



BCS-02

1D CCD Wired Barcode Scanner



2. Technical parameters

Product Specification: BCS-02 1D CCD Wired Barcode Scanner	
Scanner parameters:	
Optical Source:	620nm Visible red light diode
Imaging Sensor:	CCD
Resolution Ratio:	1500 pixel
Interface:	USB
Scan speed:	200 Scans/sec
Resolution:	4mil
Print Contrast:	30% minimum reflectance difference
BER:	1/5million
Shell Material:	ABS + PC
Trigger Mode:	Handheld,Continuous
Depth of field:	2mm-500mm
Indication:	Buzzer, LED
Scanning angle:	$\pm 60^{\circ} \pm 65^{\circ} \pm 42^{\circ}$ (left and right, front and rear, turn)
Decoding capability:	UPC / EAN / JAN, UPC / EAN with Supplementals, UCC / EAN 128, Code 39, MSI, Code11, Code 39 Full ASCII,, Code 128, Code 128 Full ASCII, Codabar, Code93, Discrete2of5, RSS variants, Codabar, Chinese2of5, Interleaved2 / 5, Interleaved2of5, etc.
Power:	250 mW (work): 500 mW (maximum instantaneous)
Current:	50 mA (work): 100 mA (maximum instantaneous)
The light intensity:	3000-12000Lux
Charging input voltage:	DC 5V $\pm$ 0.25 V
Temperature:	-20 $^{\circ}$ C to 50 $^{\circ}$ C (work): -40 $^{\circ}$ C to 60 $^{\circ}$ C (storage)
EMC EMC:	EN55022, EN55024
Electrical Safety:	EN60950-1
Enclosure class:	IP54
Seismic capacity:	2.0m fall to concrete

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





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 ΣΤΕΜΑΤΟΓΡΑΦΟ ΕΛΛΗΝΙΚΟΥ ΕΣΟΤΕΡΙΚΟΥ
ΚΑΤΕΒΑΣΙΑΣ 18 & ΝΤΑΛΙΑΣ, ΑΧΑΡΝΑΙ, ΕΚ 23671
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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

E-mail: info@dot-media.gr

Τόπος και ημερομηνία έκδοσης

ΑΧΑΡΝΕΣ, 20/11/2025

Υπογραφή

DOTMEDIA ΕΜΠΟΡΙΑ ΑΝΑΛΟΓΙΣΜΩΝ ΕΙΔΩΝ
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Θεόδωρος Μαυροειδής
Τεχνικός Διευθυντής



SKU: BCS-02

Type: CCD

Barcode Scanner

User Manual

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Restore Defaults

Trigger Mode



Keys Trigger(*default)



Continuous Mode



Auto-sense

Buzzer Setup



Volume-ON*



Volume-OFF

End Mark



CR



None



TAB



LF+CR

Capital & Lowercase Setup



Swap Capital/Lowercase



No Swap*



All Capital



All Lowercase

Reverse Code Reading(black background)



White in black background-ON



White in black background-OFF*

UPCA



UPCA-ON



UPCA-OFF



UPCA Check Digit-ON



UPCA Check Digit-OFF



UPCA System Digit-ON



UPCA System Digit-OFF



UPCA to EAN13 -ON



UPCA to EAN13 -OFF

UPCE



UPCE-ON



UPCE-OFF



UPCE Check Digit-ON



UPCE Check Digit-OFF



UPCE System Digit-ON



UPCE System Digit-OFF



UPCE to UPCA-OFF



UPCE to UPCA-ON

EAN8



EAN8-ON



EAN8-OFF



EAN8 Check Digit-ON



EAN8 Check Digit-OFF



EAN8 System Digit-ON



EAN8 System Digit-OFF

EAN13



EAN13-ON*



EAN13-OFF



EAN13 Check Digit-ON*



EAN13 Check Digit-OFF

ISBN



EAN13 to ISBN-ON*



EAN13 to ISBN-OFF

ISSN



EAN13 to ISSN-ON*



EAN13 to ISSN-OFF

UPC/EAN Extra Code



2 Extra Code



5 Extra Code

 2 or 5 Extra Code	 Extra Code-OFF
CODE 39	
 CODE39-ON*	 CODE39-OFF
 Output Start&End Digit-ON	 Output Start&End Digit-OFF
 Full ASCII-OFF	 Full ASCII-ON
CODE 32	
 CODE32-ON	 CODE32-OFF*
CODE 128	
 CODE128-ON*	 CODE128-OFF
CODE 93	
 CODE93-ON*	 CODE93-OFF
 Transmit Check Character After Verification	 Do Not Transmit Check Character After Verification
CODE 11	
 CODE11-ON	 CODE11-OFF

CODABAR



CODABAR-ON*



CODABAR-OFF



Output Start&End Digit-On



Output Start&End Digit-OFF

Industrial 2 of 5



Industrial 2 of 5-ON*



Industrial 2 of 5-OFF

Interleaved 2 of 5



Interleaved 2 of 5-ON



Interleaved 2 of 5-OFF

MSI



MSI-ON



MSI-OFF*

GS1 Omnidirectional



GS1 Omnidirectional-ON



GS1 Omnidirectional-OFF

GS1 Limited



GS1 Limited-ON



GS1 Limited-OFF

Language Setup

 UNITED STATES(English)	 Other Languages
 NETHERLANDS (Dutch)	 SPAIN (Spanish-International)
 Switzerland (Finland)	 BRAZIL (Portuguese)
 DENMARK (Danish)	 UNITED KINGDOM (English)
 ITALY (Italian 142)	 FRANCE (French)
 GERMANY (German)	 CANADA (French)
 SWEDEN, FINLAND (Swedish, Finnish)	 SLOVAKIA (Slovak)
 PORTUGAL (Portuguese)	 CZECH REPUBLIC (Czech)
 BELGIUM (French,Dutch)	 SWITZERLAND (German, French)

 TURKISH-Q	 TURKISH-F
 POLAND (Polish 214)	 CROATIA (Croatian)
 HUNGARY (Hungarian)	 JAPAN (Japanese)
Interface setup	
 HID-KBW	 USB COM
 TTL 232-9600, NO, 8, 1 -Default	

Add Prefix/Suffix



Add Prefix



Add Suffix



Save settings

E.g. If you want to add X and Y before the barcode, Please scan the following code in order:

"Add Prefix "→Barcode Table"X"→Barcode Table"Y"→"Save settings"

Hide characters



Hide the front 1 character



Hide the behind 1 character



Hide the front 2 character



Hide the behind 2 character



Hide the front 3 character



Hide the behind 3 character



Hide the front 5 character



Hide the behind 5 character

Barcode Table



C01

SOH (01)



C04

EOT (04)



C07

BEL (07)



C0A

LF (0A)



C0D

CR (0D)



C10

DEL (10)



C13

DC3 (13)



C16



C02

STX (02)



C05

ENQ (05)



C08

Backspace

(08)



C0B

VT (0B)



C0E

SO (0E)



C11

DC1 (11)



C14

DC4 (14)



C17



C03

ETX (03)



C06

ACK (06)



C09

HT (09)



C0C

FF (0C)



C0F

SI (0F)



C12

DC2 (12)



C15

NAK (15)



C18

SYN (16)

ETB (17)

CAN (18)



C19

EM (19)



C1C

FS (1C)



C1F

US (1F)



\$C22

" (22)



C25

% (25)



C28

((28)



C2B

+ (2B)



C2E



C1A

SUB (1A)



C1D

GS (1D)



C20

Space (20)



C23

(23)



C26

& (26)



C29

) (29)



C2C

, (2C)



C2F



C1B

ESC (1B)



C1E

RS (1E)



C21

! (21)



C24

\$ (24)



C27

' (27)



C2A

* (2A)



C2D

- (2D)



C30

. (2E)

/ (2F)

0 (30)



C31

1 (31)



C34

4 (34)



C37

7 (37)



C3A

: (3A)



C3D

= (3D)



C40

@ (40)



C43

C (43)



C46

F (46)



C32

2 (32)



C35

5 (35)



C38

8 (38)



C3B

; (3B)



C3E

> (3E)



C41

A (41)



C44

D (44)



C47

G (47)



C33

3 (33)



C36

6 (36)



C39

9 (39)



C3C

< (3C)



C3F

? (3F)



C42

B (42)



C45

E (45)



C48

H (48)



C49

I (49)



C4C

L (4C)



C4F

O (4F)



C52

R (52)



C55

U (55)



C58

X (58)



C5B

[(5B)



C5E



C4A

J (4A)



C4D

M (4D)



C50

P (50)



C53

S (53)



C56

V (56)



C59

Y (59)



C5C

\ (5C)



C5F



C4B

K (4B)



C4E

N (4E)



C51

Q (51)



C54

T (54)



C57

W (57)



C5A

Z (5A)



C5D

] (5D)



C60

^ (5E)

_ (5F)

` (60)



C61

a (61)



C64

d (64)



C67

g (67)



C6A

j (6A)



C6D

m (6D)



C70

p (70)



C73

s (73)



C62

b (62)



C65

e (65)



C68

h (68)



C6B

k (6B)



C6E

n (6E)



C71

q (71)



C74

t (74)



C63

c (63)



C66

f (66)



C69

i (69)



C6C

l (6C)



C6F

o (6F)



C72

r (72)



C75

u (75)



C76

v (76)



C79

y (79)



C77

w (77)



C7A

z (7A)



C78

x (78)



C7B

{ (7B)



C7C

| (7C)



C7F

Delete (7F)



C82

F3



C85

F6



C88

F9



C8B

F12



C8E



C7D

} (7D)



C80

F1



C83

F4



C86

F7



C89

F10



C8C

Insert



C90



C7E

~ (7E)



C81

F2



C84

F5



C87

F8



C8A

F11

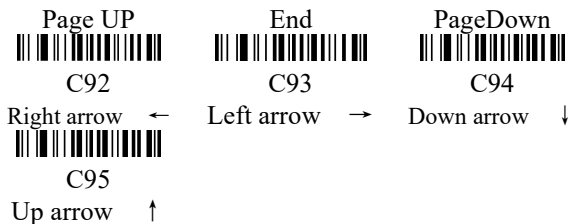


C8D

Home



C91



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-02

Producer: Dotmedia ltd

Address: Katevasias & Ntalias 18 Axarnai, Greece

Declaration for EU Hereby, Dotmedia ltd declares that the radio equipment type BCS-02 is in compliance with Directive 2014/30/EU, the full text of the EU declaration of conformity is available at the following internet address: <https://www.dot-media.gr/el/>



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Made in P.R.C