

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:

1. Scanning: manual (push-button) / automatic (when the code is touched)
2. Types of codes read: 1D and 2D barcodes, including QR and Aztec codes, from paper labels and phone screens
3. Ingress protection: IP54
4. 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 reversed
codes

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 Medium Signal Volume

(default) 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 Code Data Submit only the start barcode field



Submit a field Submit an end field

Intermediate

Setting the Field Length



Length Setting End Length Setting

Initial

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

Enable/disable individual barcodes



All Barcodes On All Barcodes Disabled



All Enabled All 1D Codes Disabled

1D codes



All Enabled All Disabled All 2D Codes

2D codes

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 characters Fixed length 16 characters



Fixed character length 18 Fixed character length 20



Fixed length of 24 characters



Maximum length Minimum character length (0~50 bits) (0~50 bits)

Industrial Code 2 of 5



On Off



Minimum length Maximum character length (0~50 bits) (0~50 bits)

Code Matrix 2 of 5



On Off



Minimum length Maximum character length (0~50 bits)
characters (0~50 bits)

Code 93



On Off



Minimum Length Maximum Length
characters (0~50 bits) characters (0~50 bits)

Code 128



On Off

Code GS1-128



On Off

UPC-A code



On Off



Sending a check bit



Sending a check bit enabled 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,



GSI DataBar Code (RSS14)



On Off



GSI DataBar Limited Code (Limited)



On Off



GSI 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



Off 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	_			

