User Manual

Code Reader

HD-SL36A

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Specifications:

- **Warranty:** 2 years
- **Sensor:** CMOS
- **Processor:** 32 bit ARM
- **Resolution:** 640 x 480 px
- **Scanning method:** manual (on the button) / automatically (after the code is brought closer)
- **Interface:** USB, Virtual COM
- **Cord length:** 150 cm
- **Ingress protection:** IP54
- **Device dimensions:** 16.3 x 6.8 x 8 cm
- **Base dimensions:** 10.7 x 8 x 13 cm
- **Package dimensions:** 10.5 x 8 x 24 cm
- **Weight:** 360 g
- **Package weight:** 460 g
- **Operating temperature:** -10 to 50°C
- **Storage temperature:** -20 to 60°C
- **Operating humidity:** 5 to 95%
- **Storage humidity:** 5 to 95%
- **Read 1D codes:** CodaBar, Code 11, Code 32, Code 39, Code 93, Code 128, IATA 2 of 5, Interleaved 2 of 5 (ITF), GS1 DataBar, HongKong 2 of 5, Matrix 2 of 5, MSI Plessey, NEC 2 of 5, Pharmacode Plessey, Straight 2 of 5, Telepen, Trioptic, UPC/EAN/JAN, Codablock F, microPDF, GS1 Composite
- **Readable 2D codes: MaxiCode, DataMatrix (ECC 200), QR Code, microQR, Aztec, HanXin, GoCode**

Set contents:

- Wired Multidimensional Code Reader
- Built-in USB cable for communication with a computer
- Reader stand
- Manual

Features:

- **Scanning:** manual (push-button) / automatic (when the code is touched)
- **Types of codes read:** 1D and 2D barcodes, including QR and Aztec codes, from paper labels and phone screens
- **Ingress protection:** IP54
- **Additional features:** reader stand, prefix and suffix programmable

Device Installation:

- Plug the reader cable into your computer's USB port
- The driver will be installed automatically
- Once the installation is complete, a message will be displayed
- Once you have completed the above steps, your device is ready to go
- The reader will automatically turn off after a long period of inactivity

Control Codes

Factory reset

Prefix settings

Prefix setting enabled

Prefix setting disabled(default)

Removal of all prefixes set

Setting a user-defined prefix

After scanning the above code, it is possible to set the desired prefix based on the data and barcode found in the ASCII table.

Suffix setting

Suffix setting enabled

Suffix setting disabled (default)

Delete all set Suffixes

User-defined suffix setting

After scanning the "User Defined Suffix Setting" code, it is possible to set the desired suffix based on the data and barcode found in the ASCII table.

Reverse Code Scan Settings

Only for 1D and DataMatrix and Aztec codes

Scan only normal codes (default)

Scan only inverted Codes

Scanning of normal and reversedcodes

Audio settings

Soft beep

Loud beep (default)

Sound notification when the device starts up

A beep at the when the device starts off

A beep at the Device startup enabled (default)

Sound notification of successful code reading

Beep after scanning Code Enabled

Beep after Scanned code (default)

Silent beep

Average Signal Volume Audible (default)

Loud beep

Long beep (default)

Short beep

Audible notification of misreading

If the reading fails, the device will emit 4 alarm tones in succession. One alarm signal means that an unrecognized barcode has been scanned.

Silent Alarm Signal (default)

Medium Signal Volume

alarm

Loud beep

Light notifications for successful code reading

Light Notifications

Light Notifications Off Enabled (Default)

Time limit between scanning the same barcodes

By default, the time interval between the first and second scans of the same barcode is set to 200 ms. To avoid multiple scans of the same barcode, you can set a longer time interval.

300 ms

500 ms

750 ms

1 s

2 sec

Case settings

Standard Case

Reversal (default)

Uppercase

Lowercase

Language settings

English (US)

French

Italian

Italian 142

German

Spanish

Finnish

Japanese

Russian (MS)

Arabic 101

Irish

Polish (214)

Polish (programming)

Dutch

Czech (QWERTZ)

Portuguese

Portuguese (Brazil)

Swedish

Turkish Q

Turkish F

Greek

Broadcast settings

Original barcode data

Transmission of only the initial

field initial

Transmission of an intermediate field

Transmission of the final field

Setting the Field Length

Length Setting

Length Setting

Initial

Remark! The length of the field is configured in bytes using 10-digit data.

Enable/disable individual barcodes

All Barcodes All

Barcodes On Disabled

All Enabled All 1D

Codes Disabled

1D codes

All 2D codes enable

All 2D codes disabled

Codabar Code

On

Off

Sending a start/end character Off (default)

Sending a start/end character Enabled

Minimum Length Limit characters for Codabar code (0~50 bits)

Maximum character length limit for Codabar code (0~50 bits)

Code 11

On

Off (default)

Code 39

On

Off

Code 39 full ASCII

On

Off (default)

Sending a check bit

Sending a check bit disabled enabled

Minimum character length (0~50 bits)

Maximum character length (0~50 bits)

Code 32

On

Off

Interleaved Code 2 of 5 (ITF5)

On

Off

No fixed length characters (4-24)

Fixed length 6 characters

Fixed length 8 characters

Fixed character length 10

Fixed character length 12

Fixed length 14

Fixed length 16

Fixed character length 18

Fixed character length 20

Fixed length of 24 characters

Maximum length (0~50 bits)

Minimum length (0~50 bits)

Industrial Code 2 of 5

On

Off

Minimum length (0~50 bits)

Maximum character length

(0~50 bits)

Code Matrix 2 of 5

On

Off

Minimum character length (0~50 bits)

Maximum characters length (0~50n bits)

Code 93

On

Off

Minimum Length

Maximum Length characters (0~50 bits)

Code 128

On

Off

Code GS1-128

On

Off

UPC-A code

On

Off

Sending the check bit

Control bit sending disabled

Converting UPC-A code to EAN-13 code

Change On

Change Off

(default)

UPC-E code

On

Off

Sending a check bit Sending a check bit

Disabled

Convert UPC-E code to UPC-A code

Swap On

Change Off (default)

EAN code/ JAN-8

On

Off

EAN code/ JAN-13

On

Off

Extra bit for UPC/ EAN/ JAN codes

Ignoring the extra bit

Decoding the extra bit (default) bit

Automatic adjustment of the extra bit

Convert EAN13 to ISBN

On

Off (default)

Convert EAN13 to ISSN

On

Off

GS1 DataBar Code (RSS14)

On

Off

GS1 DataBar Limited Code (Limited)

On

Off

GS1 DataBar Expanded Code

On

Off

PDF417 Code

On

Off

Micro Code PDF417

On

Off

QR-code

On

Off

Micro QR Code

On

Off

DataMatrix Code

On

Off

Aztec Code

On

Off

ASCII character table

Dziesiętny	Szesnastkowy	Znak	Dziesiętny	Szesnastkowy	Znak	Dziesiętny	Szesnastkowy	Znak
32	20	<SPACE>	64	40	@	96	60	`
33	21	!	65	41	A	97	61	a
34	22	“	66	42	B	98	62	b
35	23	#	67	43	C	99	63	c
36	24	$	68	44	D	100	64	d
37	25	%	69	45	E	101	65	e
38	26	&	70	46	F	102	66	f
39	27	‘	71	47	G	103	67	g
40	28	(	72	48	H	104	68	h
41	29	)	73	49	I	105	69	i
42	2A	*	74	4A	J	106	6A	j

43	2B	+	75	4B	K	107	6B	k
44	2C	,	76	4C	L	108	6C	l
45	2D	-	77	4D	M	109	6D	m
46	2E	.	78	4E	N	110	6E	n
47	2F	/	79	4F	O	111	6F	o
48	30	0	80	50	P	112	70	p
49	31	1	81	51	Q	113	71	q
50	32	2	82	52	R	114	72	r
51	33	3	83	53	S	115	73	s
52	34	4	84	54	T	116	74	s
53	35	5	85	55	U	117	75	u
54	36	6	86	56	V	118	76	v
55	37	7	87	57	W	119	77	w
56	38	8	88	58	X	120	78	x
57	39	9	89	59	Y	121	79	y
58	3A	:	90	5A	Z	122	7A	z
59	3B	;	91	5B	[	123	7B	{
60	3C	<	92	5C	\	124	7C	|
61	3D	=	93	5D	]	125	7D	}
62	3E	>	94	5E	^	126	7E	~
63	3F	?	95	5F	_			