

Bar code Decoder

Intelligent Decoder for undecoded Bar code Input Devices

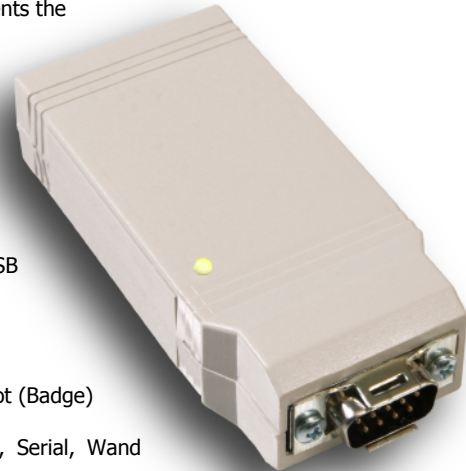
Simple to use and easy to install - no software changes are required. Scanned data appears as if typed from your keyboard. As a keyboard wedge Bar code decoder it features a QuickConnect 9-Pin connector for scanner interface. The Bar code decoder affords price-conscious customers a quality solution for their bar coding needs.

● **Reads all popular Bar code Symbologies**

Introduction

The ID Innovations Incorporated Bar code decoder represents the state of the art in keyboard wedge and bar code decoding. The bar code decoder is based on ID Innovations Incorporated's True Wedge technology. The advances that True Wedge technology provide are found in the enhanced functionality, such as keyboard configurable parameters, self cloning, and auto Caps Lock detection, to ensure the data comes out as it is encoded.

In addition the Bar code decoder is available with a USB interface that can provide additional capability such as a USB Virtual COM port and accelerated keyboard output.



Features

- Works with Wand, CCD, Laser, and Slot (Badge) readers
- Simple installation, Keyboard Wedge, Serial, Wand Emulation, and USB
- Auto-discriminates between Code 39, UPC/EAN/JAN including supplements, Code 128, Code 93, Interleaved 2 of 5, Industrial 2 of 5, CODABAR, MSI/PLESSEY, Code 11 bar code symbologies
- Superior decoding performance compensates for ink spread, ink shrink, and module errors, provides the highest first pass read rates
- **3** year parts and labor warranty
- Easy interactive setup using your keyboard with extensive options for a wide variety of applications - over 180 options
- Supports editing, operations include (Insert, Stripping, Filtering, Convert Case)
- Macro support, replace a string in the bar code with another
- Programmable preamble, postamble, and termination strings
- Good Read/No Read indicators (buzzer and bright tri-color LED)
- Miniature size - can be mounted anywhere

● **Works with the following types of undecoded Bar code devices**



Made in USA

Compatibility and Versatility

- Compatible with Windows Vista/XP Home/XP Professional/2000/Me/98se, Apple OS 8.x+ (USB), Linux
- International keyboard support for 20 different keyboard country layouts
- Wand emulation mode sends bar code data as Code 128 bar codes
- Optional serial converter converts from keyboard wedge to RS-232 interfaces (single and dual RS-232)
- Extended ASCII support for Code 128 bar codes
- Control Library Available for tighter application integration
- Enhanced Mode USB Drivers: Keyboard Accelerator, Virtual-RS232 Driver, HID Technical reference
- Multiple Cabling Options: PS/2-Y, PS/2 Straight, PS/2 Right Angle, 9Pin D-Sub, USB
- PS/2-Y: Keyboard wedge, PS/2 Straight for applications without a keyboard
- Custom firmware, Cable Lengths, Cable Exits available to fit your needs
- Private label versions available with custom part numbers (Protects your relationship with your customers)



PS/2-Y



USB Type A



PS/2 Straight



RS232-25Y

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Bar code Decoder

Specifications

Electrical

Power: 5 VDC \pm 5%
 Operating Current: 20 mA-Standby, 5 mA-Standby (LED Power Save Mode), 60 mA-Operating

Bar code

Symbologies: Code 39, Full ASCII Code 39, UPC-A, UPC-E, EAN-8/JAN-8, EAN-13/JAN-13, Code 128, Interleaved 2 of 5, Industrial 2 of 5, Codabar (w/CLSI), Code 93, MSI/Plessey, Code 11
 Devices Supported: Wand, Laser, CCD, Slot (Badge) Reader and more
 Laser/CCD Modes: Single Scan, Single Scan No Trigger, Multi-Scan, Multi-Scan No Trigger, and Continuous Scan
 Number of Edits: 10 Individual edits (active by symbology, scan direction, bar code length, bar code data)
 Types of Edits: Strip Characters, Filter Characters, Insert Character, Convert to Upper Case, Lower Case
 Number of Macros: 10 (active by symbology and string occurrence)
 Number of Strings: 10 (32 characters in length, active by symbology and scan direction)

Mechanical

Indicators: Tri-colored LED, Extra loud buzzer (for noisier environments)
 Dimensions: 1.65" (41.9 mm) W x 0.90" (22.86 mm) H x 3.75" (95.25 mm) L
 Weight: 4.1 oz (with cable)
 Cable Length: 6' Y Cable for PS/2 and 6' PS/2 Straight cable (custom cable lengths, styles available, no minimum quantities required)
 Connectors: PS/2-Y (Keyboard 6 pin mini-DIN), PS/2 Straight (with Y adaptor), PS/2 Right Angle (with Y adaptor), USB (1', 2', & 6'), 9-pin D-Sub
 Scanner Connector: 9-pin D-Sub with Quick Connect Clip (Can be removed for Thumbscrew applications)
 Mounting Options: Use provided Velcro pads
 Warranty: Three years parts and labor (longer than industry standard warranty)

Environmental

Operating Temperature: 0° to 60° C (32° to 140° F)
 Relative Humidity: 10-90% Non Condensing

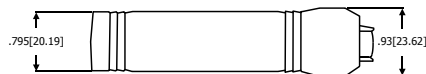
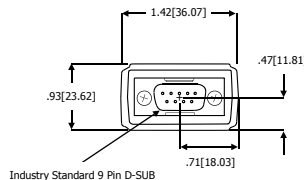
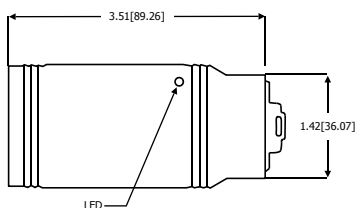
Regulatory

FCC: FCC Class A tested and verified



Free Drivers & Software (downloadable, not required, Windows only)

Accelerated Keyboard Driver: MultiMode USB Equipped Model Only (Also allows for additional data formatting)
 Virtual COM Port Driver: MultiMode USB Equipped Model Only (Also allows for additional data formatting)



DIMENSIONS ARE IN INCHES[MM]

www.IDInnovations.com

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Accessories & Part Numbers

MultiMode USB Adaptor [USB-UA-001]

If you have a keyboard wedge device and you wish to install it on a system with only USB ports, this adaptor is for you. Simply plug the device into the PS/2 port of the adaptor and plug the adaptor into the computer and you are done. Not only does this adaptor work well with ID Innovations' PS/2 devices it works great with PS/2 devices made by other manufacturers as well. In addition, you can program the reader through the adaptor and we have Enhanced Mode drivers available on our website.

RS232-25Y, RS232-9F Serial Converters [RS232-25Y, RS232-9F]

The Bar code decoders have the ability to transmit RS232 data when couple with an ID Innovations RS232 Serial Converter. The serial converter comes complete with power supply and necessary cabling for your implementation.

USB Keyboard Accelerator [usbkbd.exe] (Download free from www.IDInnovations.com)

Unlock the full speed potential of your ID Innovations MultiMode USB product by using this driver. In addition to a speed increase of 300 to 500 % this driver will block all other incoming keyboard keystrokes thus ensuring your data is transmitted without interruption. The most exciting feature of the Keyboard Accelerator is the ability to format and validate the data in any order that your application requires.

USB Virtual COM Driver [usbvcom.exe] (Download free from www.IDInnovations.com)

Do you have an application that will only accept data from a serial RS232 port? With this driver and any ID Innovations USB product we can create a Virtual COM port that your application can use to receive the serial data. In addition, data throughput will increase 300% over standard keyboard output. The latest feature of the Virtual COM port is the ability to format and validate the data in any order that your application requires. No other hardware is required!

Bar code Decoder (Part Numbers)

Cable	Color	Part Numbers
6' PS/2-Y Cable	White	BK-0W4 (BCR-1W)
6' 6 pin Mini DIN Straight	White	BK-0W2-6
2' 6 pin Mini DIN Straight	White	BK-0W3-2
1' 6 pin Mini DIN Straight	White	BK-0W5-1
6' PS/2-Y Cable w/MultiMode Adaptor	White	BK-1W4
6' 6 pin Mini DIN Straight w/MultiMode Adaptor	White	BK-1W2-6
2' 6 pin Mini DIN Straight w/MultiMode Adaptor	White	BK-1W3-2
1' 6 pin Mini DIN Straight w/MultiMode Adaptor	White	BK-1W5-1



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USB-UA-001 PS/2 to USB Adaptor
(Bundled with USB Bar code models)



RS232-25Y Serial Converter



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