WB1F Fix Linear CCD Scanner

Menu Sheet

B-1782(2)

IDEC CORPORATION

Introduction

This document is collection of labels for setting the WB1F.
The setting values can be configured with reading labels.
For details, refer to Configuration item table in the Fix Linear CCD scanner WB1F User's Manual (B-1775).

Attention

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- The content of this manual may change without prior notification.
- We have taken all possible measures with the content of this product, but if you noticeany portions that are unclear, or any mistakes, please contact the dealer where purchased or an IDEC sales representative.
- Please note that IDEC can not guarantee the performance of the WB1F which is configured with this document.

Note for printing

Make the print quality of labels be fine if you use the labels printed.
If the print quality of labels is not enough to read, it may not be able to read labels or it may erroneously read them.

Related manuals

Manuals related to the WB1F are as follows. Please refer to them together with manual.

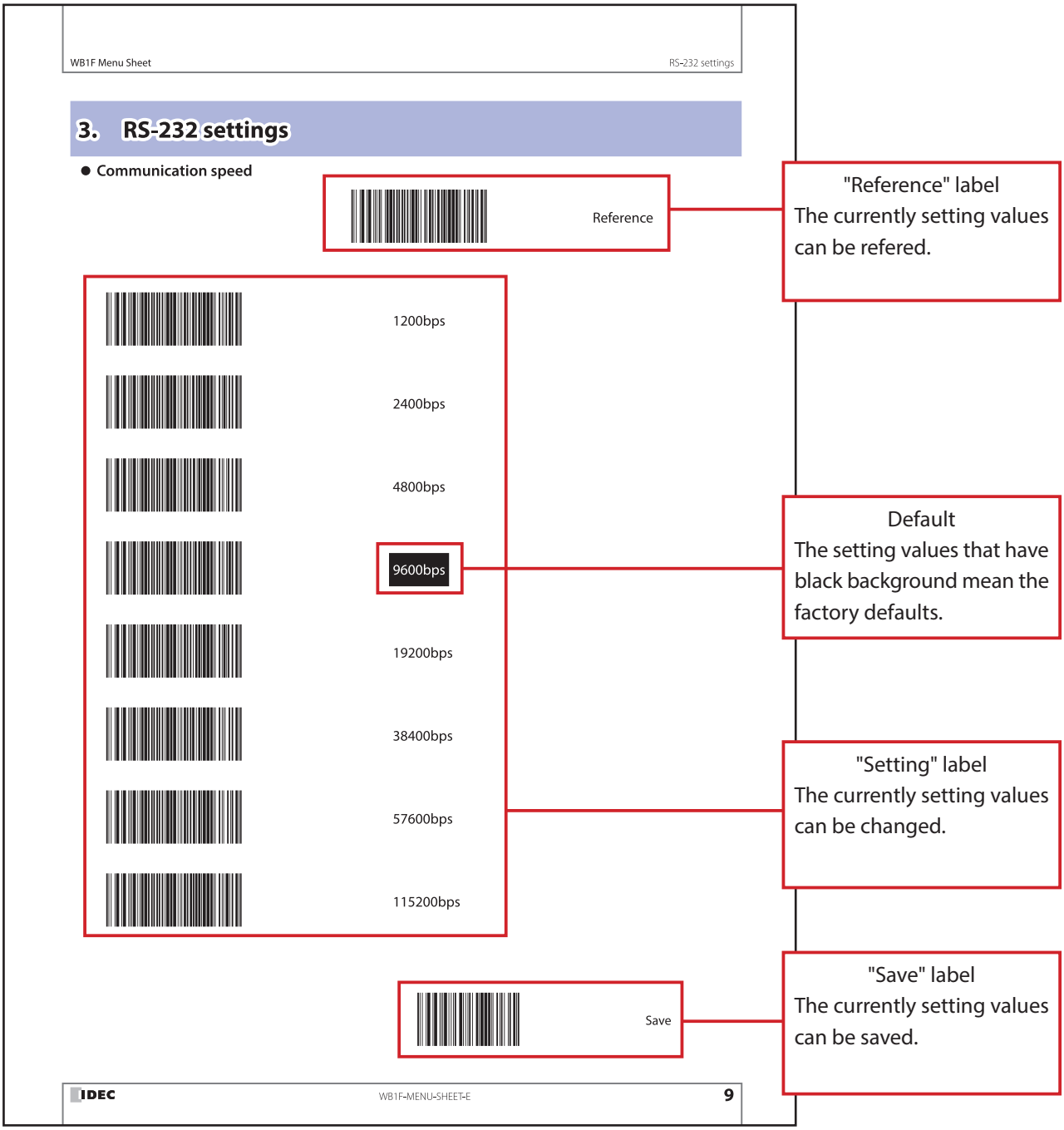
Type	Manual name	Details
B-1782	WB1F Fix Linear CCD Scanner Menu Sheet (this manual)	Explains about menu sheet.
B-1741	Instruction Sheet WB1F series	Included with the product.
B-1768	WB1F Fix Linear CCD Scanner Support Tool User's Manual	Included with the support tool. Explains about support tool.
B-1775	WB1F Fix Linear CCD Scanner User's Menu	Explains an overview and functions of the WB1F, plus basic operating methods.

Contents

About document

This document is collection of labels for setting the WB1F.
You can change, save, and refer to the setting values by reading labels.
There are three kinds of labels. One is "Setting", another is "Save", the other is "Reference".

(e.g.)



- You can use this menu sheet easily without anything special.
- Install the WB1F and the label in the optimal reading position, according to read labels properly.
  For details of installation, refer to "Field of view/characteristics" of the Fix Linear CCD scannerWB1F User's Manual (B-1775).
- Reading is performed once for one reading request.
- Label reading will be stopped when reading succeeded once in "Multiple label read".

Setting method

[Basic]

● Changing setting values

The setting values can be changed by reading the "Setting" label.
You can start reading by the operation button, the control command or the external trigger input (RS-232 type only).

● Saving setting values

The setting values can be saved by reading the "Save" label. If you turn off (including reset) the WB1F or switch mode without reading the "Save" label, the changed setting values will not be applied.

● Reference of setting values

The setting values can be output by reading "Reference" label in each clause.
You can confirm the output data.

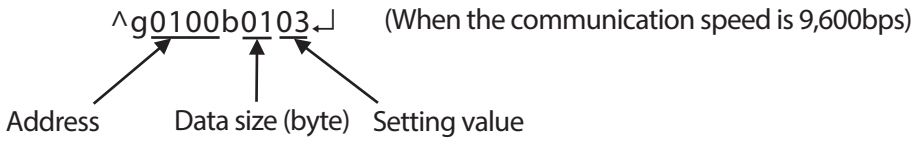
• Output data format for reading the "Reference" labels.

^gaaaabnnhh····↵

^g : Fixed character
aaaa : Address
b : Fixed character
nn : Data size (byte)
hh : Setting value
↵ : [CR (0x0d)]+[LF (0x0a)]
*All figures are the notation for the hexadecimal number.

(e.g.) Output data by reading the "Reference" label in communication speed of RS-232 settings on page 9.

The setting value of communication speed in Address 0100H can be output by reading the label.
Output data is as follows.



● Initialize and mode swithing

• Initialize

The WB1F setting values will be initialized to the factory defaults by reading "Initialize" label on page 8 in maintenance mode.

• Mode swithing

[Maintenance mode]

The WB1F will switch to maintenance mode by reading "Maintenance mode" label on page 8.

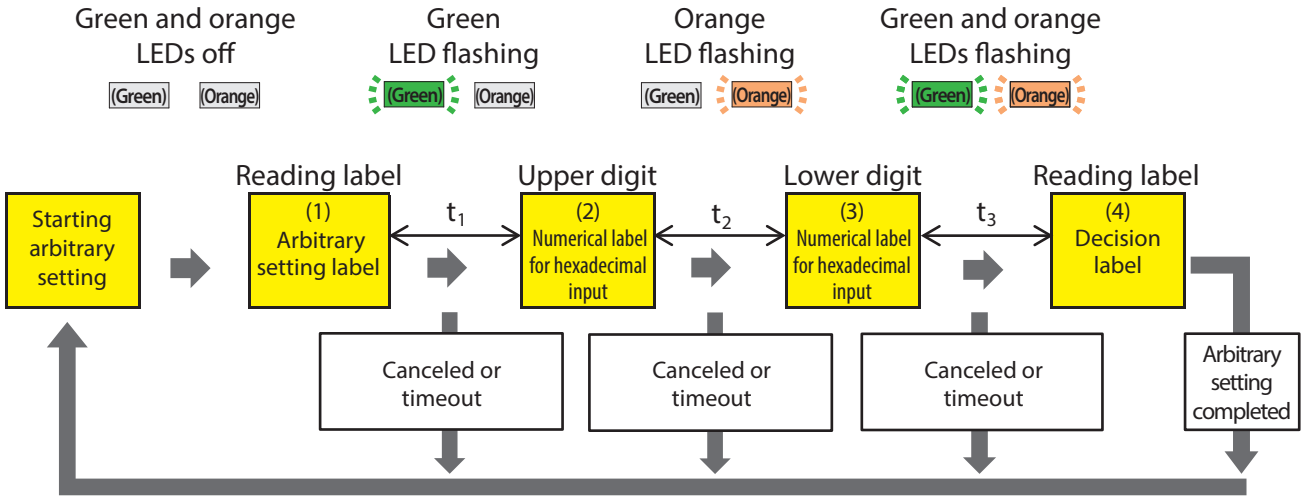
[Slave mode]

The WB1F will switch to slave mode by reading "Slave mode" label on page 8.

[Advanced]

● Changing the setting values

If you use setting values other than in this menu sheet, you can flexibly change the setting values by reading "Arbitrary settting" label on page 250.



(1) Read the "Arbitrary setting" label
--> The indicator LED (green) will flash.

(2) Read the numerical label for hexadecimal input as upper digit.
--> The indicator LED (orange) will flash. And The indicator LED (green) will turn off.

(3) Read the numerical label for hexadecimal input as lower digit.
--> The indicator LEDs (green and orange) will flash.

(4) Read the decision label for completing.
--> The indicator LEDs (green and orange) will off.

* Read labels as t1, t2 and t3 is within 10s each. If t1, t2 or t3 is over 10s, the changing setting values will be canceled by timeout. And then, the status will go back to starting arbitrary setting.

* If you read the "Cancel label" between "(1) Arbitrary setting" label reading to "(4) Decision label" reading, the changing setting values will be canceled.
And then, the status will go back to "Starting arbitrary setting".

(e.g.) The setting value of OK output duration on page 13 can be changed to 1,500ms.

(1) Read the "Arbitrary setting" label.

(2) Read the "9" label in the hexadecimal input.

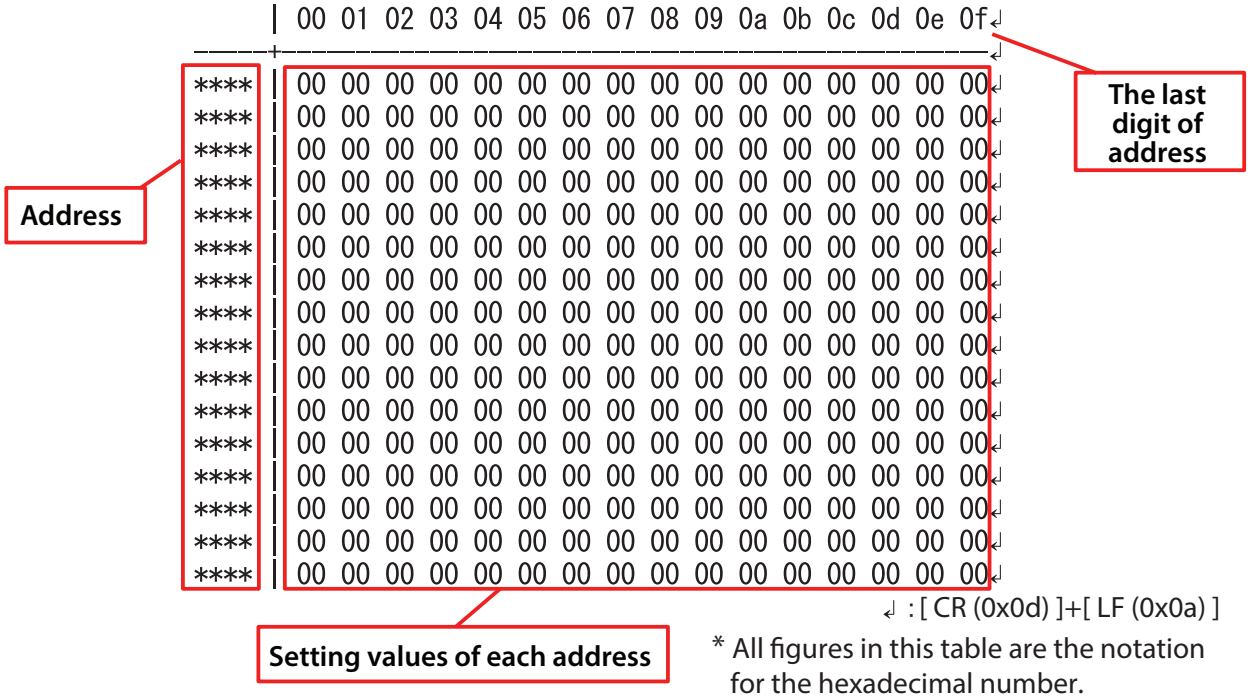
(3) Read the "6" label in the hexadecimal input.

(4) Read the "decision" label in the hexadecimal input.

● Reference of setting values

The setting values from the designated address can be collectively output by reading the "Setting Status Collective Output" label on page 8.

• Output data format for reading the "Setting Status Collectively Output" label.



(e.g.) The output data at reading the "Address 0100H to 01FFH" label

The setting values in address 0100H to 01FFH can be collectively output after reading the label. Output data is as follows.

* All figures in this table are the factory defaults.

You can refer the setting values in this output data.

E.g. The setting value is "03" in address 0100H. The setting value is "32" in address 0145H.

1. Initialize and mode swithing

"Initialize"
The WB1F setting values will be initialized to the factory defaults.
* If this label is read in maintenance mode, the WB1F settings will be initialized to the factory defaults.

"Maintenance mode"
The WB1F will switch to maintenance mode.
* The indicator LEDs (red/orange/green) will all flash (2 seconds on, 2 seconds off) when switching to maintenance mode.

"Slave mode"
The WB1F will switch to slave mode.
* The indicator LEDs (red/orange/green) will turn off when switching to slave mode.

2. Setting status collectively output

The current settings are collectively output for each function.

Address 0100H to 01FFH
Interface, input-output relation

Address 0200H to 02FFH
Barcode reading
Output data additional information 1

Address 0300H to 03FFH
Output data additional information 2

Address 0400H to 04FFH
Output data additional information 3
Comparison-Matching 1

Address 0500H to 05FFH
Comparison-Matching 2, Command alias

Address 0900H to 09FFH
Decoder settings 1

Address 0A00H to 0AFFH
Decoder settings 2

3. RS-232 settings

● Communication speed

Reference

600bps

1,200bps

2,400bps

4,800bps

9,600bps

19,200bps

38,400bps

57,600bps

115,200bps

Save

● Data length

Reference

7bit

8bit

● Parity

Reference

NONE

EVEN

ODD

Save

● Stop bits

Reference

1bit

2bit

● Flow control

Reference

None

CTS/RTS

Save

4. OK/NG output settings

● OK output / reading linked control

Reference

Disabled

Enabled

● OK output polarity

Reference

OFF

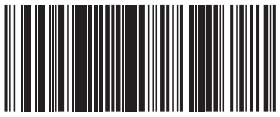
ON

Save

● OK output duration

Reference

Infinity



100ms

500ms

1,000ms

2,000ms

Arbitrary settings
Read the "Hexadecimal input" label of clause 16 after reading this label.

Save

● NG output / reading linked control

Reference

Disabled

Enabled

● NG output polarity

Reference

OFF

On

Save

● NG output duration

Reference

Infinity

100ms

500ms

1,000ms

2,000ms

Arbitrary settings
Read the "Hexadecimal input" label of clause 16 after reading this label.

Save

5. External trigger input settings

● Reading start with External trigger input

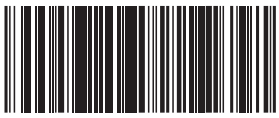
Reference

Disabled

Enabled

● External trigger input active level

Reference



High

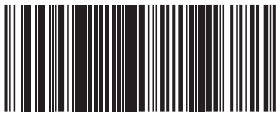
Low

Save

● External Trigger input filter time

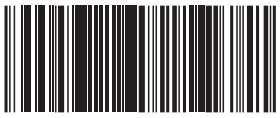
Reference

1ms

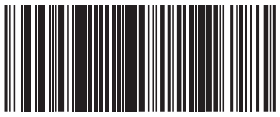


2ms

4ms



8ms



16ms

32ms

* Start reading barcode by turning external trigger input on for longer than the setting value. To shorten the setting value may affect noise resistance, so fully evaluate this when using product.

Save

6. PWM output settings

● PWM output reading linked control when successful

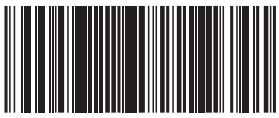
Reference

Disabled

Enabled

● PWM output reading linked control when failed

Reference



Disabled

Enabled

Save

● PWM output frequency when successful

Reference
Low byte

Reference
High byte

2kHz

3kHz

Arbitrary settings(Low byte)
Read the "Hexadecimal input" label
of clause 16 after reading this label.

Arbitrary settings(High byte)
Read the "Hexadecimal input" label
of clause 16 after reading this label.

Save

● PWM output frequency when failed

Reference
Low byte

Reference
High byte

500Hz

1kHz

Arbitrary settings(Low byte)
Read the "Hexadecimal input" label
of clause 16 after reading this label.

Arbitrary settings(High byte)
Read the "Hexadecimal input" label
of clause 16 after reading this label.

Save

● PWM output duration when successful

Reference

Infinity

200ms

300ms

400ms

500ms

Arbitrary settings
Read the "Hexadecimal input" label of clause 16 after reading this label.

Save

● PWM output duration when failed

Reference

Infinity

200ms

300ms

400ms

500ms

Arbitrary settings
Read the "Hexadecimal input" label of clause 16 after reading this label.

Save

● PWM output duty when successful

Reference

25%

50%

75%

Arbitrary settings
Read the "Hexadecimal input" label of clause 16 after reading this label.

Save

● PWM output duty when failed

Reference

25%

50%

75%

Arbitrary settings
Read the "Hexadecimal input" label of clause 16 after reading this label.

Save

7. Indicator LED settings

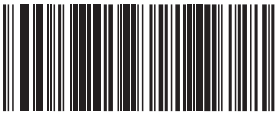
● Indicator LED(green) reding linked control

Reference

Disabled

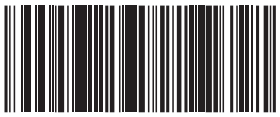
Enabled

● Indicator LED(green) illumination pattern



Reference

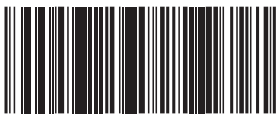
Off



On

Flashing(high speed)

Flashing(medium speed)



Flashing(low speed)

Save

● Indicator LED(green) illumination time

Reference

Infinity

200ms

300ms

400ms

500ms

Arbitrary settings
Read the "Hexadecimal input" label of clause 16 after reading this label.

Save

● Indicator LED(red) reding linked control

Reference

Disabled

Enabled

● Indicator LED(red) illumination pattern

Reference

Off

On

Flashing(high speed)

Flashing(medium speed)

Flashing(low speed)

Save

● Indicator LED(red) illumination time

Reference

Infinity

200ms

300ms

400ms

500ms

Arbitrary settings
Read the "Hexadecimal input" label of clause 16 after reading this label.

Save

● Indicator LED(orange) reding linked control

Reference

Disabled

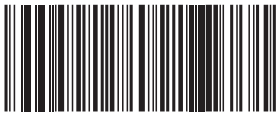
Enabled

● Indicator LED(orange) illumination pattern

Reference

Off

On



Flashing(high speed)

Flashing(medium speed)

Flashing(low speed)

Save

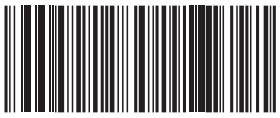
● Indicator LED(orange) illumination time

Reference

Infinity

200ms

300ms



400ms

500ms

Arbitrary settings
Read the "Hexadecimal input" label of clause 16 after reading this label.

Save

8. Operation button settings

● Reading start with Operation button

Reference

Disabled

Enabled

Save

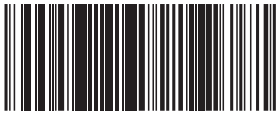
9. Barcode reading

● Reading operation selection

Reference

Single label read

Multiple label read sequential output



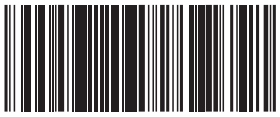
Multiple label read collectively output

Save

● Reading timeout time

Reference

Infinity



1s

2s

3s

4s

5s

Arbitrary settings
Read the "Hexadecimal input" label of clause 16 after reading this label.

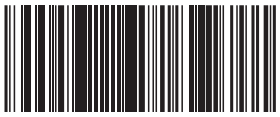
Save

● Prevention time of same read

Reference

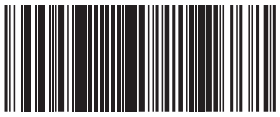
1s

2s



3s

4s



5s

Arbitrary settings
Read the "Hexadecimal input" label of clause 16 after reading this label.

Save

● Verification count

Reference

Once

Twice

3 times

4 times

5 times

Arbitrary settings
Read the "Hexadecimal input" label
of clause 16 after reading this label.

* Increasing the verification count can reduce erroneous reads, but the response speed will also decrease.

Save

● Reading start when power on

Reference

Disabled

Enabled

Save

10. Output data additional information

● Global prefix addition

Reference

Disabled

Enabled

● Global suffix addition

Reference

Disabled

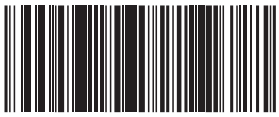
Enabled

Save

● Local prefix addition

Reference

Disabled

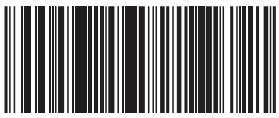


Enabled

● Local suffix addition

Reference

Disabled



Enabled

Save

● Data size addition

Reference

Disabled

Enabled

● Elapsed time addition

Reference

Disabled

Enabled

Save

● AIM ID addition

Reference

Disabled

Enabled

● Label direction addition

Reference

Disabled

Enabled

Save

● Code length addition

Reference

Disabled

Enabled

● Check digit addition

Reference

Disabled

Enabled

Save

● Label option addition

Reference

Disabled

Enabled

● Collectively output separator specification

Reference

Disabled

Enabled

Save

● Output addition when reading failed

Reference

Disabled

Enabled

● No response when reding failed

Reference

Disabled

Enabled

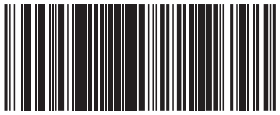
Save

● Output string data when reading failed

Reference
8 characters

?

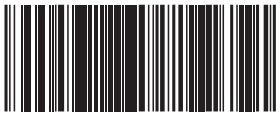
?



NUL(00H) (Terminator)

NR

N



R

NUL(00H) (Terminator)

Save

● Output string data when reading failed

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

5th character

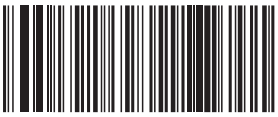
6th character

7th character

8th character

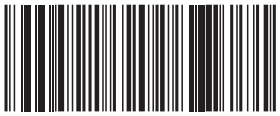
Save

● Global suffix data



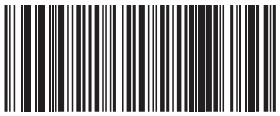
Reference
8 characters

Default



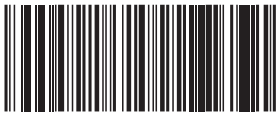
^

Other



SOH(01H)

STX(02H)



NUL(00H) (Terminator)

Save

● Global prefix data

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

5th character

6th character

7th character

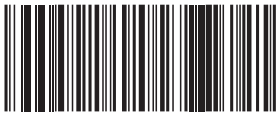
8th character

Save

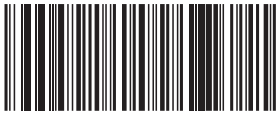
● Global suffix data

Reference
8 characters

Default



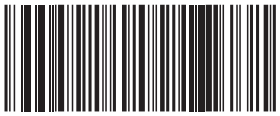
CR



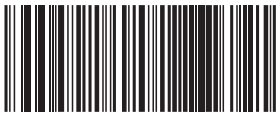
LF

3rd character
NUL(00H) (Terminator)

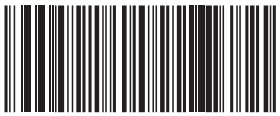
Other



ETX



ETB



2nd character
NUL(00H) (Terminator)

Save

● Global suffix data

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

5th character

6th character

7th character

8th character

Save

● Local prefix data reading failure

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local prefix data Code39

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local Prefix data Codabar(NW7)

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local prefix data Interleaved 2of5

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local prefix data Standard 2of5

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local prefix Matrix 2of5

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local prefix data IATA 2of5

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local prefix data Coop 2of5

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local prefix data Scode

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local prefix data Chinese Post Matrix

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local prefix data UPC-A

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local prefix data UPC-E0

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local prefix data UPC-E1

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local prefix data EAN-13

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local prefix data EAN-8

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local prefix data Code 128

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

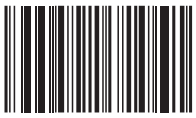
● Local prefix data GS1-128

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character



2nd character

3rd character

4th character

Save

● Local prefix data Code 93

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local prefix data MSI/Plessey

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

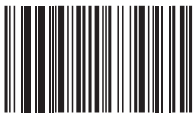
● Local prefix data Italian Pharmacy(Code32)

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character



2nd character

3rd character

4th character

Save

● Local prefix data CIP39

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local prefix data Tri-Optic

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local prefix data TELEPEN

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local prefix data Code 11

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local prefix data GS1 Databar Expanded

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local prefix data GS1 Databar Limited

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local prefix data GS1 Databar Omni-Directional

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local suffix data reading failure

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local suffix data Code39

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local suffix data Codabar(NW7)

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local suffix data Interleaved 2of5

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local suffix data Standard 2of5

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local suffix data Matrix 2of5

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local suffix data IATA 2of5

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local suffix data Coop 2of5

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local suffix data Scode

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local suffix data Chinese Post Matrix

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local suffix data UPC-A

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local suffix data UPC-E0

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local suffix data UPC-E1

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local suffix data EAN-13

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local suffix data EAN-8

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local suffix data Code 128

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local suffix data GS1-128

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local suffix data Code93

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local suffix data MSI/Plessey

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local suffix data Italian Pharmacy(Code32)

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local suffix data CIP39

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local suffix data Tri-Optic

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local suffix data TELEPEN

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local suffix data Code11

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local suffix data GS1 Databar Expanded

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local suffix data GS1 Databar Limited

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Local suffix data GS1 Databar Omni-directional

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Collectively output separator data

Reference
4 characters

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

5th character

2nd character

6th character

3rd character

7th character

4th character

8th character

Save

11. Output data editing

● Function enabled

Reference

Disabled

Enabled

● Extraction start position

Reference
4 datas

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

Extraction start position [0]

Extraction start position [1]

Extraction start position [2]

Extraction start position [3]

Save

● Number of characters for extraction

Reference
4 datas

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

Number of characters for extraction[0]

Number of characters for extraction[1]

Number of characters for extraction[2]

Number of characters for extraction[3]

● Replacement character code

Reference

Replacement character code

Save

12. Comparison-Matching

● Function enabled

Reference

Disabled

Enabled

● Number of area partitions

Reference

4 partitions

8 partitions

16 partitions

32 partitions

64 partitions

Save

● Reference data 1

Read the "Hexadecimal input" label of clause 16 after reading arbitrary setting label.

Reference 16 datas

Arbitrary settings

0

8

1

9

2

A

3

B

4

C

5

D

6

E

7

F

Save

● Reference data 2

Read the "Hexadecimal input" label of clause 16 after reading arbitrary setting label.

Reference 16 datas

Arbitrary settings

10

18

11

19

12

1A

13

1B

14

1C

15

1D

16

1E

17

1F

Save

● Reference data 3

Read the "Hexadecimal input" label of clause 16 after reading arbitrary setting label.

Reference 16 datas

Arbitrary settings

20

28

21

29

22

2A

23

2B

24

2C

25

2D

26

2E

27

2F

Save

● Reference data 4

Read the "Hexadecimal input" label of clause 16 after reading arbitrary setting label.

Reference 16 datas

Arbitrary settings

30

38

31

39

32

3A

33

3B

34

3C

35

3D

36

3E

37

3F

Save

● Reference data 5

Read the "Hexadecimal input" label of clause 16 after reading arbitrary setting label.

Reference 16 datas

Arbitrary settings

40

48

41

49

42

4A

43

4B

44

4C

45

4D

46

4E

47

4F

Save

● Reference data 6

Read the "Hexadecimal input" label of clause 16 after reading arbitrary setting label.

Reference 16 datas

Arbitrary settings

50

58

51

59

52

5A

53

5B

54

5C

55

5D

56

5E

57

5F

Save

● Reference data 7

Read the "Hexadecimal input" label of clause 16 after reading arbitrary setting label.

Reference 16 datas

Arbitrary settings

60

68

61

69

62

6A

63

6B

64

6C

65

6D

66

6E

67

6F

Save

● Reference data 8

Read the "Hexadecimal input" label of clause 16 after reading arbitrary setting label.

Reference 16 datas

Arbitrary settings

70

78

71

79

72

7A

73

7B

74

7C

75

7D

76

7E

77

7F

Save

● Reference data 9

Read the "Hexadecimal input" label of clause 16 after reading arbitrary setting label.

Reference 16 datas

Arbitrary settings

80

88

81

89

82

8A

83

8B

84

8C

85

8D

86

8E

87

8F

Save

● Reference data 10

Read the "Hexadecimal input" label of clause 16 after reading arbitrary setting label.

Reference 16 datas

Arbitrary settings

90

98

91

99

92

9A

93

9B

94

9C

95

9D

96

9E

97

9F

Save

● Reference data 11

Read the "Hexadecimal input" label of clause 16 after reading arbitrary setting label.

Reference 16 datas

Arbitrary settings

A0

A8

A1

A9

A2

AA

A3

AB

A4

AC

A5

AD

A6

AE

A7

AF

Save

● Reference data 12

Read the "Hexadecimal input" label of clause 16 after reading arbitrary setting label.

Reference 16 datas

Arbitrary settings

B0

B8

B1

B9

B2

BA

B3

BB

B4

BC

B5

BD

B6

BE

B7

BF

Save

● Reference data 13

Read the "Hexadecimal input" label of clause 16 after reading arbitrary setting label.

Reference 16 datas

Arbitrary settings

C0

C8

C1

C9

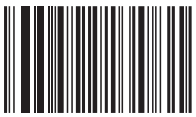
C2

CA

C3

CB

C4

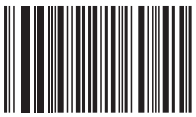


CC

C5

CD

C6



CE

C7

CF

Save

● Reference data 14

Read the "Hexadecimal input" label of clause 16 after reading arbitrary setting label.

Reference 16 datas

Arbitrary settings

D0

D8

D1

D9

D2

DA

D3

DB

D4

DC

D5

DD

D6

DE

D7

DF

Save

● Reference data 15

Read the "Hexadecimal input" label of clause 16 after reading arbitrary setting label.

Reference 16 datas

Arbitrary settings

E0

E8

E1

E9

E2

EA

E3

EB

E4

EC

E5

ED

E6

EE

E7

EF

Save

● Reference data 16

Read the "Hexadecimal input" label of clause 16 after reading arbitrary setting label.

Reference 16 datas

Arbitrary settings

F0

F8

F1

F9

F2

FA

F3

FB

F4

FC

F5

FD

F6

FE

F7

FF

Save

13. Command alias

● **Function enabled**

Reference

Disabled

Enabled

Save

● Start barcode reading command[0]

Read the "Hexadecimal input" label of clause 16 after reading arbitrary setting label.

Reference
16 datas

Arbitrary settings

1

9

2

10

3

11

4

12

5

13

6

14

7

15

8

16

Save

● Start barcode reading command[1]

Read the "Hexadecimal input" label of clause 16 after reading arbitrary setting label.

Reference
16 datas

Arbitrary settings

1

9

2

10

3

11

4

12

5

13

6

14

7

15

8

16

Save

● Start barcode reading command[2]

Read the "Hexadecimal input" label of clause 16 after reading arbitrary setting label.

Reference
16 datas

Arbitrary settings

1

9

2

10

3

11

4

12

5

13

6

14

7

15

8

16

Save

● Start barcode reading command[3]

Read the "Hexadecimal input" label of clause 16 after reading arbitrary setting label.

Reference
16 datas

Arbitrary settings

1

9

2

10

3

11

4

12

5

13

6

14

7

15

8

16

Save

● Stop barcode reading commnad[0]

Read the "Hexadecimal input" label of clause 16 after reading arbitrary setting label.

Reference
16 datas

Arbitrary settings

1

9

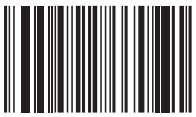
2

10

3

11

4



12

5

13

6

14

7

15

8

16

Save

● Start barcode reading command[1]

Read the "Hexadecimal input" label of clause 16 after reading arbitrary setting label.

Reference
16 datas

Arbitrary settings

1

9

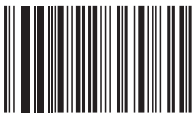
2

10

3

11

4



12

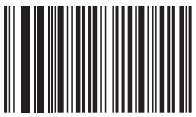
5

13

6

14

7



15

8

16

Save

● Start barcode reading command[2]

Read the "Hexadecimal input" label of clause 16 after reading arbitrary setting label.

Reference
16 datas

Arbitrary settings

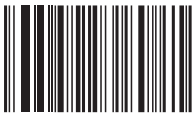
1

9

2

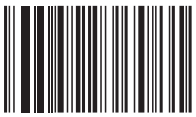
10

3



11

4



12

5

13

6

14

7

15

8

16

Save

● Start barcode reading command[3]

Read the "Hexadecimal input" label of clause 16 after reading arbitrary setting label.

Reference
16 datas

Arbitrary settings

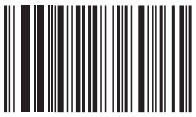
1

9

2

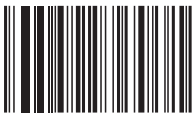
10

3



11

4



12

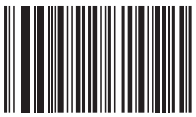
5

13

6

14

7



15

8

16

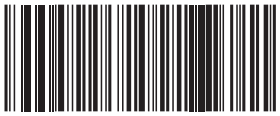
Save

14. Communication command

● Check digit addition

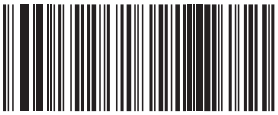
Reference

Disabled



Enabled

● Uppercase response



Reference

Disabled

Enabled

Save

● Prefix

Reference
4 datas

Default

^ (Caret)

2nd character
NUL(00H) (Terminator)

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Suffix

Reference
4 datas

Default

CR

LF

3rd character
NUL(00H) (Terminator)

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

1st character

2nd character

3rd character

4th character

Save

● Get communication settings

Current value
The setting values currently applied can be output.

Memory value
The setting values applied at startup can be output.

● Output format

^03,01,01,00,00/00,00,00,00/5e,00,00,00/0d,0a,00,00

Prefix	Rs-232 settings					Separator
	Communication speed	Data length	Parity	Stop bits	Flow control	
^	03,	01,	01,	00,	00	/

Communication command				Separator
Reserved	Check digit addition	Uppercase response	Reserved	
00,	00,	00,,	00,	/

Communication command				Separator
Prefix	Prefix	Prefix	Prefix	
5E,	00,	00,	00,	/

Communication command				suffix
suffix	suffix	suffix	suffix	
0D,	0A,	00,	00,	CR, LF

15. Decoder settings

15. 1 Common

● Start margin rate

Reference

● Settings

Normal

6/7

5/7

4/7

3/7

2/7

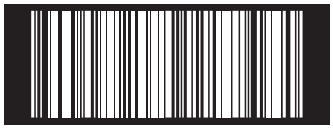
1/7

Save

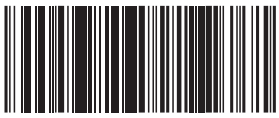
● Normal / reverse barcode reading setting

Reference

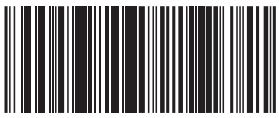
Normal only



Normal only (Reverse barcode)



Reverse only



Both

Save

● All symbology reading allowed / prohibited

All symbology reading prohibited

All symbology reading allowed

Save

15. 2 Code39

● Reading allowed / prohibited

Reference

Reading prohibited

Reading allowed

● Label direction specified reading

Reference

Not specified

Forward only

Reverse only

Save

● Inspection of check digit

Reference

Disabled

Enabled

● Check digit sending

Reference

Not send

Send

Save

● End margin rate

Reference

Normal

6/7

5/7

4/7

3/7

2/7

1/7

Save

● Start / Stop character sending

Reference

Disabled

Enabled

● Full ASCII decode

Reference

Disabled

Enabled

Save

● Fixed length

Reference
Fix length A and B

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

Fix length A

Fix length B

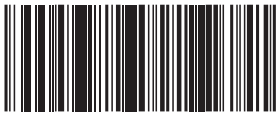
Save

15. 3 Codabar(NW7)

● Reading allowed / prohibited

Reference

Reading prohibited

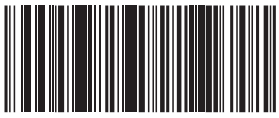


Reading allowed

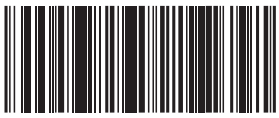
● Label direction specified reading

Reference

Not specified



Forward only



Reverse only

Save

● Inspection of check digit

Reference

Disabled

Enabled

● Check digit sending

Reference

Not send

Send

Save

● End margin rate

Reference

Normal

6/7

5/7

4/7

3/7

2/7

1/7

Save

● Start / Stop character sending

Reference

Disabled

Enabled

● Start / Stop type

Reference

ABCD/ABCD

abcd/abcd

ABCD/TN*E

abcd/tn*e

DC1-4/DC1-4

Save

● Start / Stop identical

Reference

Disabled

Enabled

● CLSI editing

Reference

Disabled

Enabled

Save

● Check digit type selection

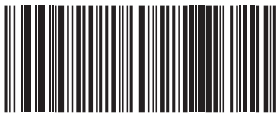
Reference

Modulus 16(AIM compliant)

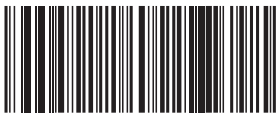
Modulus 11 weight pattern

Modulus 11 weight pattern 2

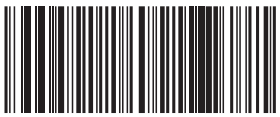
Modulus 10 weight 1, 2



Modulus 10 weight 1, 2 (Luhn)



Modulus 10 weight 3



7 Check

Save

● Fixed length

Reference
Fix length A and B

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

Fix length A

Fix length B

Save

15. 4 Interleaved 2of5

- **Reading allowed / prihibited**

Reference

Reading prohibited

Reading allowed

- **Label direction specified reading**

Reference

Not specified

Forward only

Reverse only

Save

● Inspection of check digit

Reference

Disabled

Enabled

● Check digit sending

Reference

Not send

Send

Save

● End margin rate

Reference

Normal

6/7

5/7

4/7

3/7

2/7

1/7

Save

● Check digit type selection

Reference

USS

OPCC

● EAN-13 conversion

Reference

Disabled

Enabled

Save

● Fixed length

Reference
Fix length A and B

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

Fixed length A

Fixed length B

Save

15. 5 Standard 2of5

- **Reading allowed / prohibited**

Reference

Reading prohibited

Reading allowed

- **Label direction specified reading**

Reference

Not specified

Forward only

Reverse only

Save

● Inspection of check digit

Reference

Disabled

Enabled

● Check digit sending

Reference

Not send

Send

Save

● End margin rate

Reference

Normal

6/7

5/7

4/7

3/7

2/7

1/7

Save

● Inter-character gap check

Reference

Disabled

Enabled

● Fixed length

Reference
Fix length A and B

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

Fixed length A

Fixed length B

Save

15. 6 Matrix 2of5

● Reading allowed / prohibited

Reference

Reading prohibited

Reading allowed

● Label direction specified reading

Reference

Not specified

Forward only

Reverse only

Save

● Inspection of check digit

Reference

Disabled

Enabled

● Check digit sending

Reference

Not send

Send

Save

● End margin rate

Reference

Normal

6/7

5/7

4/7

3/7

2/7

1/7

Save

● Fixed length

Reference
Fix length A and B

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

Fixed length A

Fixed length B

Save

15. 7 IATA 2of5

● Reading allowed / prohibited

Reference

Reading prohibited

Reading allowed

● Label direction specified reading

Reference

Not specified

Forward only

Reverse only

Save

● Inspection of check digit

Reference

Disabled

Enabled

● Check digit sending

Reference

Not send

Send

Save

● End margin rate

Reference

Normal

6/7

5/7

4/7

3/7

2/7

1/7

Save

● Fixed length

Reference
Fix length A and B

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

Fixed length A

Fixed length B

Save

15.8 Coop 2of5

● Reading allowed / prohibited

Reference

Reading prohibited

Reading allowed

● Label direction specified reading

Reference

Not specified

Forward only

Reverse only

Save

● Inspection of check digit

Reference

Disabled

Enabled

● Check digit sending

Reference

Not send

Send

Save

● End margin rate

Reference

Normal

6/7

5/7

4/7

3/7

2/7

1/7

Save

● Fixed length

Reference
Fix length A and B

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

Fixed length A

Fixed length B

Save

15. 9 Scode

● Reading allowed / prohibited

Reference

Reading prohibited

Reading allowed

● Label direction specified reading

Reference

Not specified

Forward only

Reverse only

Save

● Inspection of check digit

Reference

Disabled

Enabled

● Check digit sending

Reference

Not send

Send

Save

● End margin rate

Reference

Normal

6/7

5/7

4/7

3/7

2/7

1/7

Save

● Interleaved 2of5 format conversion

Reference

Disabled

Enabled

● Fixed length

Reference
Fix length A and B

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

Fixed length A

Fixed length B

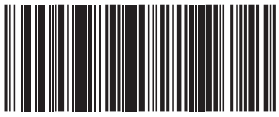
Save

15. 10 Chinese Post Matrix

● Reading allowed / prohibited

Reference

Reading prohibited



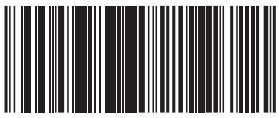
Reading allowed

● Label direction specified reading

Reference

Not specified

Forward only



Reverse only

Save

● Inspection of check digit

Reference

Disabled

Enabled

● Check digit sending

Reference

Not send

Send

Save

● End margin rate

Reference

Normal

6/7

5/7

4/7

3/7

2/7

1/7

Save

● Fixed length

Reference
Fix length A and B

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

Fixed length A

Fixed length B

Save

15. 11 UPC-A

● Reading allowed / prohibited

Reference

Reading prohibited

Reading allowed

● Label direction specified reading

Reference

Not specified

Forward only

Reverse only

Save

● Inspection of check digit

Reference

Disabled

Enabled

● Check digit sending

Reference

Not send

Send

Save

● End margin rate

Reference

Normal

6/7

5/7

4/7

3/7

2/7

1/7

Save

● Reading with supplement

Reference

Prohibited

2digits only

5 digits only

2 digits / 5 digits

● Number system characters

Reference

Not send

Send

Save

● EAN-13 conversion

Reference

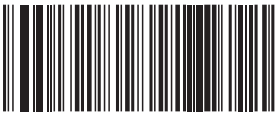
Disabled

Enabled

Save

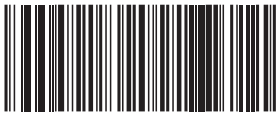
15. 12 UPC-E0

● Reading allowed / prohibited



Reference

Reading prohibited



Reading allowed

● Label direction specified reading

Reference

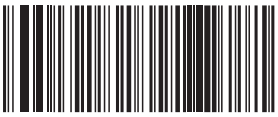
Not specified

Forward only

Reverse only

Save

● Inspection of check digit



Reference

Disabled

Enabled

● Check digit sending

Reference

Not send

Send

Save

● End margin rate

Reference

Normal

6/7

5/7

4/7

3/7

2/7

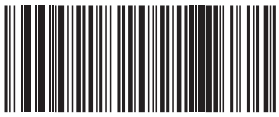
1/7

Save

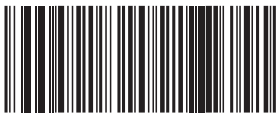
● Reading with supplement

Reference

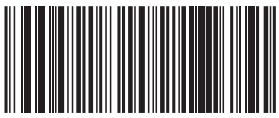
Prohibited



2digits only



5 digits only



2 digits / 5 digits

● Number system characters

Reference

Not send

Send

Save

● EAN-13 conversion

Reference

Disabled

Enabled

Save

● UPC-A conversion

Reference

Disabled

Enabled

Save

15. 13 UPC-E1

● Reading allowed / prohibited

Reference

Reading prohibited

Reading allowed

● Label direction specified reading

Reference

Not specified

Forward only

Reverse only

Save

● Inspection of check digit

Reference

Disabled

Enabled

● Check digit sending

Reference

Not send

Send

Save

● Reading with supplement

Reference

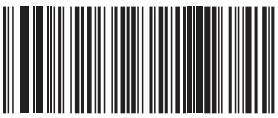
Prohibited

2digits only

5 digits only

2 digits / 5 digits

● Number system characters



Reference

Not send

Send

Save

● EAN-13 conversion

Reference

Disabled

Enabled

Save

● UPC-A conversion

Reference

Disabled

Enabled

Save

15. 14 EAN-13

● Reading allowed / prohibited

Reference

Reading prohibited

Reading allowed

● Label direction specified reading

Reference

Not specified

Forward only

Reverse only

Save

● Inspection of check digit

Reference

Disabled

Enabled

● Check digit sending

Reference

Not send

Send

Save

● End margin rate

Reference

Normal

6/7

5/7

4/7

3/7

2/7

1/7

Save

● Reading with supplement

Reference

Prohibited

2digits only

5 digits only

2 digits / 5 digits

Save

● Active supplement / Japan 491:(periodical code)

Reference

Disabled

Enabled

● Active supplement / ISSN 977

Reference

Disabled

Enabled

Save

● Active supplement / bookland 978,979

Reference

Disabled

Enabled

● Active supplement / France 378/379

Reference

Disabled

Enabled

Save

● Active supplement / Germany 414,419,434,439

Reference

Disabled

Enabled

● ISBN option

Reference

Disabled

Enabled

Save

● ISSN option

Reference

Disabled

Enabled

● ISMN option

Reference

Disabled

Enabled

Save

15. 15 EAN-8

● Reading allowed / prohibited

Reference

Reading prohibited

Reading allowed

● Label direction specified reading

Reference

Not specified

Forward only

Reverse only

Save

● Inspection of check digit

Reference

Disabled

Enabled

● Check digit sending

Reference

Not send

Send

Save

● End margin rate

Reference

Normal

6/7

5/7

4/7

3/7

2/7

1/7

Save

● Reading with supplement

Reference

Prohibited

2digits only

5 digits only

2 digits / 5 digits

Save

● EAN-13 conversion

Reference

Disabled

Enabled

Save

15. 16 Code128

● Reading allowed / prohibited

Reference

Reading prohibited

Reading allowed

● Label direction specified reading

Reference

Not specified

Forward only

Reverse only

Save

● Inspection of check digit

Reference

Disabled

Enabled

Save

● End margin rate

Reference

Normal

6/7

5/7

4/7

3/7

2/7

1/7

Save

● Fixed length

Reference
Fix length A and B

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

Fixed length A

Fixed length B

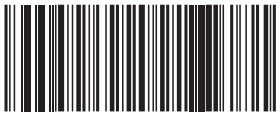
Save

15. 17 GS1-128

● Reading allowed / prohibited

Reference

Reading prohibited



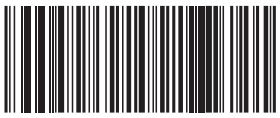
Reading allowed

● Label direction specified reading

Reference

Not specified

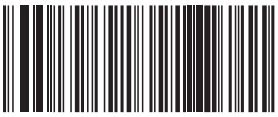
Forward only



Reverse only

Save

● Output mode



Reference

Normal

AI recognition mode

● FN1/GS conversion

Reference

Disabled

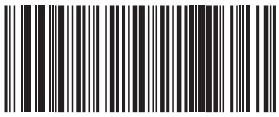
Enabled

Save

● AI output

Reference

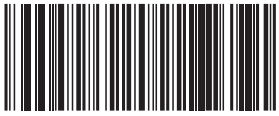
Disabled



Enabled (AI recognition mode)

● AI parenthesis additional output

Reference



Disabled

Enabled (AI recognition mode)

Save

● Date data zero suppression

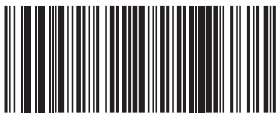
Reference

Disabled

Enabled (AI recognition mode)

● Decimal point insertion

Reference



Disabled

Enabled (AI recognition mode)

Save

● Fixed length

Reference
Fix length A and B

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

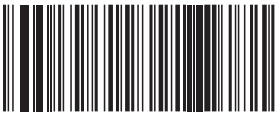
Fixed length A

Fixed length B

Save

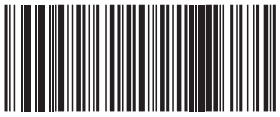
15. 18 Code93

● Reading allowed / prohibited



Reference

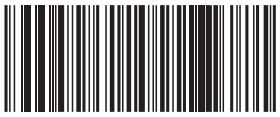
Reading prohibited



Reading allowed

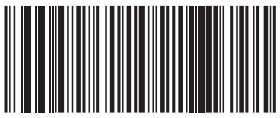
● Label direction specified reading

Reference



Not specified

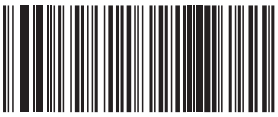
Forward only



Reverse only

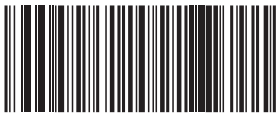
Save

● Inspection of check digit



Reference

Disabled



Enabled

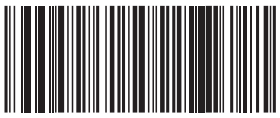
Save

● End margin rate

Reference

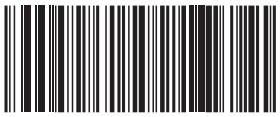
Normal

6/7



5/7

4/7



3/7

2/7

1/7

Save

● Fixed length

Reference
Fix length A and B

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

Fixed length A

Fixed length B

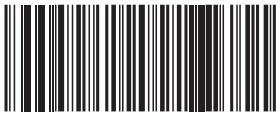
Save

15. 19 MSI/Plessey

● Reading allowed / prohibited

Reference

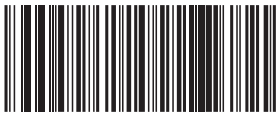
Reading prohibited



Reading allowed

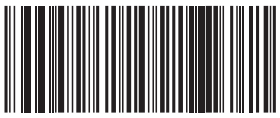
● Label direction specified reading

Reference



Not specified

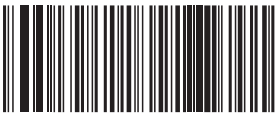
Forward only



Reverse only

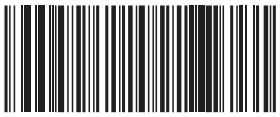
Save

● Inspection of check digit



Reference

Disabled



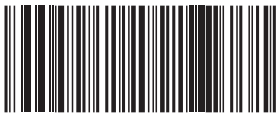
Enabled

● Check digit sending

Reference

Not send

Send 1 digits



Send 2 digits

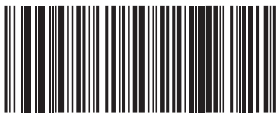
Save

● End margin rate

Reference

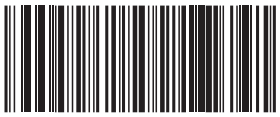
Normal

6/7



5/7

4/7



3/7

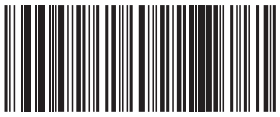
2/7

1/7

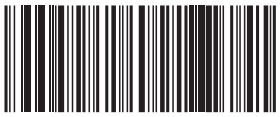
Save

● Check digit type selection

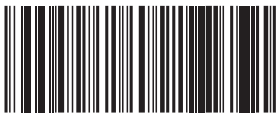
Reference



MOD10



MOD10+MOD10



MOD10+MOD11

MOD11+MOD10

Save

● Fixed length

Reference
Fix length A and B

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

Fixed length A

Fixed length B

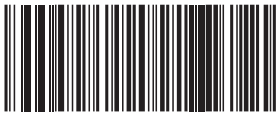
Save

15. 20 Italian Pharm(Code32)

● Reading allowed / prohibited

Reference

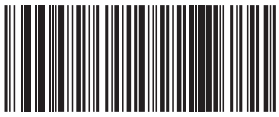
Reading prohibited



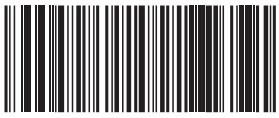
Reading allowed

● Label direction specified reading

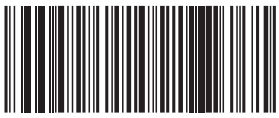
Reference



Not specified



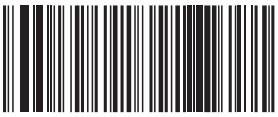
Forward only



Reverse only

Save

● Inspection of check digit



Reference

Disabled

Enabled

● Check digit sending

Reference

Not send

Send

Save

● Add prifix A

Reference

Disabled

Enabled

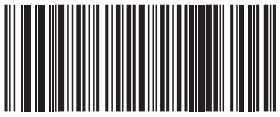
Save

15. 21 CIP39

- **Reading allowed / prohibited**

Reference

Reading prohibited



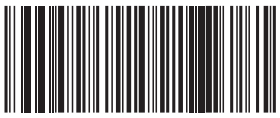
Reading allowed

- **Label direction specified reading**

Reference

Not specified

Forward only



Reverse only

Save

● Inspection of check digit

Reference

Disabled

Enabled

● Check digit sending

Reference

Not send

Send

Save

● Start / Stop character sending

Reference

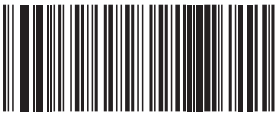
Not send

Send

Save

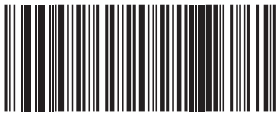
15. 22 Tri-Optic

● Reading allowed / prohibited



Reference

Reading prohibited



Reading allowed

● Label direction specified reading

Reference

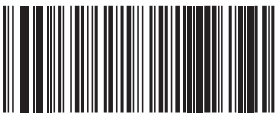
Not specified

Forward only

Reverse only

Save

● Start / Stop character sending



Reference

Not send

Send

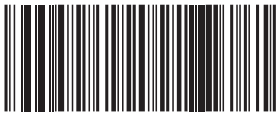
Save

15. 23 TELEPEN

- **Reading allowed / prohibited**

Reference

Reading prohibited



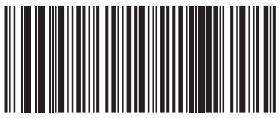
Reading allowed

- **Label direction specified reading**

Reference

Not specified

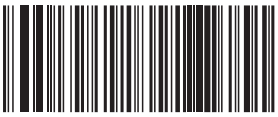
Forward only



Reverse only

Save

● Inspection of check digit



Reference

Disabled

Enabled

● Check digit sending

Reference

Not send

Send

Save

● ASCII mode

Reference

Disabled

Enabled

● VTFF conversion

Reference

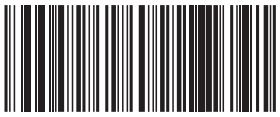
Disabled

Enabled

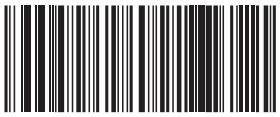
Save

● SISO conversion

Reference



Disabled



Enabled

● Fixed length

Reference
Fix length A and B

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

Fixed length A

Fixed length B

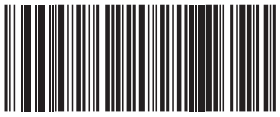
Save

15. 24 Code11

● Reading allowed / prohibited

Reference

Reading prohibited



Reading allowed

● Label direction specified reading

Reference

Not specified

Forward only

Reverse only

Save

● Inspection of check digit

Reference

Disabled

Enabled

● Check digit sending

Reference

Not send

Send

Save

● End margin rate

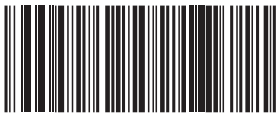
Reference

Normal

6/7

5/7

4/7



3/7

2/7

1/7

Save

● Check digit type selection

Reference

Auto : Less than 10 characters TypeC

TypeC (1 digit)

TypeK (1 digit)

TypeC+K

● Fixed length

Reference
Fix length A and B

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

Fixed length A

Fixed length B

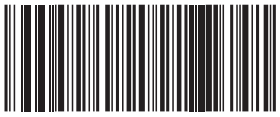
Save

15. 25 GS1 Databar Expanded

● Reading allowed / prohibited

Reference

Reading prohibited



Reading allowed

● Label direction specified reading

Reference

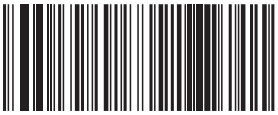
Not specified

Forward only

Reverse only

Save

● Fixed length



Reference
Fix length A and B

Arbitrary settings

Read the "Hexadecimal input" label
of clause 16 after reading arbitrary setting label.

Fixed length A

Fixed length B

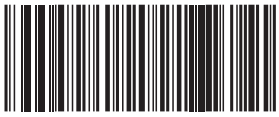
Save

15. 26 GS1 Databar Limited

● Reading allowed / prohibited

Reference

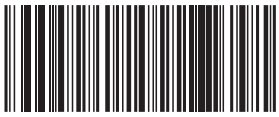
Reading prohibited



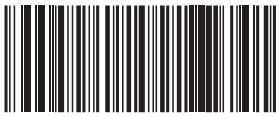
Reading allowed

● Label direction specified reading

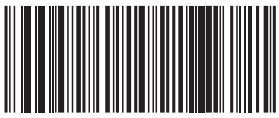
Reference



Not specified



Forward only



Reverse only

Save

● AI output

Reference

Disabled

Enabled

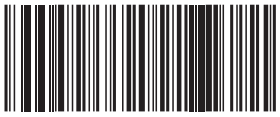
Save

15. 27 GS1 Databar Omni-Directional

● Reading allowed / prohibited

Reference

Reading prohibited



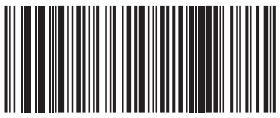
Reading allowed

● Label direction specified reading

Reference

Not specified

Forward only



Reverse only

Save

● AI output

Reference

Disabled

Enabled

Save

16. Hexadecimal input

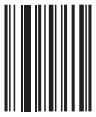
0

1

2

3

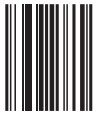
4



5

6

7



8

9

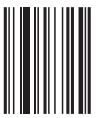
A

B

C

D

E



F

Cancel

Decision

Save

17. Software version check

Get version

● Output format

Prifix	Model number	Separator	Mail application version	Separator
^	WB1F-1000S1S	/	A-000.000.00	/

Bootloader version	Suffix
B-001.000.00	CR,LF

Revision history

Edition	Published	Revised content	
		Page	Point
1st	2015.04	—	
2nd	2016.03	—	Redesigned menu sheet.
		2	Addition of Related manuals.
		8	1.Initialize and mode swithing "Initialize" Fixed the initialize barcode.
3rd	2016.06	9	3.RS-232 setting Communication speed Addition of 600 bps barcode.

UNITED STATES
IDEC CORPORATION
1175 Elko Drive, Sunnyvale, CA 94089-2209, USA
Tel: +1-408-747-0550
Toll Free: (800) 262-IDEC
Fax: +1-408-744-9055
Toll Free Fax: (800) 635-6246
E-mail: opencontact@idec.com

CANADA
IDEC CANADA LIMITED
3155 Pepper Mill Court, Unit 4,
Mississauga, Ontario, L5L 4X7, Canada
Tel: +1-905-890-8561
Toll Free: (888) 317-4332
Fax: +1-905-890-8562
E-mail: sales@ca.idec.com

AUSTRALIA
IDEC AUSTRALIA PTY. LTD.
17/104 Ferntree Gully Road, Oakleigh, Victoria 3166, Australia
Tel: +61-3-8523-5900
Toll Free: 1800-68-4332
Fax: +61-3-8523-5999
E-mail: sales@au.idec.com

UNITED KINGDOM
IDEC ELECTRONICS LIMITED
Unit 2, Beechwood, Chineham Business Park,
Basingstoke, Hampshire RG24 8WA, UK
Tel: +44-1256-321000
Fax: +44-1256-327755
E-mail: sales@uk.idec.com

GERMANY
IDEC ELEKTROTECHNIK GmbH
Wendenstrasse 331, 20537 Hamburg, Germany
Tel: +49-40-25 30 54 - 0
Fax: +49-40-25 30 54-24
E-mail: service@idec.de

JAPAN
IDEC CORPORATION
6-64, Nishi-Miyahara 2-Chome,
Yodogawa-ku, Osaka 532-0004, Japan
Tel: +81-6-6398-2527
Fax: +81-6-6398-2547
E-mail: marketing@idec.co.jp

CHINA
IDEC (SHANGHAI) CORPORATION
Room 701-702 Chong Hing Finance Center, No.288
Nanjing Road West, Shanghai 200003, P.R.C.
Tel: +86-21-6135-1515
Fax: +86-21-6135-6225
E-mail: idec@cn.idec.com

IDEC (BEIJING) CORPORATION
Room 211B, Tower B, The Grand Pacific Building, 8A
Guanghua Road, Chaoyang District, Beijing 100026, PRC
TEL: +86-10-6581-6131
FAX: +86-10-6581-5119

IDEC (SHENZHEN) CORPORATION
Unit AB-3B2, Tian Xiang Building, Tian'an Cyber Park,
Fu Tian District, Shenzhen, Guang Dong 518040, PRC
Tel: +86-755-8356-2977
Fax: +86-755-8356-2944

HONG KONG
IDEC IZUMI (H.K.) CO., LTD.
Unit G & H, 26/F., MG Tower,
No. 133 Hoi Bun Road, Kwun Tong, Kowloon, Hong Kong
Tel: +852-2803-8989
Fax: +852-2565-0171
E-mail: info@hk.idec.com

TAIWAN
IDEC TAIWAN CORPORATION
8F-1, No.79, Hsin Tai Wu Road, Sec.1,
Hsi-Chih District, 22101 New Taipei City, Taiwan
Tel: +886-2-2698-3929
Fax: +886-2-2698-3931
E-mail: service@tw.idec.com

SINGAPORE
IDEC IZUMI ASIA PTE. LTD.
No. 31, Tannery Lane #05-01
HB Centre 2, Singapore 347788
Tel: +65-6746-1155
Fax: +65-6844-5995
E-mail: info@sg.idec.com

THAILAND
IDEC ASIA (THAILAND) CO.,LTD.
20th Fl., Sorachai Bldg., No.23/78, Soi Sukhumvit 63,
Sukhumvit Rd., Klongton-Nua, Wattana, Bangkok 10110
Tel: +66-2-392-9765
Fax: +66-2-392-9768
E-mail: sales@th.idec.com

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