

MSR200 Magnetic Stripe Reader

Unitech's Keyboard Wedge and RS232 readers provide a simple and reliable magnetic stripe reading solution for a variety of situations. Our intelligent readers are the right tool for applications such as point of sale, access control, and self-service applications. Known for their reliability, they are easy to install and use.

The MSR200 is available in dual and three track configurations for reading ISO cards and driver's licenses.

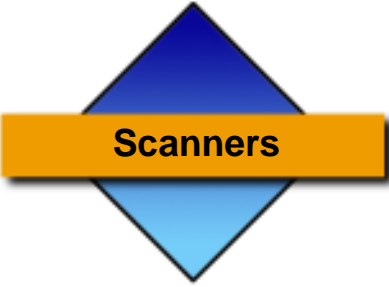
Readers can be attached to most computer keyboards or to any flat surface.

When using the keyboard wedge interface, no programming, software drivers, or external power is required. Just connect the reader to the keyboard and the keyboard port on almost any PC and you're ready to read magnetic stripe cards. Data is read from the card and sent to the PC just as if it were entered from the keyboard. The MSR200 is low-power CMOS, so no external power source is required.

Cards can be swiped and read in both directions. A LED provides feedback to the user indicating ready to read or read error.

Main Features:

- Low power CMOS design.
- Keyboard emulation.
- Bi-directional read capability.
- Conforms to ISO 7811, ANSI x4.16 & AAMVA (Driver Licenses) standards.
- Available with IBM PC XT/AT, PS/2 and RS232 interface.
- Read dual or triple track cards.
- Compact and lightweight enclosure.
- May be mounted on a keyboard or a flat surface.
- Provides feedback by LED and buzzer.



Ordering Information:

MSR200-12	Dual track (tracks 1 & 2), keyboard wedge interface, DIN connector
MSR200-12P	Dual track (tracks 1 & 2), keyboard wedge interface, MiniDIN connector
MSR200-33	Triple track (tracks 1, 2 & 3), keyboard wedge interface, DIN connector
MSR200-33P	Triple track (tracks 1, 2 & 3), keyboard wedge interface, DIN connector
MSR200-12R	Dual track (tracks 1 & 2), RS232 interface, DB9 connector
MSR200-33R	Triple track (tracks 1, 2 & 3), RS232 interface, DB9 connector

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SPECIFICATIONS	
PERFORMANCE:	
Recording Method	Two frequency coherent phase F2F (all tracks), ISO 7811 & AAMVA compatible
Recording Density	Track 1: 210 bpi Track 2: 75 bpi Track 3: 210 bpi
Capacity (ISO)	Track 1: 79 characters (7-bit code) Track 2: 40 characters (5-bit code) Track 3: 107 characters (5-bit code)
Card Operation Speed	Standard Card: 5 - 55 ips Jitter Card (15%): 5 - 50 ips Low Amplitude (60%): 5 - 50 ips
INTERFACE:	
Interfaces Available	PC XT/AT, PS/2, and RS232
Configuration	Setup via DIP switches and keyboard commands
Data Editing	Prefix, suffix, track selection, sentinel and terminator enable/disable
MECHANICAL / ELECTRICAL:	
Dimensions	3.94" x 1.34" x 1.58" (100 x 34 x 40 mm) LxWxH
Weight	10.56 oz.
Head Life	300,000 passes (approximately)
Input voltage	Keyboard interface: None. Power is supplied by the computer RS 232 interface: 5V DC / 20 mA
Cord	Reader to keyboard: 1 ft. (30.5 cm) straight line Reader to computer: 5 ft. (1.5 m) straight line
ENVIRONMENTAL:	
Temperature	Operating: -10° to 50° C Storage: -30° to 70° C
Humidity	0% to 85% RH non condensing