Motorized Reader/Writer

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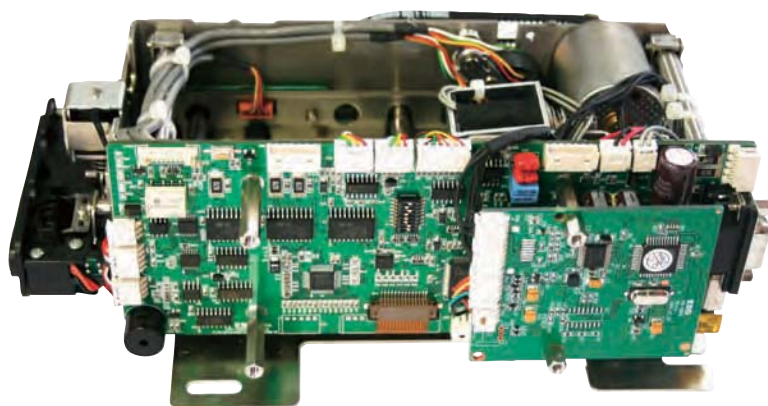
EDM-4000 Series

EDM-4000 is a motorized insertion type of MS & IC card Reader/Writer module with RS-232C interface which encodes/decodes data on triple tracks of MS & IC card in accordance with ISO 7810,7811/7816. This is the high reliable and durable device, and its mechanism offers accurate and efficient card encoding for customer business and their industrial application.

Features

- Mag. stripe card Read/Write
- IC contact card Read/Write
- T=0, T=1 protocol (default) / Customized protocol available
- EMV level 1 / PBOC
- Write LoCo / HiCo
- Electric or mechanical shutter available
- 4 x SAM (option)
- Anti-skimming
- Triple DES Encryption
- Easy to upgrade firmware
- Cycle counting for head, solenoid, flash write
- Motor speed control in case of MS read error
- Serial No. display in test program

Application

- ATM / Cash dispenser
- Vending Machine
- Kiosk (information & payment)
- POS system
- Door lock system
- Parking lot system
- Highway tollgate system

Specification

Card Standard	Magnetic	ISO 7810,7811
	IC	ISO/IEC 7816, SLE4418/28, SLE4442
Power	DC 24V ± 10% (default) / DC 12V ± 10% (option)	
Communication	TTL / RS-232C / USB	
Life Time	Mag. Head	Min. 2,000,000 cycles
	IC contacts	Min. 700,000 contacts
Feeding Speed	300 mm/sec + 10%	
Environment	Operation	5~50°C / 20~90%RH
	Storage	-20~70°C / 0~90%RH
Dimension	129 x 82 x 207 mm	

Model Name Configuration

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K: Not EMV certified E: EMV certified	D: Standard type	R : TTL M: RS-232C 1: RS-232C & USB	Blank: LoCo H: HiCo		4	5: 12V 7: 24V 9: Customized	0: IC only 1: ISO-1 trk 2: ISO-2 trk 3: ISO-3 trk 5: ISO-1&2 trk 6: ISO-2&3 trk 8: ISO-1&2&3 trk	0: Without shutter 1: With electronic shutte 6: With IC Contact 7: With IC Contact + electronic shutter 9: LoCo / HiCo auto selection (W/IC)