

MSR206/MSE-630A Dual Platform

MSE-700 Series



Insist on the Best



Hico/Loco Magstripe Card Encoder

FEATURES

- MSR206/MSE-630A Dual Platform
- Tracks 1&2&3
- 300~4000oe Coercivity
- Hico/loco Configurable
- RS-232/USB Two-in-One Connectivity
- One Million Passes Media Life
- ISO 7811-1/2/3/4/5 & ANSI 4.16 1983 Compliant
- Custom Data Format - 5/6/7BPC 210/75BPI on Any Track
- Raw Data Format
- Intuitive Encoding Utility
- Affordable Acquisition Cost



SPECIFICATIONS

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

Models

MSE-730	Loco only encoder
MSE-750	Hico/Loco commercial grade encoder
MSE-770	Hico/Loco Industrial grade encoder

