Motorized Reader/Writer

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EST-4000 Series

EST-4000 is a motorized slim type MS & IC card Reader/Writer terminal with RS-232C & USB interface which encodes/decodes data on triple tracks of MS and IC card in accordance with ISO 7810,7811/7816.
It has a built-in power supply (free voltage) and LEDs which indicate the status of its operation and the housing was designed slim and it provides high durability and reliability forward to give the impression of a quality product similar to those used on most personal computers.

Features

- Mag. stripe card Read/Write
- IC contact card Read/Write
- T=0, T=1 protocol (default) / Customized protocol available
- EMV level1
- Write LoCo / HiCo
- Anti-skimming
- Triple DES Encryption
- Easy to upgrade firmware
- Cycle counting for head, solenoid, flash write
- Serial No. display in test program

Application

- Door lock system
- Parking lot system
- Highway tollgate system

Specification

Card Standard	Magnetic	ISO 7810,7811
	IC	ISO/IEC 7816, SLE4418/28, SLE4442
Power	AC 110~220V, 50~60Hz	
Communication	RS-232C / USB / LAN	
Life Time	Mag. Head	Min. 2,000,000 cycles
	IC contacts	Min. 700,000 contacts
Feeding Speed	280 mm/sec + 20%	
Environment	Operation	5~50°C / 20~90%RH
	Storage	-20~70°C / 0~90%RH
Dimension	148 x 100 x 225 (mm)	

Model Name Configuration

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K: Not EMV certified E: EMV certified	S: Slim type	T: Terminal	Blank: RS-232C 1: RS-232C & USB 2: RS232C & USB & LAN		4: Read/Write	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: LoCo 1: IC Contact (8pin) + LoCo 2: IC Contact (8pin) + HiCo 3: HiCo 9: LoCo /HiCo auto selection (W/IC)

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