



Overview

MSE-700 Series is a manual swipe type magstripe card encoder intended for use with a personal computer via the RS-232 or USB connectivity. It reads and writes magstripe cards with coercivity ranging from 300 to 4000 Oersted. Custom data format - 5/6/7BPC 210/75BPI on any track is also available. Moreover, it supports both MSR206 and MSE-630A platforms and is hico/loco configurable.

Features

- MSR206/MSE-630A Dual Platform
- Track 1&2&3, 300 - 4,000 oe Coercively
- Hico/Loco Configurable
- RS-232/USB Two-in-one Connectivity
- One Million Passes Media Life
- Custom Data Format - 5/6/7 BPC 210/75BPI on any track

Electrical	
Power Supply	100~240VAC/24VDC 2.5A (hico/loco model) 5VDC 500mA (loco only model)
Interface	RS-232 (MSR206) - 9600 baud, none parity, 8 data bits RS-232 (MSE-630A) - 9600 baud, odd parity, 7 data bits USB to serial conversion
Current Consumption	350mA (read), 600mA (write)
Interconnections	
Cabling	Detachable RJ45M to DB9F for communications Detachable RJ45M to USB for communications PS/2 power stealer U-cable (loco only model)
Pin Assignment (DB9F)	TXD (2), RXD (3), ground (5), CTS (7), RTS (8)
Mechanical	
Casing	ABS
Swipe	Manual, unidirectional
Dimensions	8.4"Lx2.5"Wx2.5"H (212mm x 3mm x 3mm)
Weight	1.28lbs (0.58kg)
Environmental	
Operating Temperature	0°C~40 C, 20%~90%RH, non-condensing
Storage Temperature	-20°C~70 C, 20%~90%RH, non-condensing
Performance	
Media Life	1,000,000 passes for both read and write heads
Media Speed	5~50IPS (read), 5~30IPS (write)
Media Coercivity	300~4000 Oersted (read), 300~4000 Oersted (write)
Media Thickness	0.010~0.080"(0.25mm~2.03mm)
Low Amplitude Reading	30% (210BPI) or 40% (75BPI) at 10~40IPS
Error Rate	<0.5% (read), <0.75% (write)
MTBF	95,000 hours