



■ **Magnetic Stripe Reader**

Magnetic stripe readers can be read by any POS software and are generally categorized by the way they read a badge. Swipe readers require that the badge pass completely through the reader. Information is written on the stripe by magnetizing the tiny bars in either a north or south pole direction with a special electromagnetic writer, called an encoder. The magnetic stripe reader reads the information by detecting the changes in the magnetic field caused by the flux reversals on the badge's magnetic stripe.

■ **Bi-Directional**

Swipe in any direction either from left to right or right to left with accuracy and convenience without any difference in readings or limitations.

■ **Up to 500,000 swipes with ISO-conforming cards**

Long life span greater than 500,000 swipes of ISO cards. Never worry about a wearing head, or inaccurate readings because of it. The MSR-100 will last for years and years of accurate readings into your POS system.

■ **USB Powered- no external power supply required**

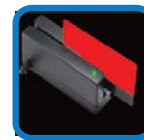
Simply plug directly into your USB device anywhere with no worries about additional power supplies. No extra ports, electrical outlets, cables, or accessories are needed.

■ **Single, Dual, or Three Track Capability**

The MSR-100 magnetic stripe card reader reads up to 3 tracks of data, e.g. decoding/encoding and verifies up to 3 tracks of data simultaneously. So in addition to reading the standard credit card and driver license formats, these readers will read custom formats such as 7-bit encoding on all 3 tracks.



Bi-Directional



Magnetic Strip Reader



Over Half A Million Swipes



Single, Dual or Three Track Capability

Specifications:

- Standard: ISO7810, ISO7811 -1/2/3/4/5
- Internal Electronics Life: 125,000 hours
- Head Life: >500,000
- Swipe Card Speed: 3-50 IPS (10-140cm/s)
- Coercive Force: 300-4000oe
- Magnetic Stripe Density:
 - Track 1 (210BPI with max 79 characters);
 - Track 2 (75BPI with 40 characters);
 - Track 3 (210BPI with max 107 characters)
- Working Current: <50 mA max
- Operating Temperature: 0° C - 55° C (32° F to 131° F)
- Storage Temperature : -30° - 70° C (-22° F - 158° F)
- Working Humidity: 10% - 90%
- Working Voltage: DC +5V ±5%
- Dimensions: 3.5" x 0.75" x 0.75"
- Weight (with cable) : 4.0 oz (0.25 lbs)

Requirements:

Operating System Windows® 2000 / XP / Vista / 8 / 10
Connectivity Interface Available USB Port

Shipping Information:

Item	UPC Code	Package Dimensions	Package Weight	Qty/Carton
MSR-100	783750007306	5.2" x 3.3" x 1.7"	0.25 lbs	20/80

