

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

Model 154185



manhattanproducts.com



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

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



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VERSION DISPLAY



Display version information

DEFAULT SETTINGS



Restore default settings



All the scanner's wireless properties (page 5 – 15) will be return to the default state of the software with scanning the "Restore default settings" setup code.

KEYBOARD LANGUAGE COUNTRY SETTINGS



International Keyboard

GENERAL SETTINGS



* American English



German



French



Spanish



Italian



Japanese



Belgian French



Portuguese



British English



German IOS keyboard: Apple
system German keyboard



Brazilian Portuguese



Russian



Czech



Italian 142



Turkey Q



Turkey F



Sweden / Finland



Mexican Spanish



Danish



Norwegian



Croatian



Swiss German



Swiss-French



Dutch



Hungarian



Polish



Canadian French



Argentina (Latin American)



Slovak

KEYBOARD MODE ENCODING FORMAT SETTINGS



Txt Output Traditional Chinese



Txt Output Japanese

WORD OUTPUT JAPANESE (UTF-8)



Japanese



UTF-8



Before setting the keyboard mode encoding, suggest to recovery the default settings.



SOUND RELATED SETTINGS (WIRELESS)



Mute



Medium Volume



Low Volume



* High Volume

BUZZER SETTING (WIRELESS)



* Buzzer Frequency 2K



Buzzer Frequency 2.7K

TRANSMISSION MODE



* Enter Normal Mode



Enter inventory mode



Data upload



Display total storage entries



Clear inventory data



SLEEP TIME SETTING



30 Seconds



1 Minute



2 Minutes



* 5 Minutes



10 Minutes



30 Minutes



Never



Sleep now

DISPLAY BATTERY



Display battery percentage

SOUND SETTINGS



Wireless sound OFF



* Wireless sound ON

VIBRATION SETTING (CUSTOMIZED)



* Turn On



Turn Off



The vibration function is optional for some products.



TRANSFER SETTINGS (FOR WIRELESS 4.2)



Fast



* Medium



Low



Ultra-low

COMMUNICATION MODE SETTINGS



* 2.4G mode HID mode



2.4G Virtual serial port mode



Wireless 4.2 HID mode



Wireless 4.2 SPP mode



Wireless 4.2 BLE mode

WIRELESS 4.2 NAME SETTING



Set name



Read name

THE METHOD OF SETTING THE WIRELESS 4.2 NAME:

Scan the Wireless 4.2 name barcode first, and then scan a barcode, this barcode will be set as the Wireless 4.2 name.

- 1 The name can only be set up to 16 bytes. If the name bar code exceeds 16 bytes, the scanner will only take the first 16 bytes as the Wireless 4.2 name.
- 2 The complete Wireless 4.2 name includes Wireless 4.2 name + protocol type, which only supports modifying the Wireless 4.2 name. After modifying the Wireless 4.2 name, the names of all Wireless 4.2 protocols have been changed. For example: if the Wireless 4.2 name is set as Scanner, the name of Wireless 4.2 HID is Scanner HID, the name of SPP is: Scanner SPP, and the name of BLE is Scanner BLE.



HID SETTING



* Allow long press button to enter Wireless 4.2 HID search



Prohibit long press button to enter Wireless 4.2 HID search



HID Keyboard pop up/hide



Disable double-click to pop up/hide HID keyboard



Enable double click to pop up/hide HID keyboard

OUTPUT SETTING



%%SpecCode9C

* Add a carriage return at the end



%%SpecCode9D

Add a newline at the end



%%SpecCode9E

Add carriage return and line feed at the end



%%SpecCode9F

Add Tab at the end



%%SpecCode9F

Disable add at the end

CONVERSION TO UPPERCASE OR LOWERCASE



%%SpecCodeA3

Cast to lowercase



%%SpecCodeA4

Cast to uppercase



%%SpecCodeA6

Convert between uppercase and lowercase



%%SpecCodeA5

* Disable convert case



HIDE BARCODES

To hide the barcode, scan the front part of the hidden barcode or the back part of the hidden barcode first, then scan the hidden digits, and hide the number up to 4 bytes.

To cancel the Hide barcodes, scan to the hide the front of the barcode or hide the back of the barcode first, and then scan to exit the setting mode.



Hide the front of the barcode



Hide the back of the barcode



Exit setting mode



Hide 1 bit



Hide 2 bit



Hide 3 bit



Hide 4 bit

HIDE BARCODES

To add the prefix and suffix, scan to set the prefix or suffix first, and then scan the corresponding bar code (for the bar code see appendix), the maximum number is 32 bytes.

To cancel the prefix and suffix, scan to set the prefix or suffix first, and then scan to exit the setting mode.



Set prefix



Set suffix



Exit setting mode



CONTROL CHARACTER SET ESCAPE SETTINGS

The control character table mainly contains characters with key values less than 32. Most of these characters cannot be output directly through the HID keyboard and need to be escaped to be output from the HID keyboard.

This scanner defines 5 escaping methods, and you can switch between different escaping methods by scanning the code. Customers can set the appropriate escape character set according to their own needs.



%%SpecCodeBA0000

* Escape character set 0



%%SpecCodeBA0001

Escape character set 1



%%SpecCodeBA0003

Escape character set 2



%%SpecCodeBA0003

Escape character set 3



%%SpecCodeBA0004

Escape character set 4

WORKING MODE

READING MODE

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.
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 (30s). 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.



7E9AA2

* Manual Mode (Trigger On/Off)



7E9AA0

Automatic Mode



7E9AA6

Good Read Off



7E9AA8

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. "[^]37EFD6X"(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



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



FFFEFB

Enable All 1D Symbology



FFFEF9

Enable All 2D Symbology



FFFEFC

Disable All Symbology



FFFEFA

Disable All 1D 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



ENABLE/DISABLE BARCODES

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

BARCODE SYMBOLOGY CONFIGURATION DEFAULT

Read the following default barcode will restore all the barcode symbology configuration (with working mode) to the default state.



FFF67A

Barcode Symbology Configuration default



There is a restart button on the base. When the scanner is error, please press the button to restart.



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



APPENDIX – CONTROL CHARACTER LIST



The setting code of the control character table refers to the corresponding setting code of 01-31 in the ASCII character table

HEX	DEC	ASCII	CHAR SET 0	CHAR SET 1	CHAR SET 2	CHAR SET 3	CHAR SET 4
00	00	SOH	NULL	Home	Ctrl+A	Alt+001	Enter (on the Keypad)
01	01	STX	Ctrl+B	End	Ctrl+B	Alt+002	Caps Lock
02	02	ETX	Ctrl+C	Up Arrow	Ctrl+C	Alt+003	Right Arrow
03	03	EOT	NULL	Down Arrow	Ctrl+D	Alt+004	Up Arrow
04	04	ENQ	NULL	Left Arrow	Ctrl+E	Alt+005	NULL
05	05	ACK	NULL	Right Arrow	Ctrl+F	Alt+006	NULL
06	06	BEL	NULL	Shift + Tab	Ctrl+G	Alt+007	Enter
07	07	BS	Backspace	Backspace	Backspace	Alt+008	Left Arrow
08	08	HT	Tab	Tab	Tab	Alt+009	Tab
09	09	LF	Enter	Enter	Ctrl+P	Alt+010	Right Arrow
0A	10	VT	NULL	NULL	Ctrl+Q	Alt+011	Tab
0B	11	FF	NULL	NULL	Ctrl+R	Alt+012	Delete
0C	12	CR	Enter	Enter	Enter	Alt+013	Enter
0D	13	S0	F1	Page Up	Ctrl+N	Alt+014	Insert
0E	14	S1	F2	Page Down	Ctrl+O	Alt+015	Esc
0F	15	DLE	F3	F11	Ctrl+P	Alt+016	F11
10	16	DC1	F4	NULL	Ctrl+Q	Alt+017	Home
11	17	DC2	F5	NULL	Ctrl+R	Alt+018	Print Screen
12	18	DC3	F6	NULL	Ctrl+S	Alt+019	Backspace
13	19	DC4	F7	NULL	Ctrl+T	Alt+020	Shift Tab
14	20	NAK	F8	F12	Ctrl+U	Alt+021	F12
15	21	SYN	F9	F1	Ctrl+V	Alt+022	F1
16	22	TB	F10	F2	Ctrl+W	Alt+023	F2
17	23	CAN	F11	F3	Ctrl+X	Alt+024	F3
18	24	EM	F12	F4	Ctrl+Y	Alt+025	F4
19	25	SUB	NULL	F5	Ctrl+Z	Alt+026	F5
1A	26	Esc	Esc	F6	Ctrl+[	Alt+027	F6
1B	27	FS	Alt+028	F7	Ctrl+\	Alt+028	F7
1C	28	GS	Alt+029	F8	Ctrl+]	Alt+029	F8
1D	29	RS	NULL	F9	Ctrl+^	Alt+030	F9
1E	30	US	NULL	F10	Ctrl+_	Alt+031	F10



APPENDIX – ASCII CODE CHARACTER TABLE



ASCII code table 0-31 are invisible characters used as control characters, and 32-127 are visible characters

HEX	ASCII	CHAR	1D SETUP CODE	2D SETUP CODE
01	01	SOH	 %%01	 %%01
02	02	STX	 %%02	 %%02
03	03	ETX	 %%03	 %%03
04	04	EOT	 %%04	 %%04
05	05	ENQ	 %%05	 %%05
06	06	ACK	 %%06	 %%06
07	07	BEL	 %%07	 %%07
08	08	BS	 %%08	 %%08
09	09	HT	 %%09	 %%09
0A	10	LF	 %%0A	 %%0A
0B	11	VT	 %%0B	 %%0B
0C	12	FF	 %%0C	 %%0C



HEX	ASCII	CHAR	1D SETUP CODE	2D SETUP CODE
0D	13	CR	 %%0D	 %%0D
0E	14	SO	 %%0E	 %%0E
0F	15	SI	 %%0F	 %%0F
10	16	DLE	 %%10	 %%10
11	17	DC1	 %%11	 %%11
12	18	DC2	 %%12	 %%12
13	19	DC3	 %%13	 %%13
14	20	DC4	 %%14	 %%14
15	21	NAK	 %%15	 %%15
16	22	SYN	 %%16	 %%16
17	23	ETB	 %%17	 %%17
18	24	CAN	 %%18	 %%18
19	25	EM	 %%19	 %%19



HEX	ASCII	CHAR	1D SETUP CODE	2D SETUP CODE
1A	26	SUB	 %%1A	 %%1A
1B	27	ESC	 %%1B	 %%1B
1C	28	FS	 %%1C	 %%1C
1D	29	GS	 %%1D	 %%1D
1E	30	RS	 %%1E	 %%1E
1F	31	US	 %%1F	 %%1F
20	32	SP	 %%20	 %%20
21	33	!	 %%21	 %%21
22	34	"	 %%22	 %%22
23	35	#	 %%23	 %%23
24	36	\$	 %%24	 %%24
25	37	%	 %%25	 %%25
26	38	&	 %%26	 %%26



HEX	ASCII	CHAR	1D SETUP CODE	2D SETUP CODE
27	39	`	 %%27	 %%27
28	40	(	 %%28	 %%28
29	41	)	 %%29	 %%29
2A	42	*	 %%2A	 %%2A
2B	43	+	 %%2B	 %%2B
2C	44	,	 %%2C	 %%2C
2D	45	-	 %%2D	 %%2D
2E	46	.	 %%2E	 %%2E
2F	47	/	 %%2F	 %%2F
30	48	0	 %%30	 %%30
31	49	1	 %%31	 %%31
32	50	2	 %%32	 %%32
33	51	3	 %%33	 %%33



HEX	ASCII	CHAR	1D SETUP CODE	2D SETUP CODE
34	52	4	 %%34	 %%34
35	53	5	 %%35	 %%35
36	54	6	 %%36	 %%36
37	55	7	 %%37	 %%37
38	56	8	 %%38	 %%38
39	57	9	 %%39	 %%39
3A	58	:	 %%3A	 %%3A
3B	59	;	 %%3B	 %%3B
3C	60	<	 %%3C	 %%3C
3D	61	=	 %%3D	 %%3D
3E	62	>	 %%3E	 %%3E
3F	63	?	 %%3F	 %%3F
40	64	@	 %%40	 %%40



HEX	ASCII	CHAR	1D SETUP CODE	2D SETUP CODE
41	65	A	 %%41	 %%41
42	66	B	 %%42	 %%42
43	67	C	 %%43	 %%43
44	68	D	 %%44	 %%44
45	69	E	 %%45	 %%45
46	70	F	 %%46	 %%46
47	71	G	 %%47	 %%47
48	72	H	 %%48	 %%48
49	73	I	 %%49	 %%49
4A	74	J	 %%4A	 %%4A
4B	75	K	 %%4B	 %%4B
4C	76	L	 %%4C	 %%4C
4D	77	M	 %%4D	 %%4D



HEX	ASCII	CHAR	1D SETUP CODE	2D SETUP CODE
4E	78	N	 %%4E	 %%4E
4F	79	O	 %%4F	 %%4F
50	80	P	 %%50	 %%50
51	81	Q	 %%51	 %%51
52	82	R	 %%52	 %%52
53	83	S	 %%53	 %%53
54	84	T	 %%54	 %%54
55	85	U	 %%55	 %%55
56	86	V	 %%56	 %%56
57	87	W	 %%57	 %%57
58	88	X	 %%58	 %%58
59	89	Y	 %%59	 %%59
5A	90	Z	 %%5A	 %%5A



HEX	ASCII	CHAR	1D SETUP CODE	2D SETUP CODE
5B	91	[	 %%5B	 %%5B
5C	92	\	 %%5C	 %%5C
5D	93	]	 %%5D	 %%5D
5E	94	^	 %%5E	 %%5E
5F	95	_	 %%5F	 %%5F
60	96	'	 %%60	 %%60
61	97	a	 %%61	 %%61
62	98	b	 %%62	 %%62
63	99	c	 %%63	 %%63
64	100	d	 %%64	 %%64
65	101	e	 %%65	 %%65
66	102	f	 %%66	 %%66
67	103	g	 %%67	 %%67



HEX	ASCII	CHAR	1D SETUP CODE	2D SETUP CODE
68	104	h	 %%68	 %%68
69	105	i	 %%69	 %%69
6A	106	j	 %%6A	 %%6A
6B	107	k	 %%6B	 %%6B
6C	108	l	 %%6C	 %%6C
6D	109	m	 %%6D	 %%6D
6E	110	n	 %%6E	 %%6E
6F	111	o	 %%6F	 %%6F
70	112	p	 %%70	 %%70
71	113	q	 %%71	 %%71
72	114	r	 %%72	 %%72
73	115	s	 %%73	 %%73
74	116	t	 %%74	 %%74



HEX	ASCII	CHAR	1D SETUP CODE	2D SETUP CODE
75	117	u	 %%75	 %%75
76	118	v	 %%76	 %%76
77	119	w	 %%77	 %%77
78	120	x	 %%78	 %%78
79	121	y	 %%79	 %%79
7A	122	z	 %%7A	 %%7A
7B	123	{	 %%7B	 %%7B
7C	124		 %%7C	 %%7C
7D	125	}	 %%7D	 %%7D
7E	126	~	 %%7E	 %%7E
7F	127	DEL	 %%7F	 %%7F
C7	199	Ç	 %%C7	 %%C7
E7	231	ç	 %%E7	 %%E7







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: The frequency band used by this product is 2402 - 2480 MHz. The maximum emitted transmission power is 0.0123 mW E.I.R.P. This device complies with the requirements of CE RED 2014/53/EU. The Declaration of Conformity for is available at:

DEUTSCH: Das verwendete Frequenzband dieses Produkts ist 2402 - 2480 MHz. Die maximal abgestrahlte Sendeleistung beträgt 0,0123 mW E.I.R.P. Dieses Gerät entspricht der CE RED 2014/53/EU. Die Konformitätserklärung für dieses Produkt finden Sie unter:

ESPAÑOL: Este dispositivo cumple con los requerimientos de CE RED 2014/53/EU. La declaración de conformidad esta disponible en:

FRANÇAIS: Cet appareil satisfait aux exigences de CE RED 2014/53/EU. La Déclaration de Conformité est disponible à :

POLSKI: Urządzenie spełnia wymagania CE RED 2014/53/EU. Deklaracja zgodności dostępna jest na stronie internetowej producenta:

ITALIANO: Questo dispositivo è conforme alla CE RED 2014/53/EU. La dichiarazione di conformità è disponibile al:

support.manhattanproducts.com/barcode/154185



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