

ID Innovations Magnetic Stripe Reader Specification Sheet

- Designed for IBM PC, XT, AT, PS/2, and Compatible Keyboard Interfaces
- Superior keyboard wedge technology allows you to configure the reader using your keyboard - no DIP switches, bar code reader, or software required!
- State-of-the-Art decoding provides the highest first pass read rate!
- Unique cable design works with both 5 and 6 pin keyboard interfaces!
- Interfaces via keyboard port, serial port, wand emulation, or USB!
- The easiest to use, most advanced magnetic stripe reader you can buy



FEATURES

- Single, dual, or triple track versions allow for reading ANSI/ISO and AAMVA format magnetic cards including credit/debit cards and drivers licenses
- Unique cable design works with both 5 pin DIN and 6 pin Mini-DIN keyboard interfaces
- Card data is sent as keystrokes - no software changes are required
- Superior keyboard wedge interface - NOVELL compatible - auto caps lock detection ensures that data always appears on the computer just as it is encoded on the card
- Auto detection of the computer type (PC, XT, AT, PS/2, and compatible keyboard interfaces)
- Full keyboard emulation allows using the reader without the keyboard
- Wand emulation mode sends card data as Code 128 bar codes
- Optional serial converter converts from keyboard wedge to RS-232 interfaces (single and dual RS-232)
- Easy interactive setup using your keyboard - No need to flip switches!
- Extensive setup options and editing capabilities allow you to tailor the reader for your application
- Setup information is saved in non-volatile memory
- Automatically clones setup information to other readers in under 10 seconds - over 300 readers per hour
- International keyboard support for Belgium, Brazil, Canadian-French, Czechoslovakia, Denmark, Finland, France, Germany, Italy, Latin America, Netherlands, Norway, Poland, Portugal, Spain, Sweden, Switzerland, United Kingdom, United States, and a Universal mode
- Good Read/No Read indicators (buzzer and bright tri-color LED)
- Superior reading performance utilizing advanced bit recovery techniques reads cards that other readers cannot read - thereby saving money on credit card processing surcharges
- Wide range of card swipe speeds - fast or slow, even with triple track cards
- Comprehensive user manual, complete with troubleshooting section, table of contents, and index
- Low power operation - reader receives power from the computer's keyboard interface
- Available in black or white
- Miniature size saves valuable space
- Made in USA

OPTIONS AVAILABLE

- Available in Beige and Black colors
- Cabling options: PS2-Y, Straight 6-Pin 6' length, Laptop cabling with programming adaptor, etc
- Barcode Slot reader available for barcoded badge applications using same footprint as MSR
- Custom firmware available for Bar code Slot reader, Decoder, MSR products

- Adaptors available for USB and RS-232 (single and dual RS-232) interfaces

CONFIGURABLE OPTIONS

| | |
|---------------------|--|
| Interface: | Keyboard Country Transmit Speed CTRL/Special Char Delay Send Numerics As Output Mode Serial Baud Rate Serial Data Bits Serial Parity Serial Duplex Serial Data Format Inverted Serial Output Serial Intercharacter Delay Serial Caps Lock Serial Num Lock Wand Emulation Append Mode Wand Emulation Max Segment Size Wand Emulation Segment Output Delay Setup Mode Lockout |
| Magnetic Stripe: | Enable Tracks Require Tracks Data Output Mode Track Output Order Field Output Order Expiration Date Format Send 6 Bit Field Separator '^' As Send 4 Bit Field Separator '=' As Send Track 3 Start Sentinel ';' As Send Track 3 Start Sentinel '%' As Send Start & End Sentinels Send LRC Character Send Hardware Control Characters No Read Output String |
| Editing: | Tracks 1, 2, and 3 Stripping: # Of Leading & Trailing Chars Account Number, Name, and Expiration Date Stripping: # Of Leading & = Trailing Chars |
| Preambles: | Tracks 1, 2, and 3 Preambles Account Number, Name, and Expiration Date Preambles |
| Postambles: | Tracks 1, 2, and 3 Postambles Account Number, Name, and Expiration Date Postambles |
| Termination String: | Termination String Send Termination String |
| Buzzer/LED: | Good Read Beep, Tone, and Duration No Read LED Delay LED Power Save Mode |
| Cloning: | Lockout Cloned Reader Setup Cloning |

HEAD LIFE

300,000 passes minimum

ELECTRICAL

5V @ 70 milliamps MAX (setup mode), 60 milliamps MAX (active), and 25 milliamps MAX (standby)

Receives power from the computer's keyboard port

MECHANICAL

1 5/8" W x 1 1/16"H x 4"L

6' Y-cable assembly with unique adapter for 5 pin DIN and 6 pin Mini-DIN connections

Two Velcro strips included for easy mounting

ENVIRONMENTAL

0 - 60 C operating temperature

10 - 90% relative humidity (non-condensing)

REGULATORY

FCC class A tested and verified

WARRANTY

3 year parts and labor warranty (head wear is not warranted)