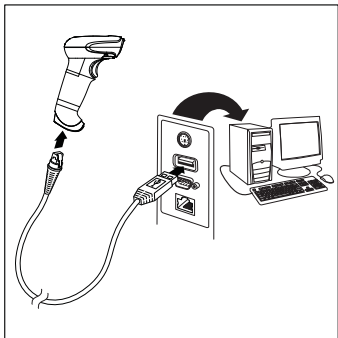YOUJIE

3300

Bar Code Scanner
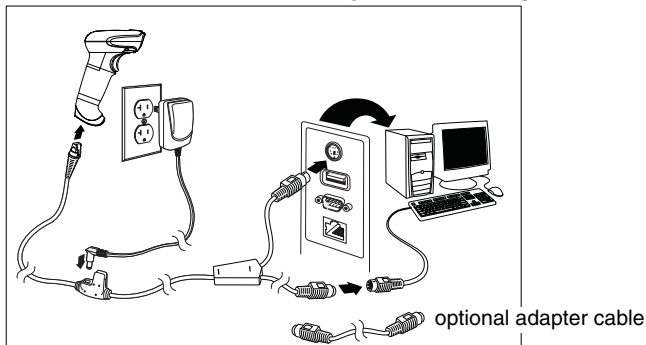
Quick Start Guide

Getting Started

Turn off the computer's power before connecting the scanner, then power up the computer once the scanner is fully connected.

Connecting the Scanner

USB:

Keyboard Wedge:

optional adapter cable

Reading Techniques

Recall Defaults

The following bar code resets all standard product default settings.

³ 9 9 9 9 9 8
Recall Defaults

Interface Selections

USB

³ 3 1 6 4 0 0
USB Keyboard
Emulation

Keyboard Wedge

³ 5 1 5 5 1 4 3
Keyboard Wedge Emulation

Prefix

Scan one of the following bar codes to program your scanner to add or remove a start of text character, or AIM or Nixdorf identification characters before each bar code.

‖‖ ‖‖ ‖‖‖‖‖ ‖‖‖‖ ‖‖‖‖‖‖ ‖‖‖
³ 1 1 6 6 1 5
STX Prefix On

‖‖ ‖‖ ‖‖‖‖‖ ‖‖‖ ‖‖‖‖‖‖ ‖‖‖
³ 1 0 7 9 1 5
AIM ID Prefix On

‖‖ ‖‖ ‖‖‖‖‖ ‖‖‖‖ ‖‖ ‖‖‖‖ ‖‖‖
³ 1 1 6 6 0 5
STX Prefix Off

‖‖ ‖‖ ‖‖‖‖‖ ‖‖‖ ‖‖‖ ‖‖ ‖‖‖‖ ‖‖‖
³ 1 0 7 9 0 5
AIM ID Prefix Off

Suffix

Scan one of the following bar codes to program your scanner to add or remove a carriage return, line feed, tab, or end of text after each bar code.

‖‖‖ ‖‖ ‖‖‖‖‖ ‖‖‖‖ ‖‖‖‖‖‖ ‖ ‖ ‖‖‖
³ 1 1 6 6 1 3
CR Suffix On

‖‖‖ ‖‖ ‖‖‖‖‖ ‖‖‖‖ ‖‖‖ ‖‖‖ ‖ ‖‖‖
³ 1 1 6 6 0 3
CR Suffix Off

‖‖‖ ‖‖ ‖‖‖‖‖ ‖‖‖‖ ‖‖‖‖‖‖ ‖ ‖‖ ‖
³ 1 1 6 6 1 2
LF Suffix On

‖‖‖ ‖‖ ‖‖‖‖‖ ‖‖‖‖ ‖‖‖ ‖‖‖‖‖‖ ‖
³ 1 1 6 6 0 2
LF Suffix Off

‖‖‖ ‖‖ ‖‖‖‖‖ ‖‖‖‖ ‖‖‖ ‖‖‖ ‖‖ ‖
³ 1 1 6 6 1 0
Tab Suffix On

‖‖‖ ‖‖ ‖‖‖‖‖ ‖‖‖‖ ‖‖‖ ‖‖‖‖‖ ‖‖
³ 1 1 6 6 0 0
Tab Suffix Off

‖‖‖ ‖‖ ‖‖‖‖‖ ‖‖‖‖ ‖‖‖‖ ‖‖‖ ‖‖‖
³ 1 1 6 6 1 4
ETX Suffix On

‖‖‖ ‖‖ ‖‖‖‖‖ ‖‖‖‖ ‖‖ ‖ ‖‖‖‖ ‖‖
³ 1 1 6 6 0 4
ETX Suffix Off

User Configurable Prefix/Suffix

One or two prefix or suffix characters can be added and assigned for data transmission. Use one of the codes below with a 3 code byte sequence that represents the desired character (see ASCII Conversion Chart, end of document) for your prefix or suffix. (To add additional prefix/suffix characters, refer to your Single-Line Configuration Guide.)

Scan the **Enter/Exit Programming** bar code to begin. Then scan the 3 digit decimal equivalent of the ASCII character into the appropriate character location with the code byte bar codes (see Code Bytes, end of document). To save, scan the **Enter/Exit Programming** bar code again.

Example: To add an asterisk (*) as a prefix, scan the bar codes:

1. Enter/Exit Programming
2. Configurable Prefix #1
3. Code Byte 0
4. Code Byte 4
5. Code Byte 2
6. Enter/Exit Programming

```
³ 9 9 9 9 9 9
```
Enter/Exit Programming

```
³ 9 0 3 5 0 0
```
Configurable Prefix #1

```
³ 9 0 3 6 0 0
```
Configurable Prefix #2

```
³ 9 0 4 5 0 0
```
Configurable Suffix #1

```
³ 9 0 4 6 0 0
```
Configurable Suffix #2

Supplements

Scan one of the bar codes below to program your scanner for 2 or 5 digit bar code supplements.

2 Digit Supplements
On

2 Digit Supplements Off

5 Digit Supplements
On

5 Digit Supplements Off

977 (2 Digit) Supplement Required: Turn on this feature when a 2 digit supplement is required for EAN-13 codes that begin with 977.

977 Supplements On

977 Supplements Off

Laser/Scan Modes

Scan **Enable Automatic Scanning** to make the IR sensor on the scanner active. The scanner stays off unless motion or an object is detected. Once something is detected, the beam comes on and scans the bar code automatically.

When you scan **Continuous Blinky Scan** mode, the IR sensor is deactivated. The scanner beam flashes continuously, but the scanner only scans when the beam is on. Scan **Enable Manual Trigger** to activate the laser when the CodeGate button is pressed.

‖‖‖ ‖‖‖ ‖‖‖‖‖ ‖ ‖‖ ‖‖‖ ‖‖‖
³ 1 1 8 7 0 3
Enable Automatic Scanning

‖‖‖ ‖‖ ‖‖‖‖‖ ‖ ‖‖‖‖ ‖‖ ‖‖‖
³ 4 1 8 3 3 4
Continuous Blinky Scan

‖‖‖ ‖‖ ‖‖‖‖‖ ‖ ‖‖‖‖ ‖‖ ‖‖‖
³ 4 1 8 3 5 4
Enable Manual Trigger

UPC/EAN Formatting

Scan **Convert UPC-A to EAN-13** and a leading zero is transmitted before a UPC-A bar code to convert it to EAN-13.

‖‖‖ ‖‖ ‖‖‖‖‖ ‖ ‖‖‖ ‖‖‖‖ ‖‖‖
³ 1 0 7 5 1 4
Convert UPC-A to EAN-13

‖‖‖ ‖‖ ‖‖‖‖‖ ‖ ‖ ‖‖‖‖ ‖‖‖
³ 1 0 7 5 0 4
Don't Convert UPC-A to EAN-13

Scan **Transmit Lead Zero on UPC-E** to transmit a zero before each UPC-E bar code.

‖‖‖ ‖‖ ‖‖‖‖‖ ‖ ‖‖‖ ‖‖‖‖ ‖‖ ‖‖‖
³ 1 0 7 5 1 3
Transmit Lead Zero on UPC-E

‖‖‖ ‖‖ ‖‖‖‖‖ ‖ ‖ ‖‖‖‖ ‖‖‖
³ 1 0 7 5 0 3
Don't Transmit Lead Zero on UPC-E

Scan **Transmit UPC-A Number System** to transmit the UPC-A leading digit with the bar code data. To transmit just the data, without the leading digit, scan **Don't Transmit UPC-A Number System**.

‖‖ ‖‖ ‖‖‖‖‖ ‖‖ ‖‖ ‖‖‖ ‖‖‖ ‖‖‖
³ 1 0 7 5 1 1
Transmit UPC-A
Number System

‖‖ ‖‖ ‖‖‖‖‖ ‖‖ ‖ ‖‖‖‖‖ ‖‖‖ ‖‖‖
³ 1 0 7 5 0 1
Don't Transmit UPC-A
Number System

Expand UPC-E to 12 Digits expands the UPC-E code to the 12 digit, UPC-A format.

‖‖ ‖‖ ‖‖‖‖‖ ‖‖ ‖ ‖‖‖‖‖‖ ‖ ‖‖‖
³ 1 0 7 5 1 5
Expand UPC-E to 12
Digits

‖‖ ‖‖ ‖‖‖‖‖ ‖‖ ‖ ‖‖‖ ‖‖‖ ‖‖‖
³ 1 0 7 5 0 5
Don't Expand UPC-E to
12 Digits

When **Code 39 Full ASCII On** is scanned, certain character pairs within the bar code symbol will be interpreted as a single character. For example: $V will be decoded as the ASCII character SYN, and / C will be decoded as the ASCII character #.

‖‖ ‖‖ ‖‖‖‖‖ ‖ ‖‖ ‖‖‖‖‖ ‖ ‖ ‖
³ 1 0 0 2 1 7
Code 39 Full ASCII On

‖‖ ‖‖ ‖‖‖‖‖ ‖ ‖ ‖‖‖‖‖ ‖ ‖‖ ‖‖‖
³ 1 0 0 2 0 7
Code 39 Full ASCII Off

Miscellaneous

Minimum Symbol Length specifies the minimum number of characters allowable for non-UPC/EAN bar codes. Scan the **Enter/Exit Programming** bar code to begin. Scan **Minimum Symbol Length**, then scan the minumum number of characters allowed using code byte bar codes, below. For example, for a 12-character symbol length, scan 012. To save, scan the **Enter/Exit Programming** bar code again.

³ 9 9 9 9 9 9
Enter/Exit Programming

³ 9 0 1 8 0 0
Minimum Symbol Length

Symbol Length Lock specifies the exact number of characters required for non-UPC/EAN bar codes. Scan the **Enter/Exit Programming** bar code to begin. Scan **Symbol Length Lock**, then scan three bar codes representing the desired number of characters using the code byte bar codes, below. For example for a 12-character symbol length lock, scan 012. To save, scan the **Enter/Exit Programming** bar code again.

³ 9 9 9 9 9 9
Enter/Exit Programming

³ 9 0 1 9 0 0
Symbol Length Lock

Code Bytes

||| ||| ||||||| |||
₃ 0

||| ||| ||||||||| |||
₃ 1

||| ||| ||||||| |||
₃ 2

||| ||| |||||| ||| |||
₃ 3

||| ||| ||||| || |||
₃ 4

||| ||| ||||||| || |||
₃ 5

||| ||| |||||| | |||
₃ 6

||| ||| ||||| || |||
₃ 7

||| ||| |||||||| | |||
₃ 8

||| ||| ||||| ||| |||
₃ 9

ASCII Conversion Chart

Dec	Hex	Char	Dec	Hex	Char	Dec	Hex	Char	Dec	Hex	Char	Dec	Hex	Char
0	00	NUL	26	1A	SUB	52	34	4	78	4E	N	104	68	h
1	01	SOH	27	1B	ESC	53	35	5	79	4F	O	105	69	i
2	02	STX	28	1C	FS	54	36	6	80	50	P	106	6A	j
3	03	ETX	29	1D	GS	55	37	7	81	51	Q	107	6B	k
4	04	EOT	30	1E	RS	56	38	8	82	52	R	108	6C	l
5	05	ENQ	31	1F	US	57	39	9	83	53	S	109	6D	m
6	06	ACK	32	20		58	3A	:	84	54	T	110	6E	n
7	07	BEL	33	21	!	59	3B	;	85	55	U	111	6F	o
8	08	BS	34	22	"	60	3C	<	86	56	V	112	70	p
9	09	HT	35	23	#	61	3D	=	87	57	W	113	71	q
10	0A	LF	36	24	$	62	3E	>	88	58	X	114	72	r
11	0B	VT	37	25	%	63	3F	?	89	59	Y	115	73	s
12	0C	FF	38	26	&	64	40	@	90	5A	Z	116	74	t
13	0D	CR	39	27	'	65	41	A	91	5B	[	117	75	u
14	0E	SO	40	28	(	66	42	B	92	5C	\	118	76	v
15	0F	SI	41	29	)	67	43	C	93	5D	]	119	77	w
16	10	DLE	42	2A	*	68	44	D	94	5E	^	120	78	x
17	11	DC1	43	2B	+	69	45	E	95	5F	_	121	79	y
18	12	DC2	44	2C	,	70	46	F	96	60	`	122	7A	z
19	13	DC3	45	2D	-	71	47	G	97	61	a	123	7B	{
20	14	DC4	46	2E	.	72	48	H	98	62	b	124	7C		
21	15	NAK	47	2F	/	73	49	I	99	63	c	125	7D	}
22	16	SYN	48	30	0	74	4A	J	100	64	d	126	7E	~
23	17	ETB	49	31	1	75	4B	K	101	65	e	127	7F	
24	18	CAN	50	32	2	76	4C	L	102	66	f			
25	19	EM	51	33	3	77	4D	M	103	67	g			

Technical Assistance

Contact information for technical support, product service, and repair can be found at www.youjieaidc.com.

Limited Warranty

Youjie warrants its products and optional accessories to be free from defects in materials and workmanship and to conform to Youjie's published specifications applicable to the products purchased at the time of shipment. This warranty does not cover any Youjie product which is (i) improperly installed or used; (ii) damaged by accident or negligence, including failure to follow the proper maintenance, service, and cleaning schedule; or (iii) damaged as a result of (A) modification or alteration by the purchaser or other party, (B) excessive voltage or current supplied to or drawn from the interface connections, (C) static electricity or electro-static discharge, (D) operation under conditions beyond the specified operating parameters, or (E) repair or service of the product by anyone other than Youjie or its authorized representatives.

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The duration of the limited warranty for the device is 90 days.

User Documentation

For localized versions of this document, and to download the User's Guide, go to www.youjieaidc.com.

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Web Address: www.youjieaidc.com

Product Agency Compliance

Laser Safety Statement

CLASS 1 LASER PRODUCT

This device has been tested in accordance with and complies with IEC60825-1 Ed 2.0.
CAUTION-Laser light when open. DO NOT STARE INTO BEAM.

CAUTION - use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous laser light exposure.

产品有毒有害物质或元素清单						
本产品表面标识的环保使用期限是在正常使用情况下（产品正常使用具体条件请参见产品使用手册）的环保使用期限，下表为产品中含有有毒物质的部件清单：						
部件名称	有毒有害物质或元素					
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上盖	✕	○	○	○	○	○
屏蔽罩	✕	○	○	○	○	○
激光二极管	✕	○	○	○	○	○
VLD 套管	✕	○	○	○	○	○
VLD 枪管	✕	○	○	○	○	○
电源线	✕	○	○	○	○	○
○：该物质在对应元器件中的含量满足 SJ/T 11363-2006 规定的限量要求 ✕：该物质在对应元器件中的含量超出 SJ/T 11363-2006 规定的限量要求						

除上表所示的部件外，以下部件的环保使用期限为 10 年。							环保使用期限
部件名称	有毒有害物质或元素						
	铅	汞	镉	六价铬	多溴联苯	多溴二苯醚	
电源	✕	○	○	○	○	○	**10**
数据线	✕	○	○	○	○	○	
○：该物质在对应元器件中的含量满足 SJ/T 11363-2006 规定的限量要求 ✕：该物质在对应元器件中的含量超出 SJ/T 11363-2006 规定的限量要求							

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