

Manual

QR scanner with WIFI
cradle and built-in
memory
HD1100A

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Specifications:

- **Warranty:** 2 years
- **Material:** ABS+TP
- **Light Source:** 617nm CMOS LED
- **Scanning method:** polyurethane rollers embedded in rails
- **Scan confirmation:** light and sound
- **Battery Capacity:** 1800mAh
- **Battery life on a single charge:** up to 45 hours
- **Charging time:** up to 4 hours
- **Interfejs:** USB, Virtual COM-USB
- **Cooperation with fiscal cash registers:** Novitus Santo Lan E
- **Cord length:** 150 cm
- **Device dimensions:** 17 x 9.5 x 6.5 cm
- **Receiver dimensions:** 2 x 1.5 x 0.6 cm
- **Package dimensions:** 16.5 x 10 x 8.2 cm

- **Weight with packaging:** 360 g
- **Weight with packaging:** 430 g
- **Operating temperature:** -20 - 50°C
- **Storage temperature:** -40 - 60°C
- **Readable 1D codes:** UPC-A, UPC-E, EAN-8, EAN-13, Code 128, Code 39, Code 93, Code 11, Interleaved 2 z 5 (ITF), Matrix 2 of 5, Standard 2 z 5, Codabar, MSI Plessey, RSS and other one-dimensional
- **Odczytywane kody 2D:** QR Code, Data Matrix, PDF417, Aztec, Maxicode

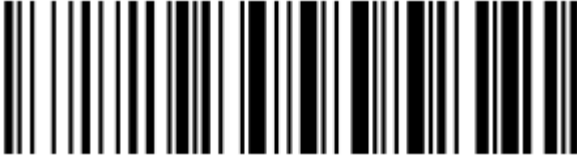
Set contents:

- Wireless QR Code Reader
- USB Micro Receiver
- Mounting stand
- Charging and communication cable
- Manual

Factory reset



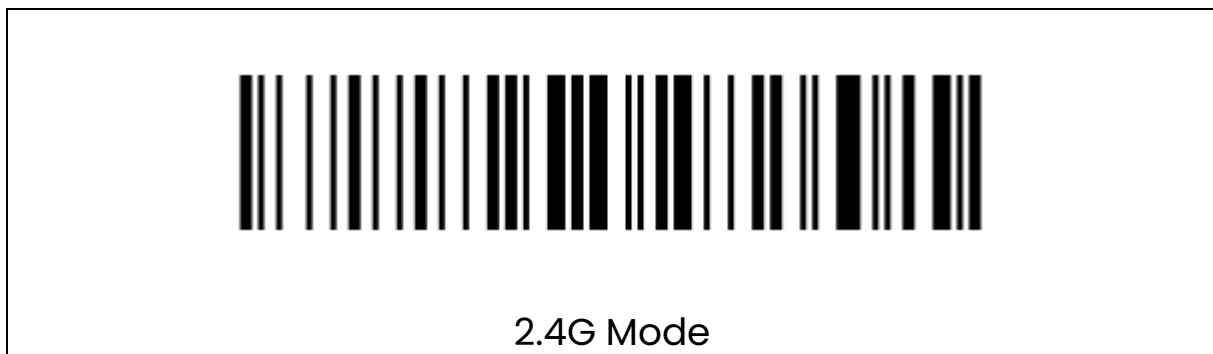
Factory Presets (Scan Functions)



Factory Setting (Wireless Connection Features)

Wireless Connection Settings

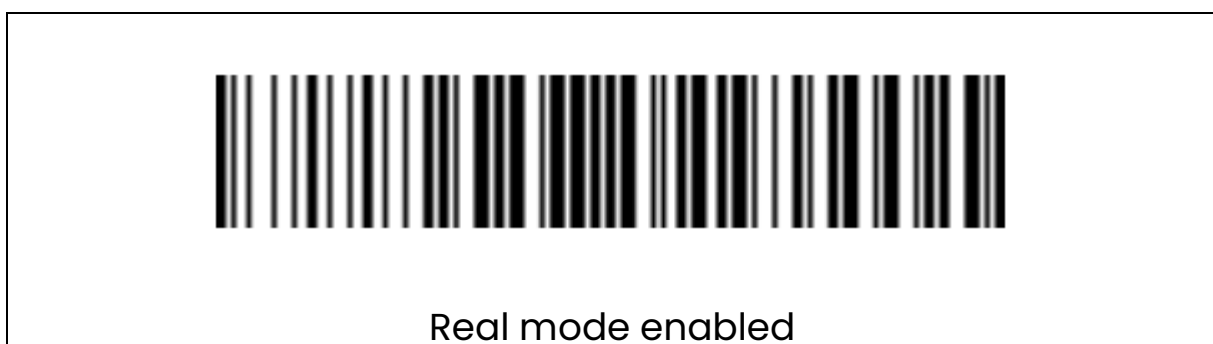
To pair the USB receiver with the scanner and achieve a wireless connection via radio communication, connect the receiver to the USB port of a computer, and then use the reader to scan the "2.4G" code.



Barcode Transfer Modes

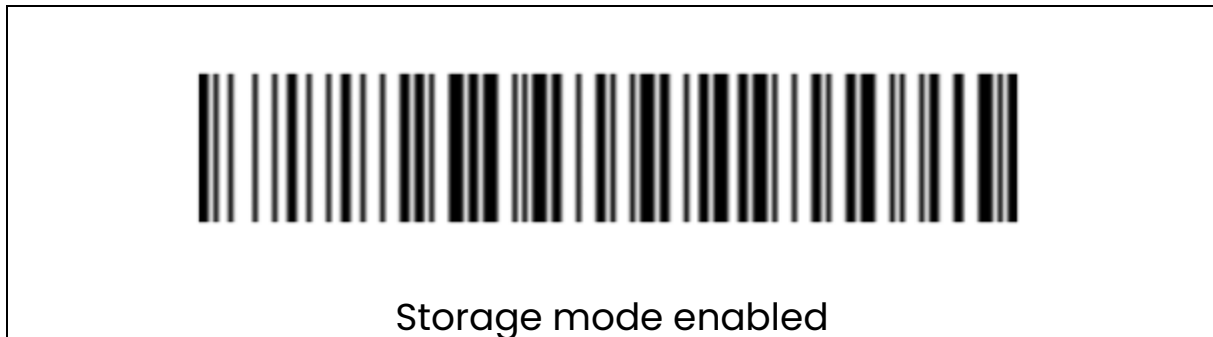
Real-world mode

In real mode, barcodes are sent directly to the computer immediately after scanning.



Storage mode

In storage mode, scanned codes are stored in the scanner's internal memory for later transfer to a computer.



No Data Loss Mode

In no-data mode, codes are transferred to the computer immediately after scanning and the scanner is within the wireless operating range. When the reader is out of the wireless range, the scanned codes are stored in the internal memory of the device. In order to transfer the stored data to the target device, the "Data transfer" code must be scanned after wireless communication is re-established.



Remark. Before enabling the mode without data loss, it is recommended to scan the "Delete Saved Data" code to clear the internal memory of the device.

Storage Mode Features


Display of the total amount of saved data

Data transfer


High data transfer speeds (default)



Slow data transfer speed



Deleting saved data

Device power and sleep time settings



Battery level



Instant Scanner Sleep

To set the time after which the scanner should enter sleep mode, first scan the "Autosleep Time Setting" code, and then scan the code with the appropriate time.



Auto-sleep time setting



2 minutes (default)



10 minutes



20 minutes



8 hours



Sleep mode off

Interface settings



USB-HID (default)



USB Virtual COM

Case settings



Uppercase letters only



Lowercase only



Conversion to uppercase/lowercase letters



No Letter Replacement (Default)

Barcode scanning modes



Manual mode



Auto mode

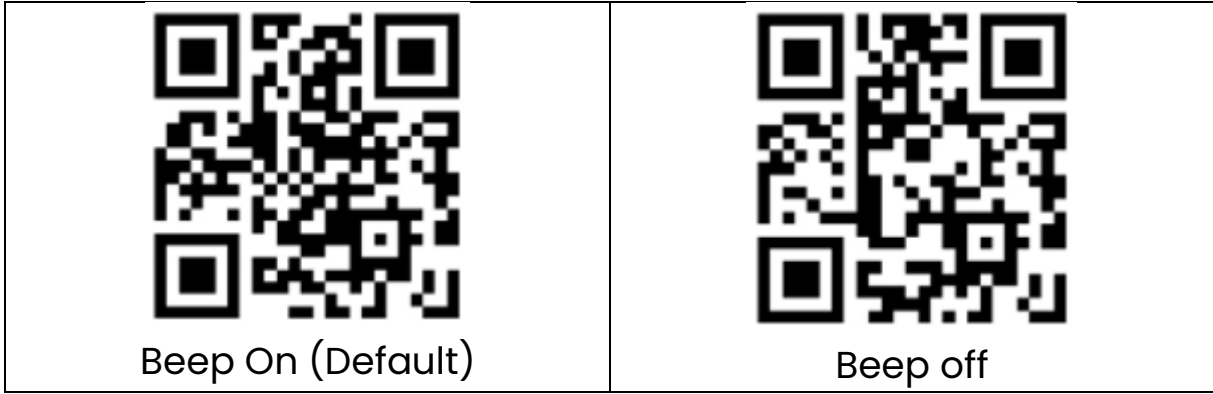
To return to scanning codes using the scan button, scan the "Factory Reset" code

Setting End Characters

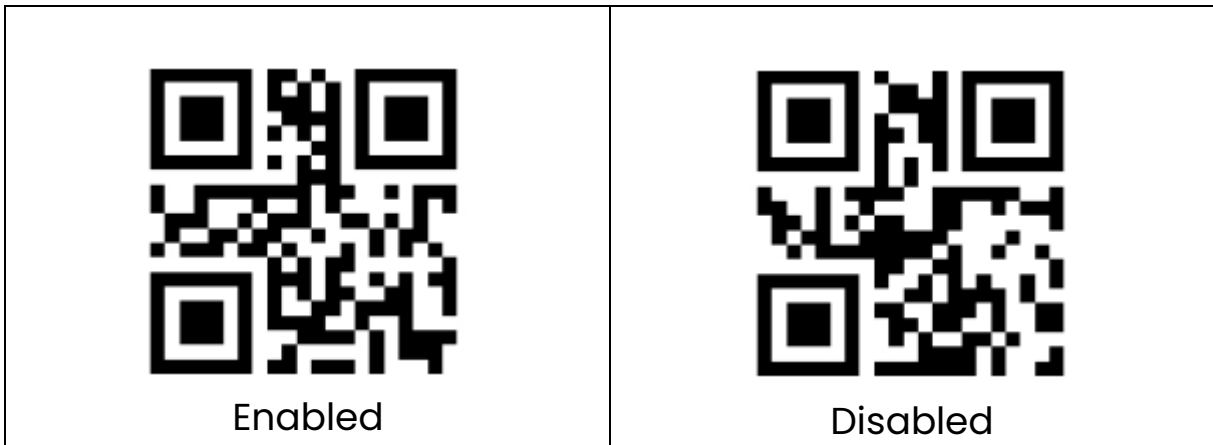
 Disabled	 CR
 LF+CR	 TAB
 LF	 ETX

Beep settings

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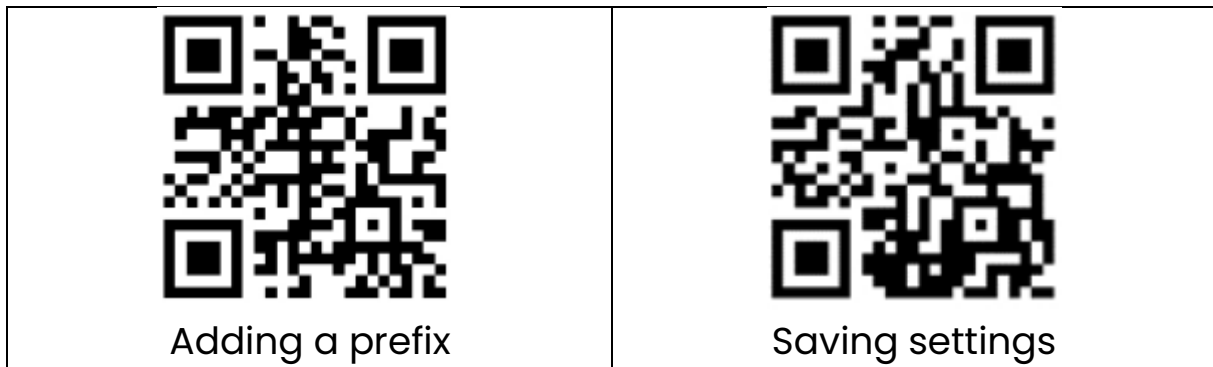


Scanning reversed codes



Prefix setting

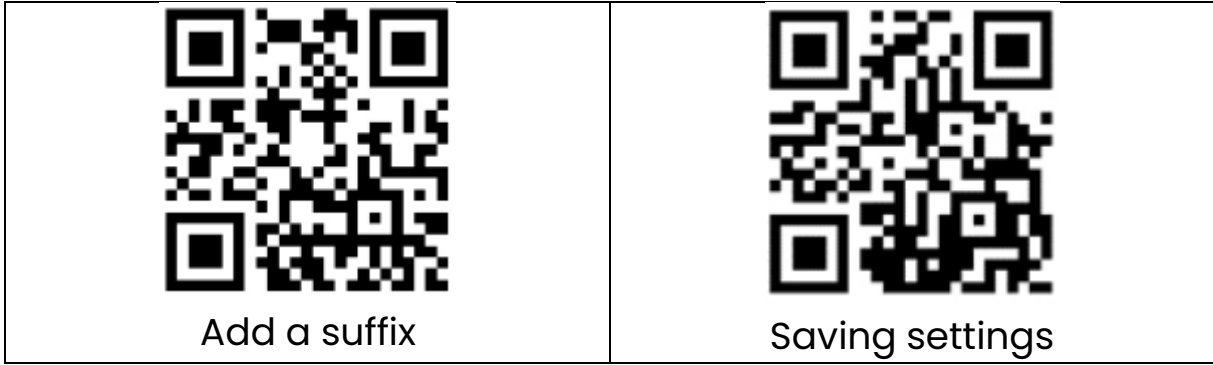




In order to set the Prefix, first scan the code "Prefix display enabled", then "Add prefix", then read the code with the appropriate characters (see ASCII table) from the character table, which are to be used as the prefix, and finally scan the code "Save settings".

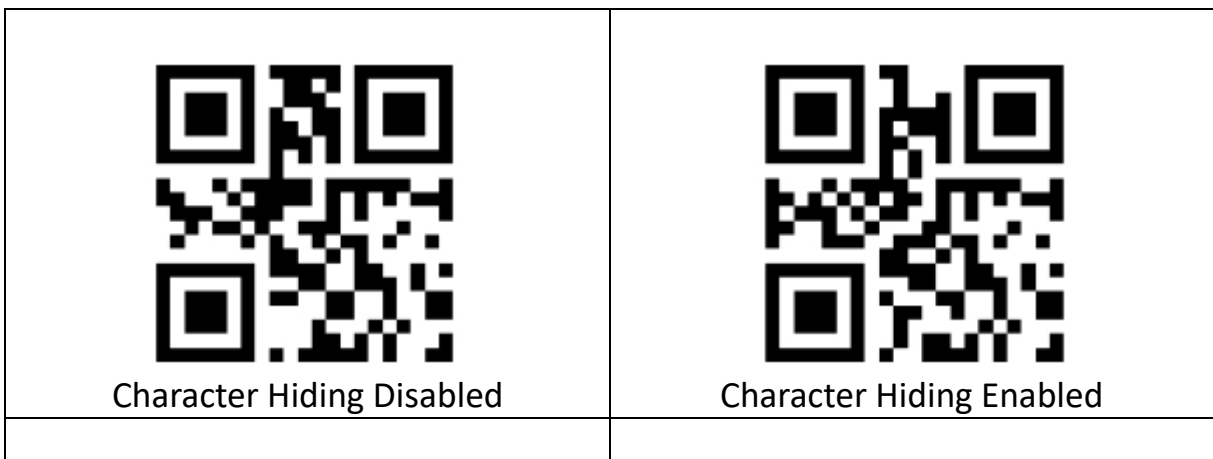
Setting the suffix





In order to set the suffix, first scan the "Suffix display on" code, then read the "Add suffix" code, scan the code with the appropriate characters (see ASCII table) from the character table that are to be used as the suffix, and finally read the "Save settings" code.

Hide characters in a barcode





















In order to hide individual digits in the barcode, first scan the "Character hiding on" code, then scan the "Initial characters" or "Trailing characters" code, depending on whether you want to hide the digits at the beginning or end of the barcode. From the character table at the end of the instructions, scan the two codes corresponding to the number you want to hide. After completing the above steps, you should finally read the "Saving Settings" code.

For example: The code is in the form 123456789. The number 1 is to be hidden. Scan the code "0" and "1" from the table with numerical codes, and the scanned code will be in the form of 23456789.

Appendix 1. Numeric codes

 0	 1
 2	 3
 4	 5
 6	 7
 8	 9

 <p>A</p>	 <p>B</p>
 <p>C</p>	 <p>D</p>
 <p>E</p>	 <p>F</p>

Appendix 2. ASCII character table

00	0	NUL	2B	43	+	56	86	V
01	1	SOH	2C	44	,	57	87	W
02	2	STX	2D	45	—	58	88	X
03	3	ETX	2E	46	.	59	89	Y
04	4	EOT	2F	47	/	5A	90	Z
05	5	ENQ	30	48	0	5B	91	[
06	6	ACK	31	49	1	5C	92	\
07	7	BEL	32	50	2	5D	93]
08	8	BS(Backspace)	33	51	3	5E	94	^
09	9	HT(Tab)	34	52	4	5F	95	_
0A	10	LF(CTRL J)	35	53	5	60	96	`
0B	11	VT(CTRLK)	36	54	6	61	97	a
0C	12	FF(CTRL L)	37	55	7	62	98	b
0D	13	CR(Enter)	38	56	8	63	99	c
0E	14	SO(CTRL N)	39	57	9	64	100	d
0F	15	SI(CTRL O)	3A	58	:	65	101	e
10	16	DLE(CTRL P)	3B	59	;	66	102	f
11	17	DC1(CTRL Q)	3C	60	<	67	103	g
12	18	DC2(CTRL R)	3D	61	=	68	104	h
13	19	DC3(CTRL S)	3E	62	>	69	105	i
14	20	DC4(CTRL T)	3F	63	?	6A	106	j
15	21	NAK(CTRL U)	40	64	@	6B	107	k
16	22	SYN(CTRL V)	41	65	A	6C	108	l
17	23	ETB(CTRL W)	42	66	B	6D	109	m
18	24	CAN(CTRL X)	43	67	C	6E	110	n
19	25	EM(CTRL Y)	44	68	D	6F	111	o
1A	26	SUB(CTRL Z)	45	69	E	70	112	p
1B	27	ESC(ESC)	46	70	F	71	113	q
1C	28	FS(CTRL \)	47	71	G	72	114	r
1D	29	GS(CTRL])	48	72	H	73	115	s
1E	30	RS(CTRL ^)	49	73	I	74	116	t
1F	31	US(CTRL _)	4A	74	J	75	117	u
20	32	(space)	4B	75	K	76	118	v
21	33	!	4C	76	L	77	119	w
22	34	"	4D	77	M	78	120	x
23	35	#	4E	78	N	79	121	y
24	36	\$	4F	79	O	7A	122	z
25	37	%	50	80	P	7B	123	{
26	38	&	51	81	Q	7C	124	|
27	39	'	52	82	R	7D	125	}
28	40	(	53	83	S	7E	126	~
29	41	)	54	84	T	7F	127	DEL
2A	42	*	55	85	U			