

Manual

Wireless, automatic
code reader

HD1100

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Specifications:

- **Warranty:** 2 years
- **Material:** ABS + TP
- **Light Source:** 617nm CMOS LED
- **Scanning method:** manual (on the button) / automatically (after bringing the code closer)
- **Scan Acknowledgement:** Light and Sound Signal
- **Battery Capacity:** 1800mAh
- **Battery life on a single charge:** up to 45 hours
- **Charging time:** up to 4 hours
- **Interfejs:** USB, Virtual COM-USB
- **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
- **Reader weight:** 215 g
- **Weight with packaging:** 275 g
- **Operating temperature:** -20° - 50°C
- **Storage temperature:** -40° - 60°C
- **Readable ID codes:** UPC-A, UPC-E, EAN-8, EAN-13, Code 128, Code 39, Code 93, Code 11, Interleaved 2 of 5 (ITF), Matrix 2 of 5, Standard 2 of 5, Codabar, MSI Plessey, RSS and other one-dimensional
- **Odczytywane kody 2D:** QR Code, Data Matrix, PDF417, Aztec, Maxicode

Set contents:

- Wireless 1D/2D barcode reader,
- USB receiver,
- charging and communication cable,
- Manual

To restore the scanner to factory settings:



Factory Setting



Default settings (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.



2.4G

Barcode Transfer Modes:

Real-world mode

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



Real mode enabled

Storage mode

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



Storage mode enabled

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.



No data loss mode enabled

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.

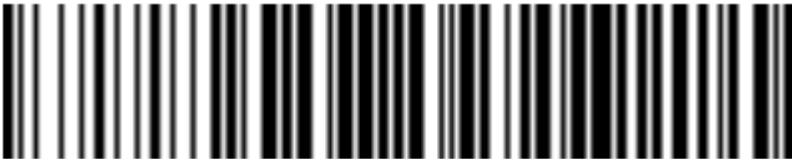
Storage mode options



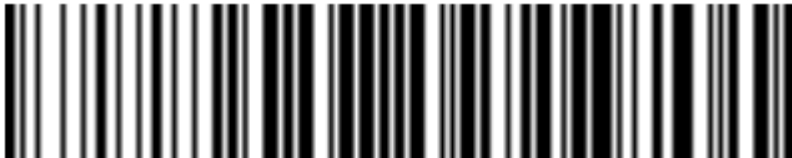
Display of the total amount of saved data



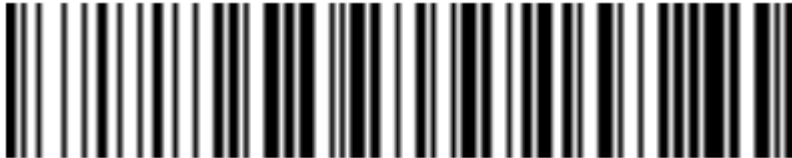
Data transfer



High-speed data transfer (default)



Slow data transfer speed



Deleting saved data

Power and sleep 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



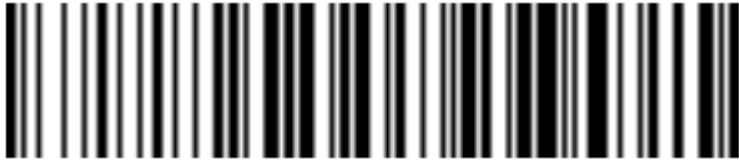
2 minutes (default)



10 minutes



20 minutes



8 hours



Sleep mode off

Interface Settings:



USB-HID (default)



USB Virtual COM

Case settings:



Uppercase letters only



Lowercase only



Change to uppercase/lowercase letters



No change of letters (default)

Barcode Scanning Modes:



Continuous mode



Auto mode

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

Endpoint settings:



Disabled



CR



LF+CR



TAB



LF



ETX

Beep settings:



Beep On (Default)



Beep off

Scanning reversed codes:



Enabled



Disabled

Prefix settings:



Prefix display disabled



Prefix display enabled



Adding a prefix



Saving settings

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".

Suffix settings:



Suffix display disabled



Suffix display enabled



Add a suffix



Saving settings

In order to set a 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 you want to use as the suffix, and finally read the "Save settings" code.

Hiding characters in a barcode:



Character Hiding Disabled



Character Hiding Enabled



Initial characters



End Marks



















Saving settings

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. Numerical 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			