INTRODUCTION

Features	Benefits
Fast Performance at 100scans/per sec.	Increased productivity resulting in shorter checkout lines and better customer service
Multiple Interfaces On Board	Ensure flexible connectivity,allowing for host "future proofing"
Bright LED and beeper with adjustable volume	Multiple modes of confirmation ensure positive user feedback
Hands-free with stand (Optional)	Enables presentation scanning and easy switching between hands-held and handfree modes
Ergonomic design	Reduces user fatigue with sleek balanced form for maximum comfort and productivity
High-end Appearance Mould	Delicate and Exquisite Appearance bring you the enjoyment of you distinguished
Imported Laser Engine & CK push-button	10,000 hours reliability for the engine , 300,0000 times reliability for the push button
Superb scanning Ability	Enable to scan all the ID bar code , composite component bar code, colorful Bar code, bar code covered by thin film

Why do you choose our products?

1.Maximum Productivity at an Affordable price

Handheld laser bar code scanner form us deliverys performance features at an acceptably affordable price to made you buying decision easier than ever before .From the checkout line to the back room ,our products help you make the most of your application-specific solution in a variety of ways including :Transform your Retail ,Transportation&Logistics and Industrial Application.

2.Transform your Retail ,Transportation&Logistics and Industrial Application

Adding bar code scanning to your application-specific solution is convenient and flexible .You can configure the bar code scanner by scanning the bar code we offer to realize your wanted function in Retail ,Transportation&Logistics and Industry.

3.Create a More Productive Environment

Our handheld scanner offer a host of features at an economical price .Ease of use,performance and affordability combine to provide you with a powerful productivity tool.

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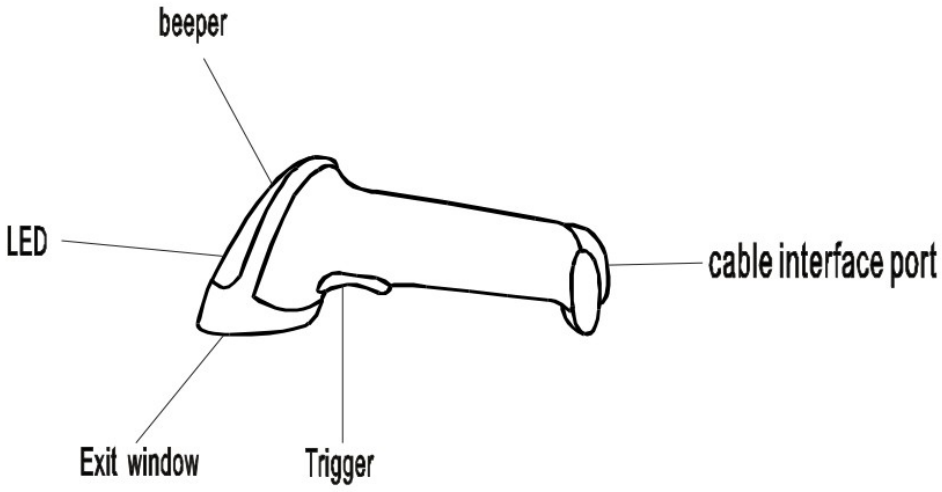
BARCODE SCANNER INTERFACE CABLE INSTALLING AND REMOVING

Appearance:



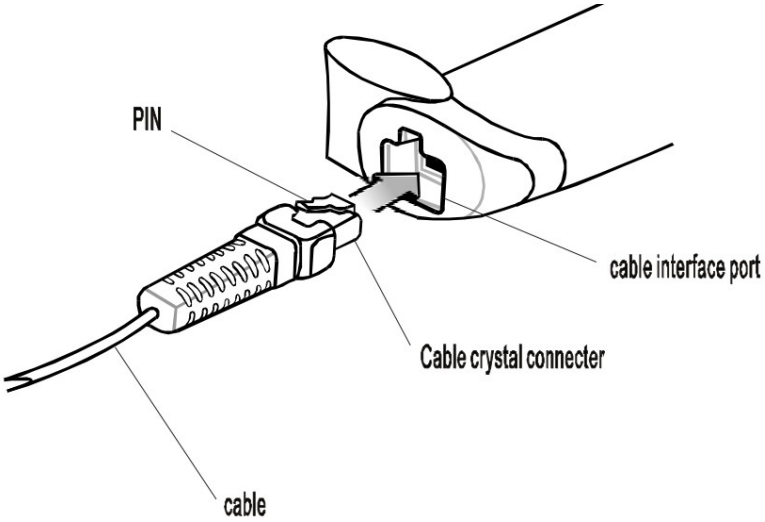
(figure 1)

Installing the interface cable

1.Plug the interface cable modular connector into the cable interface port on the bottom of the scanner handle(see figure2)

2.Gently tug the cable to ensure the connector is property secured

3.Connect the other end of the interface cable to the host



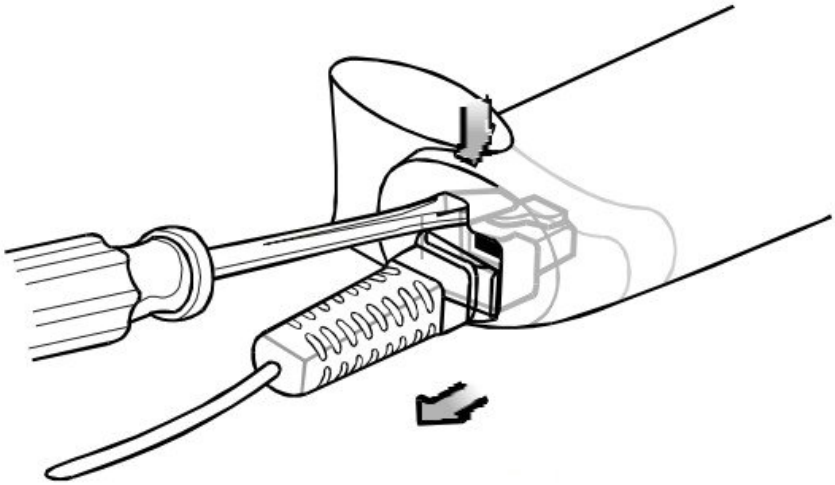
(figure 2)

Removing the interface cable

1.Unplug the installed cable's modular connector by depressing the connector clip with the tip of a screwdriver

2.Carefully slide our the cable

3.Follow the steps for the interface cable on page to connect a new cable



(figure 3)

Cable Connection

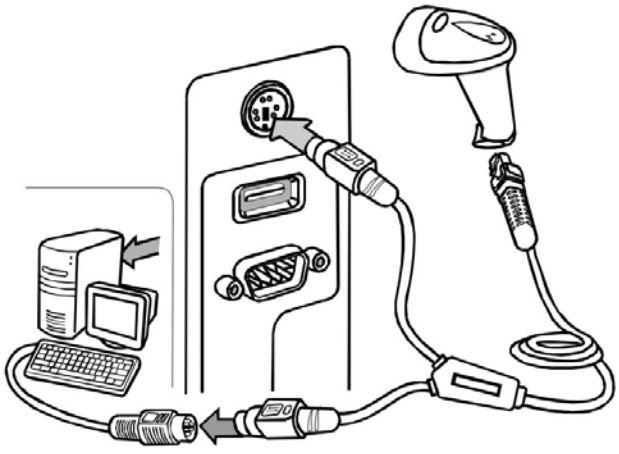
KBW Connection with Y-cable

1.Swich off the host and unplug the keyboard connector

2.Connect the host female DIN keyboard connector of the Y-cable to the keyboard

3.Connect the round made DIN connector of the Y-cable to the keyboard port on the host device

4.Switch on your host system .The buzzer and led of scanner will have the remind signal of all connections are secure



(figure 4)

RS-232 Direct Connection

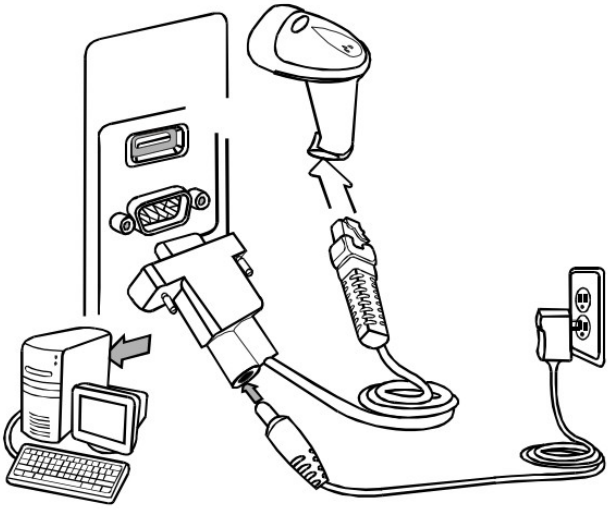
1.Switch off the host

2.Connect the RS-232 interface cable to bottom of the scanner

3.Connect the other end of the interface cable to the serial port on the host

4.If the equipment haven't power supply,please use the 5V power supply to the cable

5.Switch on your host system.The buzzer and led of scanner will have the remind signal if all connections are secure



(figure 5)

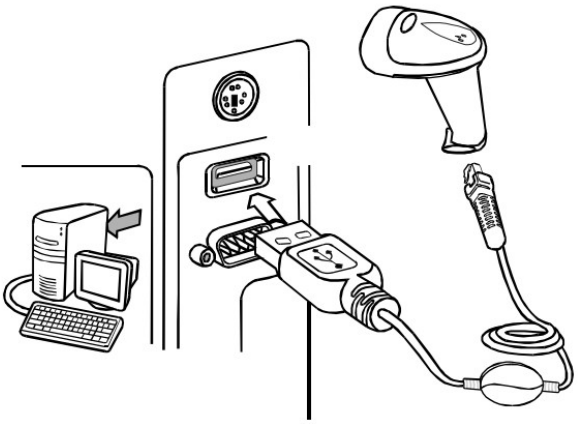
USB connection

1.Connect the USD interface cable to the bottom of the scanner

2.Connect the other end of the interface cable to the host

3.The buzzer and LED of scanner will have the remind signal if all connections are secure

4.Windows will check the USB equipment automatically



(figure 6)

Multiscan Functions

DISPLAY THE VERSION NO

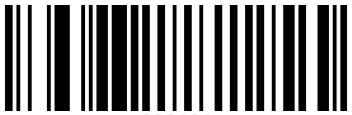
RESTORE TO MANUFACTURER SETTING

OUTPUT MODE

KBW MODE

SERIAL MODE

WAND EMULATION MODE



RESET MODE

BUZZER/LED

MUTE

TURN ON

MEDIUM TONE

POWER MODE

IMAGE SETUP

DECODE OPTIONS REVERSE IMAGE-ENABLE 01391	DECODE OPTIONS REVERSE IMAGE- DISAABLE 01390

ADD CODE ID

BEFORE CLOSE BARCODE TO ADD ID 01400	BEFORE OPEN BARCODE TO ADD ID 01401
AFTER CLOSE BARCODE TO ADD ID 0B140	BEFORE OPEN BARCODE TO ADD ID 01402

SCANNING MODE

LASER/CCD MODE-RESET 013300	LASER/CCD MODE-SINGLE SCAN NO TRIGGER 013301
LASER/CCD MODE-MULTISCAN 013302	LASER/CCD MODE-MULTISCAN NO TRIGGER 013303
LASER/CCD MODE-AUTOMATIC CONTINUOUS SCAN 013304	LASER/CCD MODE-AUTOMATIC TWINKLE 013305

Interface – KBW

PC INPUT MODE

WEDGE MODE-AUTODETECT 000200	WEDGE MODE-SCAN SET2PASS THRU 000204

Transmit Speed

TRANSMIT SPEED – 0

TRANSMIT SPEED – 25

KBW LANGUAGE

KEYBOARD COUNTRY-USA

KEYBOARD COUNTRY-GERMANY

KEYBOARD COUNTRY-FRANCE

KEYBOARD COUNTRY-RESET

Interface – Serial-1

BAUD RATE

2400

4800

9600

19200

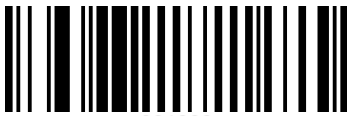
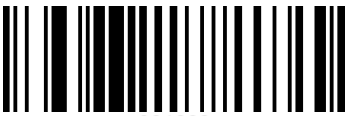
HAND SHAKE PROTOCOL

SERIAL HANDSHAKE-NONE

SERIAL HANDSHAKE-XON/OFF

SERIAL HANDSHAKE-RTS/CTS

SERIAL HANDSHAKE-ACK/NAK

SERIAL HANDSHAKE TIMEOUT-2 SECONDS 0013020	SERIAL HANDSHAKE TIMEOUT-5 SECONDS 0013050
Interface – Serial-2	
DATA BIT	
SERIAL DATA BITS-8 00081	SERIAL DATA BITS -7 00080
END BIT	
SERIAL STOP BITS - 1 00090	SERIAL STOP BITS - 2 00091
PARITY CHECK	
SERIAL PARITY - NONE 001000	SERIAL PARITY - ODD 001001
SERIAL PARITY - EVEN  001002	SERIAL PARITY - MARK  001003
SERIAL PARITY - SPACE 001004	SERIAL PARITY - RESET 0B010
Interface – WAND	
BARCODE 128	

CODE 128 WAND EMULATION - ENABLE 00141	CODE 128 WAND EMULATION - DISABLE 00140
SPEED	
WAND EMULATION SPEED-FASTEST（0） 001500	WAND EMULATION SPEED-SLOWEST（3） 001503
BAR LEVEL	
WAND EMULATION-BAR=1(HIGH) 00161	WAND EMULATION-BAR=0(LOW) 00160
CODE 11	
CODE 11-ENABLE 01261	CODE 11 - DISABLE 01260
CODE 39	
CODE 39 ENABLE 00221	CODE 39 - DISABLE 00220
FULL ASCII ENABLE 00231	FULL ASCⅡ DISABLE 00230
BARCODE On/Off	
CODE 93	
CODE 93 – ON 00621	CODE 93 - OFF 00620

CODE128	
CODE 128 - ON 00691	CODE 128 - OFF 00690
CODE 128 ISBT - ON 00701	CODE 128 ISBT - OFF 00700
CODABAR	
CODABAR - ON 008851	CODABAR - OFF 00850
INTERLEAVED 2 OF 5	
12 OF 5 -ON 00961	12OF5 - OFF 00960
INDUSTRIAL 2 OF 5	
ID2OF5- ON 01061	ID2OF5 - OFF 01060
MSI/PLESSEY	
MSI - ON 01151	MSI - OFF 01150

UPC/EAN	
UPC—A ON 00341	UPC—A OFF 00340
UPC—E ON 00351	UPC—E OFF 00350
EAN—13 ON 00361	EAN—13 OFF 00360
EAN—8 ON 00371	EAN—8 OFF 00370

BARCODE SYBOL Set Up - 1

CODE 11

CODE 11 ID CHARACTER-‘m’ 0131m	CODE 11 ID CHARACTER‘z’ 0131Z
CODE 11 LASER/CCD REDUNDANCY - ENABLE 01321	CODE 11 LASER/CCD REDUNDANCY - DISABLE 01320

CODE 39

CODE 39 SS CHAR - NONE 002700	CODE 39 SS CHAR’+’ 002704

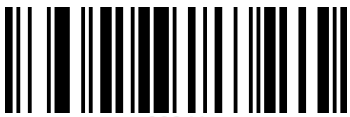
CODE 39 SEND STAR/STOP CHARS ENABLE 00281	CODE 39 SEND START/STOP CHARS DISABLE 00280
CODE 39 ID CHARACTER ‘a’ 0031a	CODE 39 ID CHARACTER‘z’ 0031Z
CODE 39 LASER/CCD REDUNDANCY ENABLE 00331	CODE 39 LASER/CCD REDUNDANCY DISABLE 00330

BARCODE SYBOL Set Up - 2

CODE 93

CODE 93 ID CHARACTER ‘h’ 0066h	CODE 93 ID CHARACTER‘z’ 0066Z
CODE 93 LASER/CCD REDUNDANCY-ENABLE 00681	CODE 93 LASER/CCD REDUNDANCY-DISABLE 00680

CODE 128

CODE 128 ID CHARACTER ‘g’ 0081g	CODE 128 ID CHARACTER‘z’ 0081Z
CODE 128 LASER/CCD REDUNDANCY-ENABLE  00841	CODE 128 LASER/CCD REDUNDANCY- DISABLE 00840

CODABAR	
CODABAR SEND START/STOP CHARS-ENABLE 00861	CODABAR SEND START/STOP CHARS-DISABLE 00860
CODABAR WIDE GAPS ALLOWED-ENABLE 00901	CODABAR WIDE GAPS ALLOWED- DISABLE 00900

BARCODE SYBOL Set Up - 3

CODABAR	
CODABAR ID CHARACTER-k 0094k	CODABAR ID CHARABTER-z 0094Z
CODABAR LASER/CCD REDUNDANCY-ENABLE 00951	CODABAR LASER/CCD REDUNDANCY-DISABLE 00950
Interleaved 2 of 5	
12OF5 ID CHARACTER-i 0104i	12OF5 ID CHARACTER-z 0104Z
12OF5 LASER/CCD REDUNDANCY-ENABLE 01051	CODABAR LASER/CCD REDUNDANCY-DISABLE 01050
Industrial 2 of 5	
ID2OF5 ID CHARACTER-j 0113j	ID2OF5 CHARACTER-z 0113Z

ID2OF5LASER/CCD REDUNDANCY-ENABLE 01141	ID2OF5LASER/CCD REDUNDANCY-DISABLE 01140

BARCODE SYBOL Set Up - 4

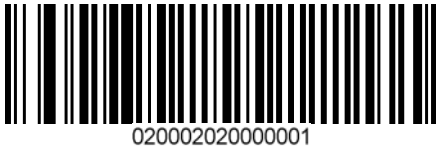
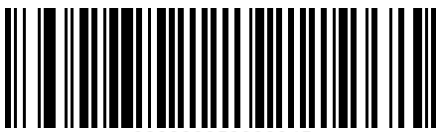
MSI/PLESSEY

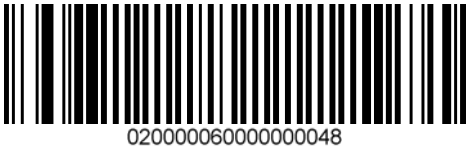
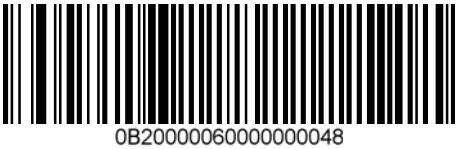
MSI ISBN ID CHARACTER-f 0066h	MSI ISBN ID CHARACTER-z 0053Z
MSI LASER/CCD REDUNDANCY-ENABLE 01251	MSI LASER/CCD REDUNDANCY-DISABLE 01250

UPC/EAN

EXPAND UPC-E TO UPC-A ENABLE 00381	EXPAND UPC-E TO UPC-A DISABLE 00380
EXPAND UPC-A TO EAN-13 ENABLE 00391	EXPAND UPC-ATO EAN-13 DISABLE 00390
CONVERT EAN-13 TO ISBN ENABLE 00481	CONVERT EAN-13 TO ISBN DISABLE 00480

UPC-A ID CHARACTER-b 0049b	UPC-A ID CHARACTER-z 0049Z
BARCODE SYBOL Set Up—5 **UPC/EAN**	
UPC-E ID CHARACTER-c 0050c	UPC-E ID CHARACTER-z 0050Z
EAN-13 ID CHARACTER-e 0051e	EAN-13 ID CHARACTER-z 0051Z
EAN-8 ID CHARACTER -d 0052d	EAN-8 ID CHARACTER -z 0052Z
ISBN ID CHARACTER -f 0053f	ISBN ID CHARACTER -z 0053Z
UPC/EAN SUPPLEMENTS-DISABLE 00550	UPC/EAN SUPPLEMENTS-2DIGIT ONLY 00551

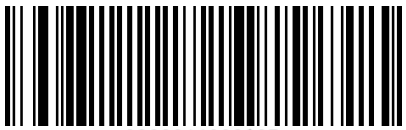
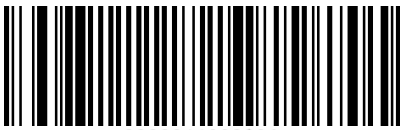
UPC/EAN SUPPLEMENTS-5DIGIT ONLY 00552	UPC/EAN SUPPLEMENTS-2DIGIT ONLY 00553
BARCODE SYBOL Set Up—6 **UPC/EAN**	
UPC/EAN LASER/CCD REDUNDANCY ENABLE 00541	UPC/EAN LASER/CCD REDUNDANCY DISABLE 00540
EDIT SETUP BARCODES	
EDIT #1 – STRIP 1 LEADING CHARACTER ON ALL BARCODES THAT START WITH '12345' 02000101000000100000000112345	EDIT #1- OFF 0B20001
EDIT #2 – STRIP 1 TRAILING CHARACTER  020002020000001	EDIT #2 - OFF 0B20002
EDIT #1 – FILTER LEADING SPACES 020001030000032	EDIT #1 - OFF 0B20001
EDIT #1 – FILTER TRAILING SPACES 020001040000032	EDIT #1 - OFF 0B20001
EDIT – FILTER CHARACTERS  020000050000045	EDIT-DISABLE FILTERING OF ALL CHARS 0B20000050000045

EDIT-INSERT LEADING ZERO  020000060000000048	EDIT- DISABLE INSERT LEADING ZERO  0B20000060000000048

MACRO/SPECIAL KEYS SETUP BARCODES

MACRO #1-FIND'1'AND PRPLACE WITH'ONE' 02010101011ONE	MACRO #1-DISABLED 0B20101
MACRO #2-FIND'2'AND REPLACE WITH 'TWO'FOR CODE 39 ONLY 02010203012TWO	MACRO #2-DISABLED 换 0B20102
MACRO-FIND'0'AND REPLACE WITH'A' 02010001010A	MACRO-FIND'0'AND REPLACE WITH'A'-DISABLE 0B2010001010A
SPECIAL KEY-MAP F3 TO'0' 0162048	SPECIAL KEY-DISABLE F3 KEY MAPPING 0B162
SPECIAL KEY-MAP KEYPAD ENTER TO '2' 0182050	SPECIAL KEY-DISABLE KEYPAD ENTER MAPPING 0B182

TERMINATION STRING SETUP BARCODES

STRING#1-TERMINATION CHAR-CR  0202011000$0D	STRING#1-TERMINATION-LF  0202011000$0A

STRING#1-TERMINATION CR+LF 0202011000$0D$0A	STRING#1-DISABLED 0B20201
STRING#2-CODE128TERMINA TION CHAR-CR 0202021080$0D	STRING#2-CODE 128TERMINATION CHAR-LF 0202021080$0A
STRING#2-CODE128 TERMINATION CHAR-CR+LF 0202021080$0D$0A	STRING#2-CODE 128TERMINATION CHAR-LF 0B20202
STRING-CODE 39 TERMINATION CHAR-TAB 0202001020$09	STRING-CODE39 TERMINATION CHAR-TAB-REMOVED 0B202001020$09
STRING- ALL CODES PREAMBLE-STX 0202002000$02	STRING-ALL CODES POSTAMBLE-ETX 0202003000$03

Using The Advanced Setting Mode To Configure The Bar code Scanner

The scanner can be configured by using the computer keyboard . The scanner must be installed and powered to enter the setting mode. Once the scanner is powered up ,please press and hold the following keys to finish setting

Left-Control ,Caps Lock, Right-Shift ,and Backspace[1]

-or-

Left-Control,F2,Right-Shift,and Backspace[2]

Once you release the keys , the decoder will produce a series of beeps , change the LED to orange and display a message similar to the following on your display:

F1-F10=Options，Use ARROW KEYS to Toggle/Move ,ESC=Exit

To ensure that you have enough space on your command line for the scanner options to be displayed ,we reconnend that you either have your command prompt located at the root directory or you load an editor with a new file. This will allow the scanner to use most of the characters on your computer display , for example,in Windows load ,Windows Write and in OS/2 load the Notepad program

Note : In addition to suing your keyboard to enter Setup Mode you may scan the barcode below

Enter Setup Mode

Note: This page is onlyfor KBW interface reader , never execute any action if you are using RS232 interface reader