 12



To cancel the character hide setting, simply scan the code below.



Prefix and suffix setting

The prefix and suffix setting is divided into two parts: **characters displayed** and **controlled characters**.

Display Characters



Then find the character that you want to be the prefix or suffix in Annex B and scan the corresponding barcode.

Controlled signs

Locate the character that you want to be the prefix or suffix in Exhibit A, and then scan the barcode that corresponds to the character set.





Next, you need to scan the code that adds a prefix or suffix.



Then find the character that you want to prefix
or the suffix in Annex A and scan the corresponding barcode.
To remove a prefix or suffix you set, simply scan the code below.
















Remove a prefix







Removing a suffix

Annex A. Controlled signs














1	SOH	NULL	Home	Ctrl+A	Alt+001	CR	
2	STX	Ctrl+B	End	Ctrl+B	Alt+002	Cap Lock	
3	ETX	Ctrl+C	Up Arrow	Ctrl+C	Alt+003	Right Arrow	
4	EOT	NULL	Down Arrow	Ctrl+D	Alt+004	Up Arrow	
5	ENQ	NULL	Left Arrow	Ctrl+E	Alt+005	NULL	
6	ACK	NULL	Right Arrow	Ctrl+F	Alt+006	NULL	
7	BEL	NULL	Shift+Tab	Ctrl+G	Alt+007	Enter	
8	BS	Back Space	Back Space	Back Space	Alt+008	Left Arrow	
9	HT	Tab	Tab	Tab	Alt+009	Tab	
10	LF	Enter	Enter	Ctrl+P	Alt+010	Down Arrow	
11	VT	NULL	NULL	Ctrl+Q	Alt+011	Tab	
12	FF	NULL	NULL	Ctrl+R	Alt+012	delete	
13	CR	Enter	Enter	Enter	Alt+013	Enter	

14	S0	F1	Page Up	Ctrl+N	Alt+014	Insert	
15	S1	F2	Page Down	Ctrl+O	Alt+015	Esc	
16	DLE	F3	F11	Ctrl+P	Alt+016	F11	
17	DC1	F4	NULL	Ctrl+Q	Alt+017	Home	
18	DC2	F5	NULL	Ctrl+R	Alt+018	Print Screen	
19	DC3	F6	NULL	Ctrl+S	Alt+019	Back Space	
20	DC4	F7	NULL	Ctrl+T	Alt+020	Shift tab	
21	NAK	F8	F12	Ctrl+U	Alt+021	F12	
22	SYN	F9	F1	Ctrl+V	Alt+022	F1	
23	TB	F10	F2	Ctrl+W	Alt+023	F2	
24	CAN	F11	F3	Ctrl+X	Alt+024	F3	
25	EM	F12	F4	Ctrl+Y	Alt+025	F4	
26	SUB	NULL	F5	Ctrl+Z	Alt+026	F5	
27	Esc	Esc	F6	Ctrl+[Alt+027	F6	




28	FS	ALT+028	F7	Ctrl+\	Alt+028	F7	
29	GS	ALT+029	F8	Ctrl+]	Alt+029	F8	
30	RS	NULL	F9	Ctrl+^	Alt+030	F9	
31	US	NULL	F10	Ctrl+_	Alt+031	F10	

Appendix B. Display Characters

32	空格		45	-	
33	!		46	.	
34	*		47	/	
35	#		48	0	
36	\$		49	1	
37	%		50	2	
38	&		51	3	
39	'		52	4	
40	(	53	5	
41)		54	6	
42	+		55	7	
43	+		56	8	
44	.		57	9	

58	:	
59	;	
60	<	
61	=	
62	>	
63	?	
64	@	
65	A	
66	B	
67	C	
68	D	
69	E	
70	F	
71	G	

72	H	
73	I	
74	J	
75	K	
76	L	
77	M	
78	N	
79	O	
80	P	
81	Q	
82	R	
83	S	
84	T	
85	U	

86	V	
87	W	
88	X	
89	Y	
90	Z	
91	[
92	\	
93]	
94	^	
95	-	
96	.	
97	a	
98	b	
99	c	

100	d	
101	e	
102	f	
103	g	
104	h	
105	i	
106	j	
107	k	
108	l	
109	m	
110	n	
111	o	
112	p	
113	q	

