



BCS-03

2D Wired Barcode Scanner



2. Technical parameters

Product Specification: BCS-03 2D Wired Barcode Scanner		
Scanner parameters:		
CPU: ARM 32-bit Cortex		Sensor: CMOS 640*480
Resolution : 4mil		Light aimer: 624nm LED
Printing Contract : ≥25%		Material: ABS+PC
Indication: Buzzer & LED		Interface : USB
Decoding speed: 500scans/sec		Anti inference: 0-100000Lux Max
Button life : 5000,000 times		Voltage:5V DC
Depth of Field	13mil-EAN13	40-250mm
	4mil-code39	50-90mm
	20mil-QR	40-290mm
	10mil-PDF417	40-260mm
Decode Capability: 1D: UPC-A, UPC-E, EAN-8, EAN-13, Code 128, Code 39, Code 93, Code 11, Interleaved 2 of 5, Matrix 2 of 5, Standard 2 of 5, Coda bar, MSI Plessey, RSS, Codabar, ISBN、ISSN、GS1 DataBar(RSS14)etc. 2D: QR Code、Micro QR、Data Matrix、PDF417 etc.		
Trigger Mode: Handheld,Continuous, Auto-Induction		
Scanning angle: Angle of rotation360°, inclination± 65°,declination ± 60°		
Current: 80mA(working current), 30mA(standby current)		
Temperature: -20℃-50℃(Working) -40℃-60℃(Storage)		
Drop test : 1.5m		
Operating Humidity: 5 - 95% (non-condensing)		
Certificate : CE, FCC, RoHS, IP54		

3. Packaging Details

- * Standard List: Scanner *1, USB Cable *1, Manual *1, Box *1.
- * Single Package Size: 200*70*100mm
- * Single Gross Weight: 0.25kg
- * 50pcs/CTN Carton Size: 535*420*350mm
- * 50pcs/CTN Carton G.W.:13Kg, N.W:11Kg

4. Product Pictures

Powerful Decoding Ability

Fast scanning speed, strong decoding ability, and high cost-effectiveness



Multiple Core Functions

High precision desktop scanner



Multiple Keyboard Languages

- Adding / hiding prefix / suffix
- Add keyboard keys (TAB, CR, etc.)
- Change the capital/lower case
- Volume adjustment



Multi System Compatibility

Compatible with Windows/Android/Mac Os
Linux operating systems





EU DECLARATION OF CONFORMITY

1. Model No., trademark:

Trademark	POWER ON
Model Name	BCS-01,BCS-01W,BCS-02,BCS-02BW, BCS-03,BCS-03BW, BCS-06BW, BCS-07BW,BCS-04,BCS-05BW

2. Name and address of the manufacturer:

Name of the manufacturer	DOT MEDIA LTD
Address	KATEVASIAS & NTALIAS 18 AXARNAI, GREECE

3. This declaration of conformity is issued under the sole responsibility of the manufacturer.

4. Object of the declaration:

Product Type	Model Name	Sales Name
Barcode Scanner	BCS-01,BCS-01W,BCS-02,BCS-02BW, BCS-03,BCS-03BW, BCS-06BW, BCS-07BW, BCS-04,BCS-05BW	BCS-01,BCS-01W,BCS-02,BCS-02BW, BCS-03,BCS-03BW, BCS-06BW, BCS-07BW, BCS-04,BCS-05BW

5. The object of the declaration described above is in conformity with the relevant Union harmonisation legislation directive and Other Union harmonisation legislation where applicable:

Radio Equipment Directive 2014/53/EU
RoHS Directive

6. References to the relevant harmonised standards or the common specifications used or references to the other technical specifications in relation to which conformity is declared:

Radio Equipment Directive	EN 55032:2015+A11:2020; EN IEC 61000-3-2:2019+A1:2021 EN 61000-3-3:2013+A2:2021; EN 55035: 2017+A11:2020 EN 301 489-1 V2.2.3 (2019-11); EN 301 489-17 V3.2.4 (2020-09) EN 300 328 V2.2.2 (2019-07); EN 62479:2010, EN IEC 62368-1:2020+A11:2020; EN IEC 62680-1-3:2022
RoHS Directive	Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment, 2011/65/EU Annex II and its amendment Directive (EU) 2015/863 as well as RoHS harmonized standard EN IEC 63000: 2018.

7. EU Authorized Representatives Details:

Name: DOT MEDIA LTD

Address: KATEVASIAS & NTALIAS 18 AXARNAI, GREECE

Contact Person: Theodoros Mavroeidis

E-mail: info@dot-media.gr

Place and date of issue

AXARNAI, 20/11/2025

Signature

DOTMEDIA ΕΜΠΟΡΙΑ ΑΝΑΛΩΣΙΜΩΝ ΕΙΔΩΝ
& ΕΦΑΡΜΟΓΩΝ ΠΛΗΡΟΦΟΡΙΚΗΣ ΕΠΕ
ΜΟΝΑΡΧΙΚΟ ΣΥΜΒΟΛΟ ΚΑΙ ΕΠΙΧΕΙΡΗΣΙΑΚΟΥ ΕΞΟΠΛΙΣΜΟΥ
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(Theodoros Mavroeidis)
Technical Manager



ΔΗΛΩΣΗ ΣΥΜΜΟΡΦΩΣΗΣ ΕΕ

1. Αρ. μοντέλου, εμπορικό σήμα:

Εμπορικό σήμα	POWER ON
Όνομα μοντέλου	BCS-01,BCS-01W,BCS-02,BCS-02BW, BCS-03,BCS-03BW, BCS-06BW, BCS-07BW,BCS-04,BCS-05BW

2. Όνομα και διεύθυνση του κατασκευαστή:

Όνομα του κατασκευαστή	DOT MEDIA LTD
Διεύθυνση	Κατεβάσιας & Ντάλιας 18, Αχαρνές, Ελλάδα

3. Αυτή η δήλωση συμμόρφωσης εκδίδεται με αποκλειστική ευθύνη του κατασκευαστή.

4. Αντικείμενο της δήλωσης:

Τύπος προϊόντος	Όνομα μοντέλου	Όνομα πωλήσεων
Barcode Scanner	BCS-01,BCS-01W,BCS-02,BCS-02BW, BCS-03,BCS-03BW, BCS-06BW, BCS-07BW, BCS-04,BCS-05BW	BCS-01,BCS-01W,BCS-02,BCS-02BW, BCS-03,BCS-03BW, BCS-06BW, BCS-07BW, BCS-04,BCS-05BW

5. Το αντικείμενο της δήλωσης που περιγράφεται παραπάνω είναι σύμφωνο με τη σχετική οδηγία νομοθεσίας εναρμόνισης της Ένωσης και με άλλη νομοθεσία εναρμόνισης της Ένωσης, όπου ισχύει:

Οδηγία 2014/53/ΕΕ για τον ραδιοεξοπλισμό

Οδηγία RoHS

6. Παραπομπές στα σχετικά εναρμονισμένα πρότυπα ή στις κοινές προδιαγραφές που χρησιμοποιούνται ή παραπομπές σε άλλες τεχνικές προδιαγραφές σε σχέση με τις οποίες δηλώνεται η συμμόρφωση:

Οδηγία για τον ραδιοεξοπλισμό	EN 55032:2015+A11:2020; EN IEC 61000-3-2:2019+A1:2021 EN 61000-3-3:2013+A2:2021; EN 55035: 2017+A11:2020 EN 301 489-1 V2.2.3 (2019-11); EN 301 489-17 V3.2.4 (2020-09) EN 300 328 V2.2.2 (2019-07); EN 62479:2010, EN IEC 62368-1:2020+A11:2020; EN IEC 62680-1-3:2022
Οδηγία RoHS	Περιορισμός της χρήσης ορισμένων επικίνδυνων ουσιών σε ηλεκτρικό και ηλεκτρονικό εξοπλισμό, 2011/65/ΕΕ Παράρτημα II και τροποποιητική Οδηγία (ΕΕ) 2015/863 καθώς και εναρμονισμένο πρότυπο RoHS EN IEC 63000: 2018.

7. Στοιχεία εξουσιοδοτημένων αντιπροσώπων της ΕΕ:

Όνομα: DOT MEDIA LTD

Διεύθυνση: Κατεβάσιας & Ντάλιας 18, Αχαρνές, Ελλάδα

Υπεύθυνος επικοινωνίας: Θεόδωρος Μαυροειδής

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Τόπος και ημερομηνία έκδοσης

ΑΧΑΡΝΕΣ, 20/11/2025

Υπογραφή

DOTMEDIA ΕΜΠΟΡΙΑ ΑΝΑΛΟΓΙΣΜΩΝ ΕΙΔΩΝ
& ΕΦΑΡΜΟΓΩΝ ΠΛΗΡΟΦΟΡΙΚΗΣ ΕΠΕ
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Τεχνικός Διευθυντής



SKU: BCS-03

Type: 2D

Barcode Scanner

User Manual

Table of contents

End Mark	1
Buzzer Setup	2
Reverse Code Reading.....	3
Duplicate Barcode Upload Setup	3
Invoice Function.....	4
Interface setup	4
Language Setup.....	4
CODE128	7
EAN 8	7
EAN 13	8
UPC-E0	8
UPC-A	9
Interleaved 2 of 5	11
MATRIX 25	11
CODE 39	11
CODE 32	12
CODABAR.....	13
CODE 93	14
CODE 11.....	14
ISBN	14
ISSN	14
INDUSTRIAL25.....	15
STANDARD25	15
MSI_Plessey	15
QR	15
PDF417	16
Aztec.....	16
DataMatrix	16
MicroPDF417	16
MicroQR	16
Add Prefix	17
Add Suffix	17
Delete Characters	18
Appendix 1: Parameter Code	19
Appendix 2:ASCII.....	20



Restore Defaults

If the scanner can not work normally, Pls scan "Restore Defaults".

End Mark



None



CR



LF+CR



TAB



LF



ETX

Buzzer Setup



Volume-ON*



Volume-OFF



High Volume*



Low Volume

Trigger Mode



Continuous Mode



Auto-Sensing Mode

Capital & Lowercase Setup



No Swap*



Swap



All Lowercase



All Capital

Reverse Code Reading

Turning on this setting will affect the scanning speed, please turn it on while you need to use



ON



OFF

Duplicate Barcode Upload Setup



Duplicate Detection-ON
(Auto-Sensing Mode)



Duplicate Detection-OFF*
(Auto-Sensing Mode)



Delay forever
(Auto-Sensing Mode)



Delay 3s
(Auto-Sensing Mode)



Duplicate Detection-ON
(Continue Scan Mode)



Duplicate Detection-OFF*
(Continue Scan Mode)



Delay forever
(Continue Scan Mode)



Delay 3s
(Continue Scan Mode)

Invoice Function



Invoice Function-ON



Invoice Function-OFF

Interface setup



HID-KBW



USB COM



TTL 232-9600, NO, 8, 1 -Default

Language Setup



UNITED STATES



FRANCE



ITALY



GERMANY



SPAIN



TURKEY_Q



UNITED KINGDOM



BELGIUM



PORTUGUESE_PORTUGAL



PORTUGUESE_BRAZIL



HUNGARY



TURKEY_F



GREECE



SWEDEN



FINLAND



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CZECH REPUBLIC



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 JAPAN	 THILAND
 CROATIA	 ROMANIA
 BULGARIA	 SLOVAKIA
 NORTH KOREA	

CODE 128



OFF



ON

EAN 8



OFF



ON



Check Digit-OFF



Check Digit-ON



2 Extra Code-OFF



2 Extra Code-NO



5 Extra Code-OFF



5 Extra Code-ON

EAN 13



OFF



ON



Check Digit-OFF



Check Digit-ON



2 Extra Code-OFF



2 Extra Code-NO



5 Extra Code-OFF



5 Extra Code-ON

UPC-E0



OFF



ON



Check Digit-OFF



Check Digit-ON



2 Extra Code-OFF



2 Extra Code-NO



5 Extra Code-OFF



5 Extra Code-ON



System Digit-OFF



System Digit-ON

UPC-A



OFF



ON



Check Digit-OFF



Check Digit-ON



2 Extra Code-OFF



2 Extra Code-ON



5 Extra Code-OFF



5 Extra Code-ON



System Digit-OFF



System Digit-ON



UPCA to EAN13-OFF



UPCA to EAN13-ON

Interleaved 2 of 5



OFF



ON



Check Digit-OFF



Check Digit-ON

MATRIX 25



OFF



ON



Check Digit-OFF



Check Digit-ON

CODE 39



OFF



ON



Check Digit-OFF



Check Digit-ON



Start&End Digit-OFF



Start&End Digit-ON



Full ASCII-OFF



Full ASCII-ON

CODE 32



OFF



ON



Prefix-OFF



Prefix-ON



Check Digit-OFF



Check Digit-ON

CODABAR



OFF



ON



Start&End Digit-OFF



StartABCD/End DigitABCD-ON



StartABCD/End DigitTN*e-ON



Start abcd/End Digit abcd-ON



Start abcd/End Digit tn*e-ON

CODE 93



OFF



ON

CODE 11



OFF



ON

ISBN



OFF



ON

ISSN



OFF



ON

INDUSTRIAL25



OFF



ON

STANDARD25



OFF



ON

MSI_Plessey



OFF



ON

QR



OFF



ON

PDF417



OFF



ON

Aztec



OFF



ON

DataMatrix



OFF



ON

MicroPDF417



OFF



ON

MicroQR



OFF



ON

Add Prefix



Display Prefix-OFF



Display Prefix-ON



Add Prefix

E.g. The bar code content is "123456789", add X and Y before the bar code(Check ASCII Barcode Table, X=58, Y=59), "XY123456789" will be shown.
Please scan the following code in order:
"Display Prefix-ON">"Add Prefix">Parameter Code"5","8","5","9">"Save settings"

Add Suffix



Display Suffix-OFF



Display Suffix-ON



Add Suffix

E.g. The bar code content is "123456789", add X and Y after the bar code(Check ASCII Barcode Table, X=58, Y=59), "123456789XY" will be shown.
Please scan the following code in order:
"Display Suffix-ON">"Add Suffix">Parameter Code"5","8","5","9">"Save settings"

Delete Characters



Delete Characters-OFF



Delete Characters-ON



Before Barcode



After Barcode

E.g. The bar code content is "123456789", if you want to set the scanner to delete the number 1, "23456789" will be shown.

Please scan the following code in order:

"Delete Characters-ON">"Before Barcode">"Parameter Code "0">"Parameter Code "1">"Save settings"

Appendix 1: Parameter Code



0



1



2



3



4



5



6



7



8



9



A



B



C



D



E



F



Save settings

Appendix 2:ASCII

He	De	Description	He	De	Descriptio	He	De	Descript
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(Backspac	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	10	d
0F	15	SI(CTRLO)	3A	58	:	65	10	e
10	16	DLE(CTRLP)	3B	59	;	66	10	f
11	17	DC1(CTRL Q)	3C	60	<	67	10	g
12	18	DC2(CTRL R)	3D	61	=	68	10	h
13	19	DC3(CTRL S)	3E	62	>	69	10	i
14	20	DC4(CTRL T)	3F	63	?	6A	10	j
15	21	NAK(CTRL U)	40	64	@	6B	10	k
16	22	SYN(CTRL V)	41	65	A	6C	10	l
17	23	ETB(CTRL W)	42	66	B	6D	10	m
18	24	CAN(CTRL X)	43	67	C	6E	11	n
19	25	EM(CTRL Y)	44	68	D	6F	11	o
1A	26	SUB(CTRL Z)	45	69	E	70	11	p
1B	27	ESC(ESC)	46	70	F	71	11	q
1C	28	FS(CTRL \)	47	71	G	72	11	r
1D	29	GS(CTRL)	48	72	H	73	11	s
1E	30	RS(CTRL ^)	49	73	I	74	11	t
1F	31	US(CTRL _)	4A	74	J	75	11	u
20	32	(space)	4B	75	K	76	11	v
21	33	!	4C	76	L	77	11	w
22	34	"	4D	77	M	78	12	x
23	35	#	4E	78	N	79	12	y
24	36	\$	4F	79	O	7A	12	z
25	37	%	50	80	P	7B	12	{
26	38	&	51	81	Q	7C	12	
27	39	'	52	82	R	7D	12	}
28	40	(	53	83	S	7E	12	~
29	41	)	54	84	T	7F	12	DEL
2A	42	*	55	85	U			

Frequently ask question

The bar codes in the user manual are for programming, please don't scan them arbitrarily when no need, otherwise may affect the normal use of the product.

Please try to scan "Restore defaults "bar code in the user manual for a try if the scanner cannot use normally; if problem still not resolve, please try following methods.

Problem 1:

the scanner doesn't have electricity to start on.

Reason:

1. the cable interface loosed, please fixed connection interface.
2. the computer front USB port power supply shortage, please replace the computer interface or change another to try.
3. used the incorrect cables, please use the original cable which the factory is equipped with
4. cable fault, please send back to the factory repair.

Problem 2:

the scanner has laser, but can't read the barcode.

Reason:

1. barcode has flawed, and try to scan the same type barcodes for testing again.
2. the scanning mode is not correct, scanning laser need to completely cover the barcode, if still can't read, please adjust the scanning distance and Angle, the scanner can't read the barcode at 90° angle.
3. the scanner did not open the corresponding code system, it has to scan the barcode after open the corresponding code system.

Problem 3:

the scanner has laser and it can read barcode, but can't upload the data

Reason:

1. The scanner has set up the incorrect output mode, please set the correct output mode refer to the manual.
2. the cable transmission failure, please replace the cable.

Problem 4:

the scanner has laser and it can read barcode. but it uploads the wrong decoding barcode.

Reason: the keyboard layout of the scanner is different with the country you used, please use the scanner to read the keyboard settings on the manual.

If you have any question or concern about the operation of the scanner, please contact us!

SKU: BCS-03

Producer: Dotmedia ltd

Address: Katevasias & Ntalias 18 Axarnai, Greece

Declaration for EU Hereby, Dotmedia ltd declares that the radio equipment type BCS-03 is in compliance with Directive 2014/53/EU, the full text of the EU declaration of conformity is available at the following internet address: <https://www.dot-media.gr/el/>



DOTMEDIA®

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Made in P.R.C