

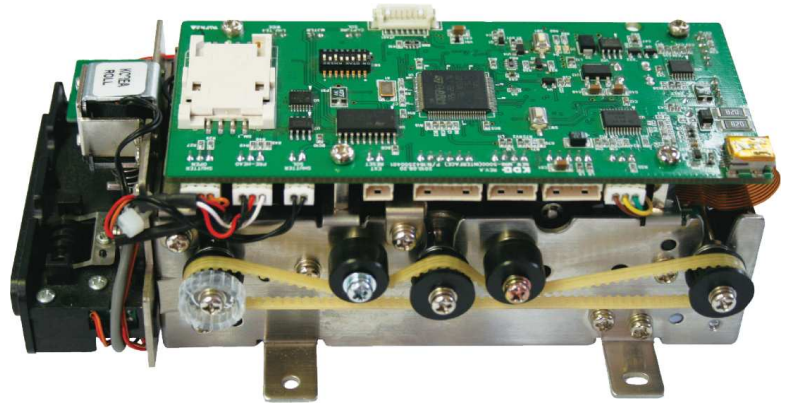
Motorized Reader ESM-5000 Series

Overview:

A compact sized motorized insertion type card reader which provides high reliability and its mechanism which offers accurate and efficient card reading for kiosks, payment systems, parking systems, etc. Its robust design and superior components withstand the most severe operating conditions. Various options provide high flexibility for customers applications.

Features:

- ❖ Cycle Counting for Head, Solenoid, Flash Write
- ❖ Triple DES Encryption
- ❖ Mag Stripe Card Read
- ❖ IC Contact Card Read/Write
- ❖ T=0, T=1 Protocol (default)
Customized Protocol available
- ❖ Easy to Upgrade Firmware
- ❖ Electric Shutter Available
- ❖ EMV Level 1 / PBOC



Applications:

- ATM / Cash Dispenser
- Vending Machine
- Kiosk (information & payment)
- POS System

Technical Specifications:

Card Standard	Magnetic – ISO-7810, 7811; IC – ISO/IEC-7816-3: 1997
Power	DC 24V \pm 10%
Communication	TTL / RS-232C / USB
Life Time	Mag Head: Min. 500,000 cycles; IC Contacts: Min. 700,000 contacts
Feeding Speed	350 mm/sec. + 20%
Environment	Operation: 5 ~ 50°C / 20 ~ 90% RH; Storage: -20 ~ 70°C / 0 ~ 90% RH
Dimensions	90 x 66 x 163 mm