



# GS220

## Bar Code Scanner

### Quick Start Guide

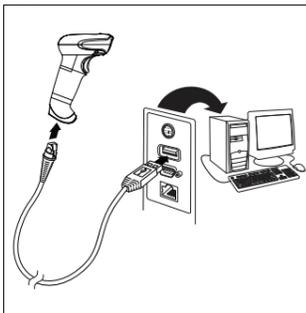
220-QS Rev D  
12/12

### Getting Started

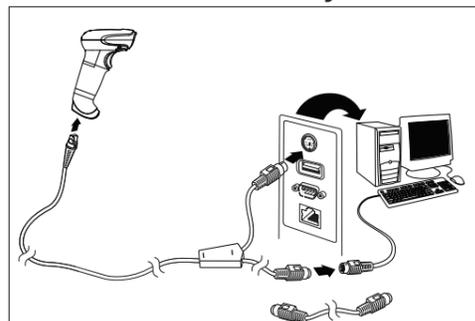
Turn off the computer's power before connecting the scanner, then power up the computer once the scanner is fully connected.

### Connecting the Scanner

#### USB:



#### Keyboard Wedge:



### Reading Techniques



### Recall Defaults

The following bar code resets all standard product default settings.



### Interface Selections

#### USB



#### Keyboard Wedge



### 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.



### 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.



### 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



### Supplements

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



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



### Scan Modes

When you scan **Continuous Blinky Scan** mode, the scanner beam flashes and scans continuously. To enter the mode, scan below codes:

1. Enter/Exit Programming
2. Continuous Blinky\_1
3. Continuous Blinky\_2
4. Continuous Blinky\_3
5. Enter/Exit Programming

To exit from **Continuous Blinky Scan** mode, scan the **Recall Defaults** barcode.



Continuous Blinky\_1



Continuous Blinky\_2



Continuous Blinky\_3



Recall Defaults

### 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.



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



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**.



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



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 #.



### 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 minimum 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.



**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.



### Code Bytes



### ASCII Conversion Chart

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.godexintl.com](http://www.godexintl.com).

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### User Documentation

For localized versions of this document, and to download the User's Guide, go to [www.godexintl.com](http://www.godexintl.com).

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	铅	汞	镉	六价铬	多溴联苯	多溴二苯醚
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。						
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	×	○	○	○	○	○
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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