

# 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 reads most popular bar codes and provides over 200 configurable options including Macro support, character conversion, character stripping, Filtering and Case conversion. In addition this reader provides auto Caps Lock detection to ensure that the data is transmitted as encoded.



USB Type A



Micro USB



USB CDC



RS232

## Features

- Reads bar coded badges, customer loyalty cards, gift cards and more
- Supports Bi-directional swiping of cards
- Interfaces via USB and 9Pin D-Sub for RS-232
- Auto-discriminates between Code 39, Code 128, UPC/EAN, ISBN-EAN, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Codabar, Code 93, MSI Plessey, ISBN Plessey, Code 11
- 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
- PC software for ease of programming an extensive set of configurable 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)
- **Visible Red** optics for cards that have a clear laminate over them or none at all
- **Infrared** optics for cards with bar codes that are obscured by a dark security laminate
- Low power operation
- Compact size (100mm) - can be mounted anywhere

● Reads all popular 1D bar code symbologies



Made in USA

## Compatibility and Versatility

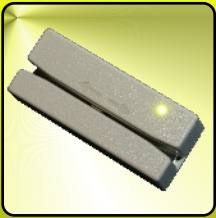
- Compatible with Windows 10/8/7/Vista/XP Home/XP Professional/2000/Me/98se, Apple OS 8.x+ (USB), Linux
- Includes a Universal Mode Keyboard Country output
- Enhanced Mode USB Drivers: Keyboard Accelerator, Virtual-RS-232 Driver, HID Technical reference
- Cabling Options: MultiMode USB and 9Pin D-Sub
- 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](http://www.IDInnovations.com)

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## Specifications

### Electrical

Power: 5 VDC  $\pm$  10%  
Operating Current: 35 mA-Standby, 55 mA-Operating  
Reliability: Brown Out, Low Voltage and Watch Dog Resets ensure continuous operation in less than ideal environments

### Bar code

Symbologies: Code 39, Code 128, UPC/EAN, Bookland-EAN, ISBN (EAN), Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Codabar, Code 93, MSI Plessey, ISBN Plessey, Code 11  
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' USB Cable (custom cable lengths and bottom cable exit options available, no minimum quantities required)  
Connectors: USB, USB Right, Left angles and 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 70° C (32° to 158° F)  
Storage Temperature: -30° to 80° C (-22° to 176° F)  
Relative Humidity: 10-90% Non Condensing  
ESD Immunity: Withstands 8 KV contact & 15 KV air discharge without damage or operational impact

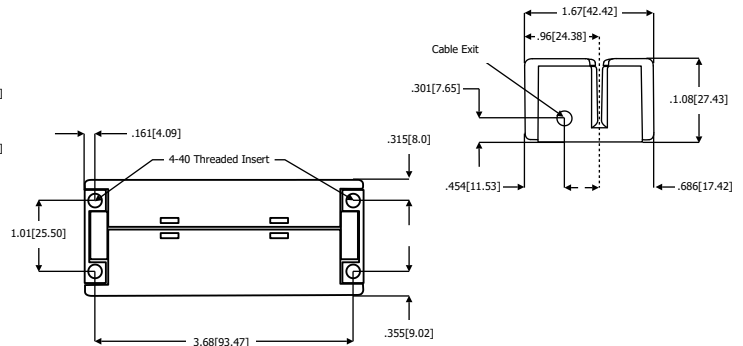
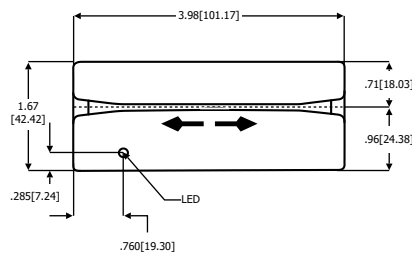
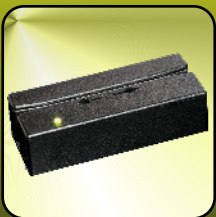
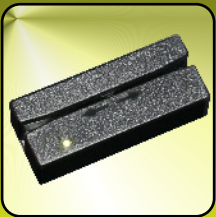
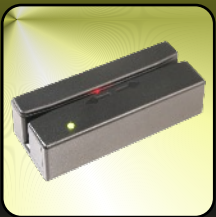
### Regulatory

FCC: FCC Class B tested and verified (X-Series based reader)  
CE: CE tested and verified (X-Series based reader)  
Other: RoHS Compliant (X-Series based reader)  
California Proposition 65 Compliant



### 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

## USB Keyboard Accelerator [usbkbd.exe] (Download free from [www.IDInnovations.com](http://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](http://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!

## MultiMode USB Bar code Slot Reader - (Part Numbers)

Bar code: (Code 39, Code 128, UPC/EAN, Bookland-EAN, ISBN-EAN, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Codabar, Code 93, MSI Plessey, ISBN Plessey, Code 11)

Cable	Color	Infra Red	Visible Red
1' USB Type A	White	SU-W7-1	SU-W8-1
1' USB Type A	Black	SU-B7-1	SU-B8-1
2' USB Type A	White	SU-W7-2	SU-W8-1
2' USB Type A	Black	SU-B7-2	SU-B8-2
6' USB Type A	White	SU-W7-6	SU-W8-6
6' USB Type A	Black	SU-B7-6	SU-B8-6

**ID Innovations**  
I n c o r p o r a t e d

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