

# MSE-630 Series



**TYSSO**®

Insist on the Best

MSE-630



**MSE-630A: Hi-Co/Lo-Co Configurable**

**MSE-630T: Lo-Co Only**

## Hi-Co/Lo-Co and Lo-Co Encoders

Easy-to-Use and Affordable Magstripe Card Reader/Writer

### FEATURES

- Reads & writes all 3 tracks
- Serial (RS-232) or USB interface
- Designed for heavy duty operations
- Minimum 1,000,000 (MSE-630A) & 500,000 (MSE-630T) swipes
- Low acquisition cost
- Bundled with easy-to-use encoding utility
- Software configurable
- Command set for developers
- ISO 7811-1/2/3/4/5 and ANSI 4.16 1983 Compliant
- Custom data format support - 5/6/7 BPC and 75/210 BPI (MSE-630A only)



## SPECIFICATIONS

	<i>MSE-630A (Hi-Co/Lo-Co Configurable)</i>	<i>MSE-630T (Lo-Co Only)</i>
<b>ELECTRICAL</b>		
Power Supply	<u>Power Adapter</u> Input: 100~240VAC Output: 24VDC 2.5A	<u>Power-Kit Cable</u> Input: Keyboard Port Output: 5VDC
Interface	RS-232 or USB	
Current Consumption (Read)	350mA	85mA
Current Consumption (Write)	600mA	280mA
EMC	FCC Class A, CE	
<b>INTERCONNECTIONS</b>		
Cable Length	1.8m RS-232 cable	
	Optional USB adapter cable	
Connector Type	RS-232 DB9F connector with molded 2.1mm power jack	
Durability	1,000,000 passes	500,000 passes
MTBF	95,000 hours	
Swipe Slot Width	2.03mm	
Casing Material	ABS Plastic	
Weight	630g (without cable)	
Dimensions	212.5mmL x 64mmD x 63.5mmH	
<b>PERFORMANCE</b>		
Media Coercivity	300~4000 Oersted (read)	300~4000 Oersted (read)
	300~4000 Oersted (write)	300 Oersted (write)
Media Speed (Read)	5 to 50 IPS	
Media Speed (Write)	5 to 30 IPS	
Media Thickness	0.010~0.080" (0.25mm~2.03mm)	
Record Density (ISO/ANSI)	210 BPI (track 1)	
	75 BPI (track 2)	
	210 BPI (track 3)	
Number of Characters (ISO/ANSI)	Track 1: 76	
	Track 2: 37	
	Track 3: 104	
Error Rate	<0.5% (read), <0.75% (write)	
	(Excludes the media and operator's errors)	
Low Amplitude Reading	30% (210BPI) or 40% (75BPI) at 10~40IPS	
<b>ENVIRONMENTAL</b>		
Operating Temperature	0°C to 40°C	
Storage Temperature	-20°C to 70°C	
Humidity	20% to 90% relative humidity, non-condensing	
Contamination	Sealed to resist airborne particulate contaminants	