

Bar code Slot Reader

Intelligent Bar code Slot Reader

The Bar code Slot reader is a flexible, cost effective solution with advanced data editing options making it ideal for your bar code card reading needs.

● Available in Infra Red and Visible Red models

Introduction

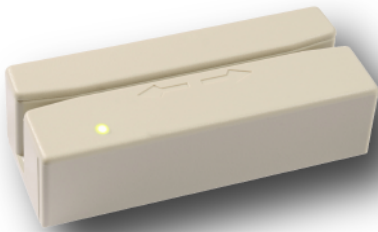
The ID Innovations Bar code Slot Reader is mounted in the same attractive housing as our 100mm line of Magnetic Stripe Readers and can be mounted in the same environments. This Bar code reader is available in Infra Red and Visible Red light emitting elements. This reader features support for over 20 keyboard countries, reads most popular bar codes, provides over 100 configurable options including Macro support, character conversion, character stripping, Filtering and Case conversion. In addition this reader is based upon ID Innovations Incorporated's True Wedge technology which provides enhanced functionality such as self cloning, keyboard configurable parameters, and auto Caps Lock detection to ensure that the data is transmitted as encoded.



Features

- Reads bar coded customer loyalty cards and more
- Interfaces via keyboard port, serial port, wand emulation, and USB
- Auto-discriminates between Code 39, Code 128, and Interleaved 2 of 5 with other decoders available (see part numbers)
- Extended ASCII support for Code 128 bar codes
- 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 100 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)
- Comprehensive user manual, complete with troubleshooting section, table of contents, and index
- Low power operation - decoder receives power from the computer's keyboard interface
- Compact size (100mm) - can be mounted anywhere

● Reads all popular bar code symbologies



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 over 20 different country layouts
- Wand emulation mode sends bar code data as Code 128 bar codes (on some models)
- Optional serial converter converts from keyboard wedge to RS-232 interfaces (single and dual RS-232)
- 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)

www.IDInnovations.com

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PS/2-Y



USB Type A

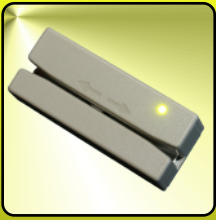


PS/2 Straight



RS232-25Y

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Bar code Slot Reader

Specifications

Electrical

Power: 5 VDC \pm 5%
Operating Current: 29 mA-Standby, 60 mA-Operating, 70 mA-Setup mode

Bar code

Symbologies: Set 1: Code 39, Code 128, Interleaved 2 of 5, Codabar
Set 2: Code 39, UPC/EAN, Code 128
Optics: Infra Red or Visible Red
Number of Edits: 5 Individual edits (active by symbology, scan direction, bar code length & bar code data)
Types of Edits: Strips Characters, Filter Characters, Insert Character, and Convert to Upper and Lower Case
Number of Macros: 5 (active by symbology and string occurrence)
Number of Strings: 5 (32 characters in length, active by symbology and scan direction)

Mechanical

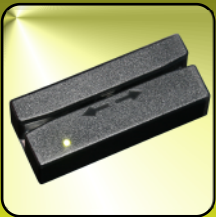
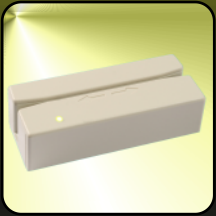
Rail and Cover Life: 1,000,000 passes minimum
Card Slot Width: .065 (1.65 mm) inches, accommodates card thickness ranging from .015 to .060 inches (.38 mm to 1.52 mm)
Warranty: Three years parts and labor (longer than industry standard warranty)
Indicators: Tri-colored LED, Extra loud buzzer (for noisier environments)
Dimensions: 1.67" (42.4 mm) W x 1.08" (27.4 mm) H x 3.98" (101.17 mm) L
Weight: 4.9 oz (with cable)
Cable Length: 6' Y Cable for PS/2, 2' PS/2 Straight Cable, 1' PS/2 Straight Cable, and 1' Right Angle PS/2 Straight Cable (custom cable lengths and bottom cable exit options 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), MultiMode USB Adaptor (with 1', 2', & 6' PS/2 Straight Cable and Y adaptor), 9-pin D-Sub (with RS232-9F)
Mounting Options: Use provided Velcro pads, or can be mounted with 4-40 screws available upon request

Environmental

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

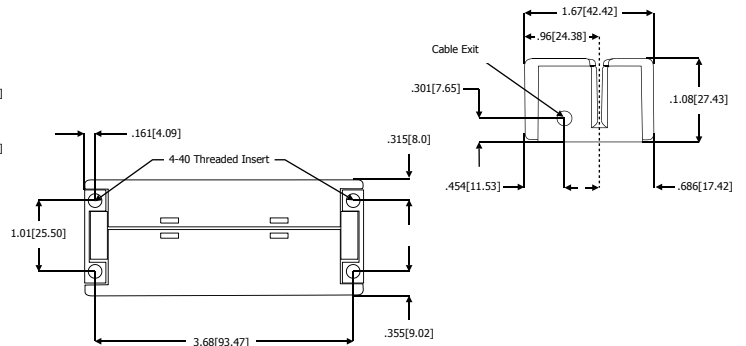
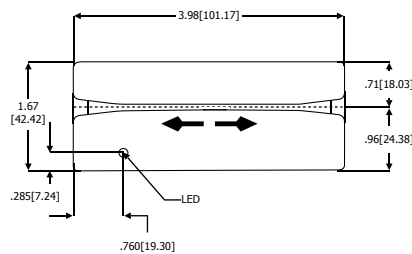
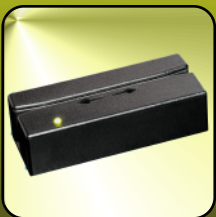
Regulatory

FCC Class A tested and verified



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

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



DIMENSIONS ARE IN INCHES[MM]

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Bar code Slot Reader

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 Slot Reader -(Part Numbers)

Bar code Set1: (Code 39, Code 128, Interleaved 2 of 5, Codabar)

Bar code Set2: (Code 39, UPC/EAN, Code 128)

Cable	Color	Infra Red (Set1)	Visible Red (Set1)	Infra Red (Set 2)	Visible Red (Set 2)
6' PS/2-Y	White	SK-0W47	SK-0W48	SK-0W47-2	SK-0W48-2
6' PS/2-Y	Black	SK-0B47	SK-0B48	SK-0B47-2	SK-0B48-2
6' 6 pin Straight	White	SK-0W27	SK-0W28	SK-0W27-2	SK-0W28-2
6' 6 pin Straight	Black	SK-0B27	SK-0B28	SK-0B27-2	SK-0B28-2
2' 6 pin Straight	White	SK-0W37	SK-0W38	SK-0W37-2	SK-0W38-2
2' 6 pin Straight	Black	SK-0B37	SK-0B38	SK-0B37-2	SK-0B38-2
1' 6 pin Straight	White	SK-0W57	SK-0W58	SK-0W57-2	SK-0W58-2
1' 6 pin Straight	Black	SK-0B57	SK-0B58	SK-0B57-2	SK-0B58-2
1' 6 pin Straight (Right Angle)	Black	SK-0B67	SK-0B68	SK-0B67-2	SK-0B68-2
6' PS/2-Y w/MultiMode USB Adaptor	White	SK-1W47	SK-1W48	SK-1W47-2	SK-1W48-2
6' PS/2-Y w/MultiMode USB Adaptor	Black	SK-1B47	SK-1B48	SK-1B47-2	SK-1B48-2
6' 6 pin Straight w/MultiMode USB Adaptor	White	SK-1W27	SK-1W28	SK-1W27-2	SK-1W28-2
6' 6 pin Straight w/MultiMode USB Adaptor	Black	SK-1B27	SK-1B28	SK-1B27-2	SK-1B28-2
2' 6 pin Straight w/MultiMode USB Adaptor	White	SK-1W37	SK-1W38	SK-1W37-2	SK-1W38-2
2' 6 pin Straight w/MultiMode USB Adaptor	Black	SK-1B37	SK-1B38	SK-1B37-2	SK-1B38-2
1' 6 pin Straight w/MultiMode USB Adaptor	White	SK-1W57	SK-1W58	SK-1W57-2	SK-1W58-2
1' 6 pin Straight w/MultiMode USB Adaptor	Black	SK-1B57	SK-1B58	SK-1B57-2	SK-1B58-2
1' 6 pin Straight (Right Angle) w/MultiMode USB Adaptor	Black	SK-1B67	SK-1B68	SK-1B67-2	SK-1B68-2

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 incorporated
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RS232-25Y Serial Converter



USB-UA-001 PS/2 to USB Adaptor

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