

2D Long Range LED Barcode Scanner **User Manual**

Model 154116



manhattanproducts.com



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Thank you for purchasing the Manhattan 2D Long Range LED Barcode Scanner.

Before using this product, carefully read the manual to understand its functions.



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BASIC INFORMATION

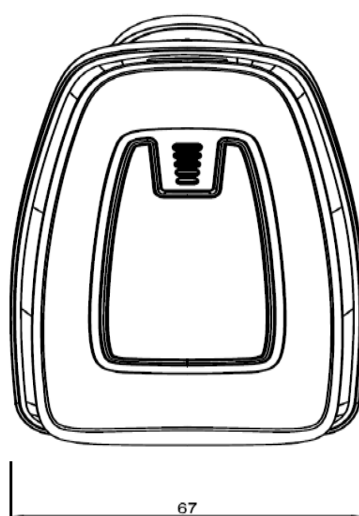
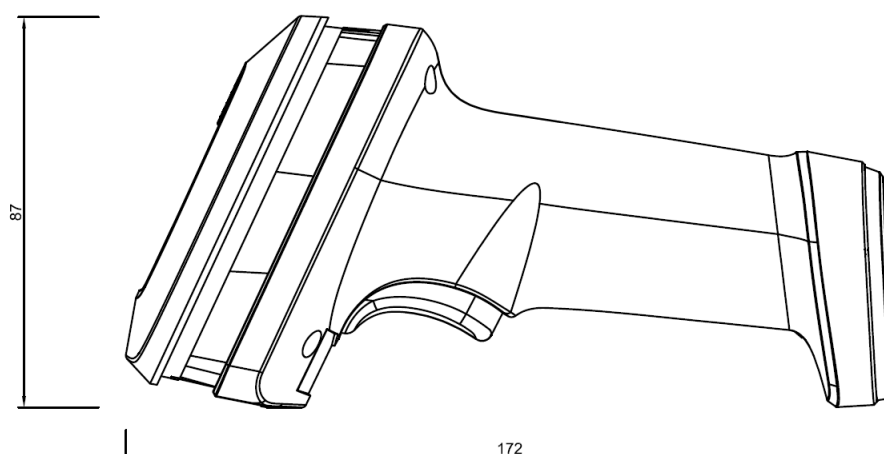
ABOUT THE MANUAL

This user manual includes interface mode settings, function settings (lighting, keyboard type and factory reset, etc.), symbology settings, exposure optimization in special scenes, and data format editing functions. If you need to change the function you need, scan the corresponding configuration code below. All bands (*) indicate factory default values.

PACKAGE DETAILS

ITEM	SPECIFICATION / MODEL	NUMBER	NOTE
Barcode scanner	2D Long Range LED Barcode Scanner	1	
Data Cable	USB	1	
Quick Installation Guide	Paper	1	

APPEARANCE SIZE





INTERFACE

USB CABLE CONNECTION

- 1 Insert the RJ45 interface (crystal head) of the USB data cable into the rear of the scanner, there is a crisp "click" sound, and the connection is normal.
- 2 Connect the USB interface of the USB data cable to the host device.

DECODING

- 1 Make sure that both ends of the cable are properly connected to the scanner and the host, and there is a prompt sound when starting.
- 2 Press the button, the fill light of window is on, accompanied by a green dot.
- 3 Aim the green dot at the barcode. After the reading is successful, the scanner will sound a beep, and turn off the fill light and aiming light. After the data is transmitted to the host, press the switch again to read the barcode.
- 4 In the process of reading barcode, the different sizes and density of the barcode, the effective reading distances are also different. When there is difficulty in reading, the scanner can be moved back and forth, adjust the distance between the scanner and the barcode to improve the success rate of reading.



SYSTEM SETTINGS

CHECK THE VERSION NUMBER

Read the "Version Information" barcode, the scanner will output software version.



FFFF68

Version Number

RECOVER THE DEFAULT SETTING

Restore the system setting state to the default setting state. The scanner will restart automatically after setting.



FFF67A

Restore the Default Setting

INTERFACE MODE

USB HID INTERFACE

When the data cable with USB interface, after read the "USB HID" barcode, scanner will be set to the "USB Keyboard" mode, and the scanner will input data to the host by pressing the keyboard button first.



FFBFFE

USB HID (USB Keyboard)



When the data output is wrong, please turn off the third-party output method and use the American English keyboard, because the third-party input method will edit the input data for a second time before outputting, and the data output will be incomplete, wrong or garbled.

USB TRANSMISSION RATE

The USB Transmission Rate can be set to three levels: high, medium, and low. The higher the rate, the faster the characters are transmitted to the host.



8C68B0

USB Transmission Rate-High



8C68B1

USB Transmission Rate-Medium



8C68B2

USB Transmission Rate-Low



USB TRANSMISSION DELAY

The USB Transmission Delay can be set to four gears from 0 to 3. If the host will lose characters, the delay can be increased.



A788B0

USB Transmission Delay – 0ms



A788B1

USB Transmission Delay – 1ms



A788B2

USB Transmission Delay – 2ms



A788B3

USB Transmission Delay – 3ms

EMULATE KEYBOARD

When the emulate keyboard input character is enabled, the character will be sent through the numeric keypad, ignoring the national keyboard layout setting;

EXAMPLE

Assume that the current scanner reads the barcode with the content “A\$F” (the decimal value in Code Page 1252 is 65/167/66 respectively). If the keyboard emulation input character is set to “on”, the scanner emulates the keyboard operation as follows:

- 1 Enter “A” -- press the ALT key, simultaneously press the numeric keypad keys 0, 6, 5 in sequence, and release the ALT key;
- 2 Enter “\$” -- press the ALT key, simultaneously press the numeric keypad keys 1, 6, 7 in sequence, and release the ALT key;
- 3 Enter “B” - press the ALT key, simultaneously press the numeric keypad keys 0, 6, 6 in sequence, and release the ALT key.



A6A761

Enable



A6A760

*Disable



A6A771

Enable the emulate keyboard front zero



A6A770

Disable the emulate keyboard front zero



KEYBOARD LANGUAGE COUNTRY TYPE

When the barcode scanner is used as a keyboard input device by default, some characters are different in different countries, and different national languages need to be set. The keyboard defaults to the US language.



A69E60

Belgium



A69E61

United Kingdom



A69E62

France



A69E63

German



A69E64

Italy



A69E65

Spain



A69E66

*America



A69E68

Singapore



A69E69

El Salvador



A69E610

Japan



A69E611

Sierra Leone



A69E612

Turkey



A69E614

Belgium



A69E616

Thailand



A69E617

Vietnam



A69E622

The Czech Republic



A69E623

Slovakia



A69E624

Russia(CP866)



A69E626

Arabic



A69E627

Portugal BRAZ_ABNT--Brazil



A69E628

Swiss GERMAN_QWERTZ-
-German keyboard

A69E630

Swiss FRENCH_QWERTZ French keyboard



A69E631

Portugal



KEYBOARD MODE ENCODING FORMAT

The keyboard mode can output Chinese, traditional Chinese, Korean, etc. Since the third-party software uses different encoding, the scanner needs to switch to different encoding formats, please scan the corresponding configuration code as required.



A67960

*Default



A67963

GBK



A67964

Word Output Japanese



A67965

Txt output Japanese



A67966

CP949 Word Output Korean



A67967

Notepad Output Korean



A7B7C1

BIG5 (Traditional Chinese)



A67962

Txt output BIG5 (Need to enable BIG5 setting)

CTRL+ * MODE SEND

After this function is enabled, the control characters from 00 to 1F in the ASCII code table will be output by the combination of CTRL+*.

For the corresponding relationship between the specific ASCII value and the control function keys, see the attached table.

NON-PRINTABLE		KEYBOARD CONTROL + ASCII (CTRL+*) MODE			
DEC	HEX	CHAR	CONTROL + * MODE OFF	WINDOWS MODE CONTROL + * MODE ON	
				CTRL+ *	CTRL + * FUNCTION
0	00	NUL	NULL	CTRL + @	
1	01	SOH	NP Enter	CTRL + A	Select All
2	02	STX	Caps Lock	CTRL + B	Bold
3	03	ETX	Right Arrow	CTRL + C	Copy
4	04	EOT	Up Arrow	CTRL + D	Bookmark
5	05	ENQ	NULL	CTRL + E	Center
6	06	ACK	NULL	CTRL + F	Find
7	07	BEL	Enter	CTRL + G	
8	08	BS	Left Arrow	CTRL + H	History
9	09	HT	Tab	CTRL + I	Italic
10	0A	LF	Down Arrow	CTRL + J	Justify



NON-PRINTABLE		KEYBOARD CONTROL + ASCII (CTRL+*) MODE			
DEC	HEX	CHAR	CONTROL + * MODE OFF	WINDOWS MODE CONTROL + * MODE ON	
				CTRL+ *	CTRL + * FUNCTION
11	0B	VT	Tab	CTRL + K	Hyperlink
12	0C	FF	Backspace	CTRL + L	List, Left Align
13	0D	CR	Enter / Ret	CTRL + M	
14	0E	SO	Insert	CTRL + N	New
15	0F	SI	ESC	CTRL + O	Open
16	10	DLE	F11	CTRL + P	Print
17	11	DC1	Home	CTRL + Q	Quit
18	12	DC2	PrtScn	CTRL + R	
19	13	DC3	Delete	CTRL + S	Save
20	14	DC4	Tab + Shift	CTRL + T	
21	15	NAK	F12	CTRL + U	
22	16	SYN	F1	CTRL + V	Paste
23	17	ETB	F2	CTRL + W	
24	18	CAN	F3	CTRL + X	
25	19	EM	F4	CTRL + Y	
26	1A	SUB	F5	CTRL + Z	
27	1B	ESC	F6	CTRL + [	
28	1C	FS	F7	CTRL + \	
29	1D	GS	F8	CTRL +]	
30	1E	RS	F9	CTRL + ^	
31	1F	US	F10	CTRL + -	
127	7F	DEL	Delete		



USB COM INTERFACE

In this section, you can change the reading mode of the device, you only need to scan the corresponding setting code according to your needs.

After the scanner of the USB interface is set to "USB COM", the data will be transmitted to the host through the serial port;



USB COM (Virtual serial port)

READING MODE

The stop digit is located at the last part of each byte transmitted, and is used to mark the completion of the transmission of this byte to start receiving the next byte of data.

MODE	DESCRIPTION
Manual	
Automatic	After power on, it has been in the state of reading codes. Pressing and releasing the button can briefly switch the scanner between manual and automatic states. In this mode, the reread delay can be used to prevent the same barcode from being read multiple times.
Multiple Reading	When the button is pressed, the scanner starts to read barcode, and it stops reading barcode until the button is released. When the key is pressed and the code is successfully read, there will be a prompt tone and the barcode information will be output. As long as the key is not released, the scanner will continue to read barcode. The same barcode is only allowed to be read and output once while the key is pressed.
Good Read Off	When the button is pressed, the scanner starts to read barcode, and stops reading barcode until barcode reading is successful or the set time of a code reading timeout is reached. In this mode, a barcode reading timeout starts from the time the button is released.
Auto-Sense	The scanner enters the induction mode, which can be used with a stand. When an object passes through the scanning window, the scanner will be awakened, the fill light will be lit, and the code will be read. When the decoding time is exceeded, the fill light is turned off.



* Manual Mode (Trigger On/Off)



Automatic Mode



Multiple Reading Mode



Good Read Off



Auto-Sense



THE SAME BARCODE DELAY

The same barcode delay only takes effect in automatic mode. After reading a barcode in automatic mode, it will refuse to read the same barcode within the set time period. It can be read and output only after the time period is exceeded.

The same barcode time can be set to 1~127 (min. is 1, max. is 127), can be edited freely with barcode software, choose to use CODE128 code. "7EFD6X"(X means the same barcode interval time, 1 means 50ms, 127 means 127*50ms).



7EFD61

50 ms



7EFD62

100 ms



7EFD63

150 ms



7EFD64

200 ms



7EFD65

250 ms



7EFD66

300 ms



7EFD610

500 ms



7EFD615

* 750 ms

BARCODE READING TIMEOUT



B6AE610

15 S



B6AE620

* 30 S



B6AE640

60 S



B6AE680

120 S



B6AE6120

180 S



B6AE6200

200 S



AUTOSENSE SENSITIVITY SETTINGS

Sensitivity is 15 classes (B67A61 to BA67A615), class 1 highest, class 15 lowest.



B67A61

Class 1



B67A62

Class 2



B67A63

Class 3



B67A64

Class 4



B67A65

Class 5



B67A68

Class 8



B67A610

Class 10



B67A615

Class 15

LIGHT SETTING

POSITION LIGHT (AIMER)



B66771

* Enable



B66770

Disable

FILLING LIGHT (LED)



B66781

* Enable



B66780

Disable

INDICATOR



B66890

* Normal



B66892

Always OFF



B66891

Backwards



B66893

Always ON



BEEPER SETTING



B667D0

* Enable



B667D1

Disable

BEEPER LASTING TIME



7EA7A0

Normal



7EA7A1

Short

BEEPER FREQUENCY SETTING



7EB9B7

*2.7KHz



7EB9B6

1.6KHz



7EB9B5

2.0KHz



7EB9B4

2.4KHz



7EB9B3

3.1KHz



7EB9B2

3.5KHz



7EB9B1

4.2KHz



7EB9B0

Silent

VIBRATION SETTING



A8E791

Enable



A8E790

* Disable



OUTPUT SETTING

In this chapter, you can configure the output of the device, including carriage return/line feed, serial port encoding setting, setting barcode length, removing barcode digits (remove/keep from beginning and ending), and multi-countries keyboard switching settings, etc. You only need to read the barcode according to the requirements.

CARRIAGE RETURN/LINE FEED SETTING



7CC791

*Add Carriage Return



7CC790

Cancel Carriage Return



7CC781

Add Line Feed



7CC780

*Cancel Line Feed

CASE CONVERSION

Letter conversion: when outputting barcodes with letter content, you can configure the output result to be all uppercase or all lowercase.

For example: the barcode content is ab12DE, if you scan the "all uppercase" barcode, the output result will be AB12DE; if you scan the "all lowercase" barcode, the output result will be abc12de; if you scan the "case conversion" barcode, the output result will be AB12de; the default case is not converted.



A68861

All Lowercase



A68862

All Uppercase



A68863

Case Conversion



A68860

*Not Convert

CAPS LOCK DETENTION



9FC781

Enable



9FC780

* Disable



REMOVE DIGITS FROM BEGINNING/ENDING

Remove digits from Beginning/Ending can be used at the same time.

MODE	DESCRIPTION
Remove digits from Beginning	"B68E6X" (X is the number of digits to remove. If the last number is 1, it means remove one digit; if it is 2, remove two digits; if it is 0, it is not removed.)
Remove digits from Ending	"B6BE6X" (X is the number of digits to remove. If the last number is 1, it means remove one digit; if it is 2, remove two digits; if it is 0, it is not removed.)



B68E61

Remove 1 digit from Beginning



B6BE61

Remove 1 digit from Ending

KEEP DATA FROM START/END

You can only choose to keep the beginning or ending digit, but not both. Scan "AC8760" from the digit of the reserved barcode at the beginning, scan "AC8761" from the digit of the reserved barcode at the ending, and then scan the reserved digit barcode, "B69E6X" X is the digit of the reserved data.

For example, if 9 bits are reserved, the maximum number of B69E69 is 255.



AC8760

Keep beginning digit



AC8761

Keep ending digit



B69E69

Keep 9 digits



Keep the header or keep the tail data is a single option and cannot take effect at the same time. When it is used in combination with the delete data setting, the data will be edited and output in the order of the settings.



BARCODE SYMBOLOGY CONFIGURATION

This chapter can configure the Barcode Symbology Configuration of the device, including barcode enable/disable, check enable/disable, check output enable/disable, etc.

QUICK SETTING OF BARCODE ENABLE/DISABLE SETTING



FFFEFD

Enable All Symbology



FFFEFC

Disable All Symbology



FFFEFB

Enable All 1D Symbology



FFFEFA

Disable All 1D Symbology



FFFEF9

Enable All 2D Symbology



FFFEF8

Disable All 2D Symbology

BARCODE LENGTH SETTING

The barcode length setting code can be edited freely with barcode software, and CODE128 can be selected. For example, the minimum length setting of Telepen is ^3B76E61, 1 means that the barcode with the minimum length of 1 digit can be read, and the maximum length setting code is ^3B77E6255, which means the barcode with the maximum length of 255 digits can be read.

TELEPEN LENGTH LIMIT



B76E61

The min. Length of Telepen is 1 digit



B77E6255

The max. Length of Telepen is 255 digits

MATRIX 25 LENGTH LIMIT



B78E61

The min. Length of Matrix 25 is 1 digit



B79E6255

The max. Length of Matrix 25 is 255 digits



CHINAPOST (DATALOGIC 2 OF 5) LENGTH LIMIT



B7AE61

The min. Length of Chinapost is 1 digit



B7BE6255

The max. Length of Chinapost is 255 digits

CODE 11 LENGTH LIMIT



B7CE61

The min. Length of Code 11 is 1 digit



B7DE6255

The max. Length of Code 11 is 255 digits

CODEABAR LENGTH LIMIT



B7EE61

The min. Length of Codeabar is 1 digit



B7FE6255

The max. Length of Codeabar is 255 digits

INTERLEAVED25 LENGTH LIMIT



B86E61

The min. Length of Interleaved25 is 1 digit



B87E6255

The max. Length of Interleaved25 is 255 digits

CODE 128 LENGTH LIMIT



B88E61

The min. Length of Code128 is one digit



B89E6255

The max. Length of Code128 is 255 digits

CODE 93 LENGTH LIMIT



B8AE61

The min. Length of Code 93 is one digit



B8BE6255

The max. Length of Code 93 is 255 digits



CODE 39 LENGTH LIMIT



B8CE61

The min. Length of Code 39 is one digit



B8DE6255

The max. Length of Code 39 is 255 digits

INDUSTRIAL 25 LENGTH LIMIT



B8EE61

The min. Length of Industrial 25 is one digit



B8FE6255

The max. Length of Industrial 25 is 255 digits

AIRLINE25(ITAT 25) LENGTH LIMIT



B96E61

The min. Length of Airline25 is one digit



B97E6255

The max. Length of Airline25 is 255 digits

MSI LENGTH LIMIT



B98E61

The min. Length of MSI is one digit



B99E6255

The max. Length of MSI is 255 digits

RSS-EXPEND(GS1 DATABAR EXPANDED) LENGTH LIMIT



B9AE61

The min. Length of RSS-expend is one digit



B9BE6255

The max. Length of RSS-expend is 255 digits



2D BARCODE LENGTH SETTING

The minimum length of the 2D barcode can be set to 1~255 (the minimum length is 1, the maximum length is 255), 67EE6X (X represents the length of the barcode)



67EE61

The min. length of the 2D barcode is 1



67EE6255

The min. length of the 2D barcode is 255

2D barcode length lock: After locking, only fixed-length 2D barcodes can be read, 67FE6X (X represents the data length)

Setting example: ^367FE620, the last two digits of "20" represent only read the 2D barcode with a barcode data length of 20 digits;



67FE620

Only read 2D Barcode with 20-digit data

AIRLINE 2 OF 5 (STANDARD 2 OF 5/IATA 2 OF 5)



6667A1

Enable



6667A0

*Disable

AZTEC CODE



66C761

Enable



66C760

*Disable

AZTEC CODE DIRECT AND REVERSE COLOR



66C770

* Regular



66C771

Both



CODABAR



6677A1

* Enable



6677A0

Disable

CODABAR CHECK



9EF880

*Disable Check



9EF881

Enable check and output check character



9EF882

Enable check but not output
check character

CODABAR STOP BIT



6DD7D1

Enable output beginning & ending character



6DD7D0

* Disable output beginning & ending character

CODABAR DIRECT AND REVERSE COLOR



A888C0

* Regular



A888C1

Both

CODABLOCK A



8CA761

Enable



8CA760

* Disable

CODABLOCK F



8CA771

Enable



8CA770

* Disable



CODE 128



667791

* Enable



667790

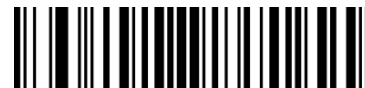
Disable

CODE 128 DIRECT AND REVERSE COLOR



A878B0

* Regular



A878B1

Both

CODE 11



666791

Enable



666790

Disable

CODE 11 CHECK



66B7C1

* Enable Check



66B7C0

Disable Check



6E67B0

*One check bit



6E67B1

Two check bits



6DD791

Enable transmit check character



6DD790

*Disable transmit check character

CODE 32



6687B1

Enable



6687B0

* Disable



CODE 39



667771

* Enable



667770

Disable

CODE 39 CHECK



9F6862

Enable Check



9F6860

* Disable Check



9F6861

Enable check and transmit
check character

9F6781

Enable output beginning & ending digit



9F6780

* Disable output beginning
& ending digit

FULL ASCII CODE39



6687D1

Enable



6687D0

Disable

CODE 39 DIRECT AND REVERSE COLOR



A88880

* Regular



A88881

Both

CODE 93



667781

Enable



667780

* Disable

CODE 93 DIRECT AND REVERSE COLOR



A88860

* Regular



A88861

Both



COMPOSITE

To enable this symbology, both Micro PDF and RSS-14 must be enabled at the same time.



A66761

Enable



A66760

*Disable

DATA MATRIX CODE



66B791

Enable



66B790

Disable

MATRIX DM



A7F791

Enable Matrix DM



A7F790

Disable Matrix DM

LATTICE DM



66B761

Enable Lattice DM(DPM)



66B760

Disable Lattice DM(DPM)

DATA MATRIX DIRECT AND REVERSE COLOR



66B780

Regular



66B883

*Both

DOT-CODE



A7F771

Enable



A7F770

Disable

DOT-CODE DIRECT AND REVERSE COLOR



A66780

Enable Matrix DM



A66781

Disable Matrix DM



EAN/UPC



6677C1

* Enable



6677C0

Disable

EAN/UPC DIRECT AND REVERSE COLOR



A87860

*Regular



A87861

Both

EAN/UPC TWO-DIGITS ADDITIONAL CODE



6787D1

Enable



6787D0

*Disable

EAN/UPC FIVE-DIGITS ADDITIONAL CODE



6787C1

Enable



6787C0

*Disable

MERGE THE ADDITIONAL CODE



678760

Enable



678761

*Disable

EAN/UPC ADDITIONAL CODE THAT MUST BE RECOGNIZED



678791

Enable



678790

*Disable

EAN/UPC BOUNDARY DETECTION (QUITE ZONE)



AE8860

*Normal Border



AE8861

Narrow Border



AE8862

Borderless



EAN-8



6687A1

* Enable



6687A0

Disable

EAN-8 CHECK



6DF761

*Enable output check bit



6DF760

Disable output check bit

EAN-8 CONVERT TO EAN-13



6DB781

Enable



6DB780

*Disable

EAN-13



668771

* Enable



668770

Disable

EAN-8 CHECK



6DF781

*Enable output check bit



6DF780

Disable output check bit

GS1 DATABAR EXPANDED



66A7B1

Enable



66A7B0

* Disable

GS1 DATABAR LIMITED



66A7A1

Enable



66A7A0

* Disable



GS1 DATABAR OMNIDIRECTIONAL



66A791

Enable



66A790

* Disable

HANXIN



8D9771

Enable



8D9770

* Disable

HONG KONG 2 OF 5(CHINA POST)



6697C1

Enable



6697C0

* Disable



When reading a postal, all other postal need close.



INTERLEAVED 2 OF 5



6677B1

* Enable



6677B0

Disable

INTERLEAVED 2 OF 5 CHECK



9EF861

Open check



9EF860

*No check



9EF862

Open check and transmit
check character

INTERLEAVED 2 OF 5 DIRECT AND REVERSE COLOR



A888A0

* Regular



A888A1

Both

FEBRABAN BARCODE



AF6761

Enable



AF6760

*Disable

MATRIX 2 OF 5



6667B1

Enable



6667B0

* Disable

MATRIX 2 OF 5 CHECK



66B7D1

Enable check bit



66B7D0

Disable check bit



6DE781

Enable output check bit



6DE780

*Disable output check bit



MAXICODE



66C7A1

Enable



66C7A0

* Disable

MSI



668781

Enable



668780

* Disable

MICRO PDF417



66A7D1

Enable



66A7D0

* Disable

PDF417



666761

* Enable



666760

Disable

PDF417 DIRECT AND REVERSE COLOR



A8D860

*Regular



A8D861

Both

PHARMACODE



ACF7B1

Enable



ACF7B0

Disable



MICRO QR CODE



66C7B1

Enable



66C7B0

* Disable

MICRO QR CODE DIRECT AND REVERSE COLOR



66C7C0

*Regular



66C7C1

Both

QR CODE



66C781

* Enable



66C780

Disable

QR CODE DIRECT AND REVERSE COLOR



66C790

*Regular



66C791

Both

QR CODE DOT MATRIX



AE87C1

Enable



AE87C0

Disable

QR CODE URL CODE



A6E760

* Enable



A6E761

Disable

RSS-14



66A791

Enable



66A790

* Disable



RSS-LIMITED



66A7A1

Enable



66A7A0

* Disable

RSS-EXPANDED



66A7B1

Enable



66A7B0

* Disable

STRAIGHT 2 OF 5 INDUSTRIAL



667761

Enable



667760

* Disable

TELEPEN



6667D1

Enable



6667D0

* Disable

TRIOPTIC CODE



669781

Enable



669780

* Disable



UPC-A



6687C1

*Enable



6687C0

Disable

UPC-A CHECK



6DB7D1

*Enable output check bit



6DB7D0

Disable output check bit

UPC-A OUTPUT NUMERIC SYSTEM CHARACTERS



6DB771

*Enable



6DB770

Disable

UPC-A CONVERT TO EAN-13



6DB7A1

Enable



6DB7A0

* Disable



UPC-E



668761

*Enable



668760

Disable

UPC-E CHECK



6DB7C1

Enable output check bit



6DB7C0

* Disable output check bit

UPC-E OUTPUT HEADER CHARACTERS (SYSTEM CHARACTERS)



6DB791

Enable



6DB790

* Disable

UPC-E CONVERT TO UPC-A(EXTEND TO 12 BITS)



6DB7B1

Enable



6DB7B0

* Disable

GRIDMATRIX



8D9761

*Enable



8D9760

Disable



ISBN 13 CONVERSION SETTING

CONVERT TO ISBN



6797C1

Enable



6797C0

* Disable

978 BEGINNING BARCODE ISBN CONVERSION



6797D1

Enable



6797D0

* Disable

979 BEGINNING BARCODE ISBN CONVERSION



8B77A1

Enable



8B77A0

* Disable

ADD BOOKLAND PREFIX



8B77C1

Enable



8B77C0

* Disable

TRANSMIT ISBN CHECK DIGIT



6797B1

Enable



6797B0

* Disable



ISBN 13 CONVERSION SETTING

CONVERT BARCODES STARTING WITH 977 TO ISSN



7B77D1

Enable



7B77D0

* Disable

ISSN CONVERT TO “-”



7B77C1

Enable



7B77C0

* Disable

TRANSMITTING THE CHECK DIGIT OF THE ISSN



7B77B1

Enable



7B77B0

* Disable



GS CHARACTER CONVERSION

This mode is to output GS control characters as text characters.



AC97A1

Enable control character conversion



AC97A0

Disable control character conversion

GS OUTPUT MODE



AC9A61

GS is replaced by |



AC9A66

GS is replaced by (GS)



AC9A68

GS is replaced by `GS`



AC9A65

GS is replaced by <GS>



AC9A67

GS is replaced by 'GS'



AC9A69

GS is replaced by GS



CODE ID SETTING



A8E7A1

Enable output Code ID



A8E7A0

* Disable output Code ID

ANNEX: CODE ID TABLE

BARCODE	CODE ID	BARCODE	CODE ID
Airline 2 of 5 (Standard 2 of 5/IATA 2 of 5)	f	HANXIN	H
Aztec Code	z	Interleaved 2 of 5	e
Codabar	a	Hong Kong 2 of 5(China post)	Q
Codablock A	V	Matrix 2 of 5	m
Codablock F	q	Maxicode	
Code 128	j	MSI	g
Code 11	h	Micro PDF417	R
Code 32	<	PDF417	r
Code 39	b	Pharmacode	
Code 93	i	Micro QR Code	s
Composite	!	QR Code	s
Data Matrix	w	RSS-14	y
EAN-8	D	RSS-Limited	{
EAN-13	d	RSS-Expanded	}
GS1 DataBar Expanded	}	Straight 2 of 5 Industrial	f
GS1 DataBar Limited	{	Telepen	t
GS1 DataBar Omnidirectional	y	Trioptic Code	=
UPC-A	c	DOT_Code	.
UPC-E	E	ISBN 13	d
GridMatrix	X	ISSN	d

CONTROL CHARACTER OUTPUT

After this function is enabled, control characters (invisible characters) are output as text characters, for example, carriage return is output as <CR>.



A867D1

Enable



A867D0

Disable



Due to product improvement programs, specifications and features are subject to change without prior notice.







WASTE ELECTRICAL & ELECTRONIC EQUIPMENT DISPOSAL OF ELECTRIC AND ELECTRONIC EQUIPMENT

(Applicable In The European Union And Other European Countries With Separate Collection Systems)



ENGLISH: This symbol on the product or its packaging means that this product must not be treated as unsorted household waste. In accordance with EU Directive 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE),

this electrical product must be disposed of in accordance with the user's local regulations for electrical or electronic waste.

Please dispose of this product by returning it to your local point of sale or recycling pickup point in your municipality.

DEUTSCH: Dieses auf dem Produkt oder der Verpackung angebrachte Symbol zeigt an, dass dieses Produkt nicht mit dem Hausmüll entsorgt werden darf. In Übereinstimmung mit der Richtlinie 2012/19/EU des Europäischen Parlaments und des Rates über Elektro- und Elektronik-Altgeräte (WEEE) darf dieses Elektrogerät nicht im normalen Hausmüll oder dem Gelben Sack entsorgt werden. Wenn Sie dieses Produkt entsorgen möchten, bringen Sie es bitte zur Verkaufsstelle zurück oder zum Recycling-Sammelpunkt Ihrer Gemeinde.

ESPAÑOL: Este símbolo en el producto o su embalaje indica que el producto no debe tratarse como residuo doméstico. De conformidad con la Directiva 2012/19/EU de la UE sobre residuos de aparatos eléctricos y electrónicos (RAEE), este producto eléctrico no puede desecharse se con el resto de residuos no clasificados. Deshágase de este producto devolviéndolo a su punto de venta o a un punto de recolección municipal para su reciclaje.

FRANÇAIS: Ce symbole sur le produit ou son emballage signifie que ce produit ne doit pas être traité comme un déchet ménager. Conformément à la Directive 2012/19/EU sur les déchets d'équipements électriques et électroniques (DEEE), ce produit électrique ne doit en aucun cas être mis au rebut sous forme de déchet municipal non trié. Veuillez vous débarrasser de ce produit en le renvoyant à son point de vente ou au point de ramassage local dans votre municipalité, à des fins de recyclage.

ITALIANO: Questo simbolo sul prodotto o sulla relativa confezione indica che il prodotto non va trattato come un rifiuto domestico. In ottemperanza alla Direttiva UE 2012/19/EU sui rifiuti di apparecchiature elettriche ed elettroniche (RAEE), questa prodotto elettrico non deve essere smaltito come rifiuto municipale misto. Si prega di smaltire il prodotto riportandolo al punto vendita o al punto di raccolta municipale locale per un opportuno riciclaggio.

POLSKI: Jeśli na produkcie lub jego opakowaniu umieszczono ten symbol, wówczas w czasie utylizacji nie wolno wyrzucać tego produktu wraz z odpadami komunalnymi. Zgodnie z Dyrektywą Nr 2012/19/EU w sprawie zużytego sprzętu elektrycznego i elektronicznego (WEEE), niniejszego produktu elektrycznego nie wolno usuwać jako nie posortowanego odpadu komunalnego. Prosimy o usunięcie niniejszego produktu poprzez jego zwrot do punktu zakupu lub oddanie do miejscowego komunalnego punktu zbiórki odpadów przeznaczonych do recyklingu.

WARRANTY INFORMATION • GARANTIEINFORMATIONEN • GARANTÍA • GARANTIE • GWARANCJI • GARANZIA

manhattanproducts.com

EN MÉXICO: Póliza de Garantía Intellinet Network Solutions — Datos del importador y responsable ante el consumidor IC Intracom México, S.A.P.I. de C.V. • Av. Interceptor Poniente # 73, Col. Parque Industrial La Joya, Cuautitlán Izcalli, Estado de México, C.P. 54730, México. • Tel. (55)1500-4500 La presente garantía cubre los siguientes productos contra cualquier defecto de fabricación en sus materiales y mano de obra.

A. Garantizamos los productos de limpieza, aire comprimido y consumibles, por 60 días a partir de la fecha de entrega, o por el tiempo en que se agote totalmente su contenido por su propia función de uso, lo que suceda primero.

B. Garantizamos los productos con partes móviles por 3 años.

C. Garantizamos los demás productos por 5 años (productos sin partes móviles), bajo las siguientes condiciones:

1. Todos los productos a que se refiere esta garantía, ampara su cambio físico, sin ningún cargo para el consumidor.
2. El comercializador no tiene talleres de servicio, debido a que los productos que se garantizan no cuentan con reparaciones, ni refacciones, ya que su garantía es de cambio físico.
3. La garantía cubre exclusivamente aquellas partes, equipos o sub-ensambles que hayan sido instaladas de fábrica y no incluye en ningún caso el equipo adicional o cualesquiera que hayan sido adicionados al mismo por el usuario o distribuidor.

Para hacer efectiva esta garantía bastará con presentar el producto al distribuidor en el domicilio donde fue adquirido o en el domicilio de IC Intracom México, S.A.P.I. de C.V., junto con los accesorios contenidos en su empaque, acompañado de su póliza debidamente llenada y sellada por la casa vendedora (indispensable el sello y fecha de compra) donde lo adquirió, o bien, la factura o ticket de compra original donde se mencione claramente el modelo, número de serie (cuando aplique) y fecha de adquisición. Esta garantía no es válida en los siguientes casos: Si el producto se hubiese utilizado en condiciones distintas a las normales; si el producto no ha sido operado conforme a los instructivos de uso; o si el producto ha sido alterado o tratado de ser reparado por el consumidor o terceras personas.



REGULATORY STATEMENTS

FCC Class B

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of Federal Communications Commission (FCC) Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: reorient or relocate the receiving antenna; increase the separation between the equipment and the receiver; connect the equipment to an outlet on a circuit different from the receiver; or consult the dealer or an experienced radio/TV technician for help.

CE

ENGLISH: This device complies with the requirements of CE 2014/30/EU and/or 2014/35/EU. The Declaration of Conformity for is available at:
DEUTSCH: Dieses Gerät entspricht der CE 2014/30/EU und / oder 2014/35/EU. Die Konformitätserklärung für dieses Produkt finden Sie unter:
ESPAÑOL: Este dispositivo cumple con los requerimientos de CE 2014/30/EU y / o 2014/35/EU. La declaración de conformidad esta disponible en:
FRANÇAIS: Cet appareil satisfait aux exigences de CE 2014/30/EU et / ou 2014/35/EU. La Déclaration de Conformité est disponible à:
POLSKI: Urządzenie spełnia wymagania CE 2014/30/EU i / lub 2014/35/EU. Deklaracja zgodności dostępna jest na stronie internetowej producenta:
ITALIANO: Questo dispositivo è conforme alla CE 2014/30/EU e / o 2014/35/EU. La dichiarazione di conformità è disponibile al:

support.manhattanproducts.com/barcode/154116



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