

 **HDWR**
RS2322D QR Code
Reader



HDWR RS2322D QR Code Reader User Manual

[Home](#) » [HDWR](#) » HDWR RS2322D QR Code Reader User Manual 

Contents

- 1 HDWR RS2322D QR Code Reader
- 2 Product Information
- 3 Product Usage Instructions
- 4 FAQ
- 5 Specifications
- 6 Set contents
- 7 Features
- 8 Master codes
- 9 Interface settings
- 10 Barcode scanning modes
- 11 Time delay between barcode scans
- 12 Setting the delay time for scanning a repeating barcode
- 13 Light signal settings
- 14 Beep settings
- 15 Scanning reversed codes
- 16 Setting Prefix and Suffix
- 17 Setting End Characters
- 18 Save and cancel settings
- 19 Appendix 1. Numeric and alphanumeric barcodes
- 20 Documents / Resources
 - 20.1 References





Product Information

Specifications:

- **Model:** HD340-RS232
- **Interface:** RS232
- **Scanning Technology:** 2D QR Code Reader
- **Barcode Scanning Modes:** Continuous, Auto
- **Light Signal Settings:** Backlight on during scan, Backlight on all the time, Backlight disabled
- **Beep Settings:** Mute enabled, Loud beep, Silent signal sound
- **Settings:** Interface settings, Barcode scanning modes, Light signal settings, Beep settings, Prefix and Suffix settings

Product Usage Instructions

Entering Setup Mode:

Before setting any function, scan the Entering Configuration Mode code to enter the setup mode.

Exiting Setup Mode:

To exit setup mode, scan the Exit Configuration Mode code.

Restoring Factory Settings:

To restore factory settings, scan the appropriate code for restoring settings.

Saving Default Settings:

To save the current configuration as default settings, scan the Save the current configuration as Default settings code.

Restoring Default User Settings:

To restore default user settings, scan the Restore user default settings code.

FAQ

- **How do I change the scanning mode?**

To change the scanning mode, scan the corresponding code for Continuous or Auto mode as per your requirement.

- **How do I adjust the delay time between barcode scans?**

Scan the appropriate code for setting the desired time delay between barcode scans (e.g., No delay, 500ms, 1000ms).

Specifications

- **Warranty:** 2 years
- **Color:** Black
- **Material:** ABS
- **Light Source:** LED
- **Sensor:** CMOS
- **Resolution:** 644×488
- **Scanning method:** when the code is brought close (automatically)
- **Scan acknowledgement:** beep
- **Scan speed:** 200 scans/second
- **Scanning Angle:** 360 degrees
- **Power supply:** 5V
- **Interface:** RS232, Virtual COM
- **Drop resistance:** up to 1.6 meters
- **Device dimensions:** 8 x 6.8 x 5.3 cm
- **Package dimensions:** 17 x 9 x 6 cm
- **Device weight:** 135 g
- **Package weight:** 170 g
- **1D Readable Codes:** EAN-13, EAN-8, UPC-A, UPC-E, CODE 128, CODE 39, CODE 93, CodaBar, Interleaved 2 of 5 (ITF), Industrial 2 of 5, Matrix 2 of 5, CODE 11, MSI Plessey, RSS-14, RSS-Limited, RSS-Expanded
- **2D Scanned Codes:** QR, DataMatrix, PDF417, Micro QR, HanXin

Set contents

- Wired Multidimensional Code Reader
- RS232 cable
- Instruction manual in paper English
- User manual in electronic form in Polish

Features

- **Scanning:** when you hold the code (automatically)
- **Scan speed:** 200 scans/second
- **Types of barcodes scanned:** 1D and 2D barcodes (e.g., QR) from printed labels and phone screens
- **Drop resistance:** up to 1.6 meters

Master codes

Before setting any function, you need to scan the “Entering Configuration Mode” code first, and after setting it, it is necessary to read the “Exit Configuration Mode” code.



Entering Setup Mode



Exiting Setup Mode



Restoring settings

Factory



Save the current configuration as

Default settings



Restore default

user settings

The device gives you the option to save the settings used as default settings. To do this, scan the code “Save the current configuration as default”. After reading the “Restore user default settings” code, you can return to the configuration set by the user.

Interface settings



USB HID



USB Virtual COM

Barcode scanning modes



Continuous mode



Auto mode

Time delay between barcode scans



No delay



500ms



1000ms (Default)



3000 ms



500 ms

Setting the delay time for scanning a repeating barcode



Delay Enabled



Delay Off
(Default)



Delay on all the time



500ms



1000ms



3000ms



5000ms

Light signal settings

Backlight



Backlight on during scan



Backlight on

All the time



Backlight

Disabled

Led



LED during
scanning enabled (default)



LED during
scanning disabled

Dative



Enabled



Disabled

Beep settings



Mute

Enabled



Mute off

(Default)



Loud beep

(Default)



Silent signal

Sound



Sound during
scanning enabled
(default)



Sound when scanning
Disabled



Beep during
Startup enabled (default)



Beep during
Startup Disabled

Scanning reversed codes



Disabled (default)



Enabled

Setting Prefix and Suffix



Prefix Enabled



Prefix disabled (default)



Setting

Prefix



Suffix On



Suffix disabled (default)



Setting

Suffix

Setting End Characters



Trails Off



CR (default)



TAB



CRLF

Save and cancel settings

After scanning the numeric or alphanumeric code in Appendix 1, scan the “Save” code to save the settings. By scanning the appropriate code below, you can cancel the setting of one digit, the entire sequence of added digits, and cancel the current settings.



Save



Cancel the last digit



Canceling the entire string of digits



Canceling current settings

Appendix 1. Numeric and alphanumeric barcodes



0



1



2



3



4



5



6



7



8



9



A



B



C



D



E



F

Appendix 2. ASCII character table

00	0	NUL (Null char.)
01	1	SOH (Start of Header)
02	2	STX (Start of Text)
03	3	ETX (End of Text)
04	4	EOT (End of Transmission)
05	5	ENQ (Enquiry)
06	6	ACK (Acknowledgment)
07	7	BEL (Bell)
08	8	BS (Backspace)
09	9	HT (Horizontal Tab)
0a	10	LF (Line Feed)
0b	11	VT (Vertical Tab)
0c	12	FF (Form Feed)
0d	13	CR (Carriage Return)
0e	14	SO (Shift Out)
0f	15	SI (Shift In)

10	16	DLE (Data Link Escape)
11	17	DC1 (XON) (Device Control 1)
12	18	DC2 (Device Control 2)
13	19	DC3 (XOFF) (Device Control 3)
14	20	DC4 (Device Control 4)
15	21	NAK (Negative Acknowledgment)
16	22	SYN (Synchronous Idle)
17	23	ETB (End of Trans. Block)
18	24	CAN (Cancel)

19	25	EM (End of Medium)
1a	26	SUB (Substitute)
1b	27	ESC (Escape)
1c	28	FS (File Separator)
1d	29	GS (Group Separator)
1e	30	RS (Request to Send)
1f	31	US (Unit Separator)
20	32	SP (Space)
21	33	! (Exclamation Mark)
22	34	" (Double Quote)
23	35	# (Number Sign)
24	36	\$ (Dollar Sign)
25	37	% (Percent)
26	38	& (Ampersand)

27	39	` (Single Quote)
28	40	((Right / Closing Parenthesis)
29	41) (Right / Closing Parenthesis)
2a	42	* (Asterisk)
2b	43	+ (Plus)
2c	44	, (Comma)
2d	45	- (Minus / Dash)
2e	46	. (Dot)
2f	47	/ (Forward Slash)
30	48	0
31	49	1
32	50	2
33	51	3

34	52	4
35	53	5
36	54	6
37	55	7
38	56	8
39	57	9
3a	58	: (Colon)
3b	59	; (Semi-colon)
3c	60	<(Less Than)
3d	61	= (Equal Sign)
3e	62	>(Greater Than)
3f	63	? (Question Mark)
40	64	@ (AT Symbol)
41	65	A

42	66	B
43	67	C
44	68	D
45	69	E
46	70	F
47	71	G
48	72	H
49	73	I
4a	74	J
4b	75	K
4c	76	L
4d	77	M
4e	78	N

4f	79	O
50	80	P
51	81	Q
52	82	R
53	83	S
54	84	T
55	85	U
56	86	V
57	87	W
58	88	X
59	89	Y
5a	90	Z
5b	91	[(Left / Opening Bracket)
5c	92	\ (Back Slash)
5d	93] (Right / Closing Bracket)


5e	94	^ (Caret / Circumflex)
5f	95	_ (Underscore)
60	96	' (Grave Accent)
61	97	a
62	98	b
63	99	c
64	100	d
65	101	e
66	102	f
67	103	g
68	104	h
69	105	i

4f	79	O
50	80	P
51	81	Q
52	82	R
53	83	S
54	84	T
55	85	U
56	86	V
57	87	W
58	88	X
59	89	Y
5a	90	Z
5b	91	[(Left / Opening Bracket)
5c	92	\ (Back Slash)
5d	93] (Right / Closing Bracket)

5e	94	^ (Caret / Circumflex)
5f	95	_ (Underscore)
60	96	' (Grave Accent)
61	97	a
62	98	b
63	99	c
64	100	d
65	101	e
66	102	f
67	103	g
68	104	h
69	105	i

6a	106	j
6b	107	k
6c	108	l
6d	109	m
6e	110	n
6f	111	o
70	112	p
71	113	q
72	114	r
73	115	s
74	116	t
75	117	u
76	118	v
77	119	w

78	120	x
79	121	y
7a	122	z
7b	123	{ (Left/ Opening Brace)
7c	124	(Vertical Bar)
7d	125	} (Right/Closing Brace)
7e	126	~ (Tilde)
7f	127	DEL (Delete)

<div>User Manual</div> <div>2D QR Code Reader</div> <div>HD340-RS232</div> <div></div>	<div>HDWR RS2322D QR Code Reader [pdf] User Manual</div> <div>RS2322D, RS2322D QR Code Reader, QR Code Reader, Code Reader, Reader</div>
---	--

References

- [User Manual](#)

Manuals+, Privacy Policy

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.