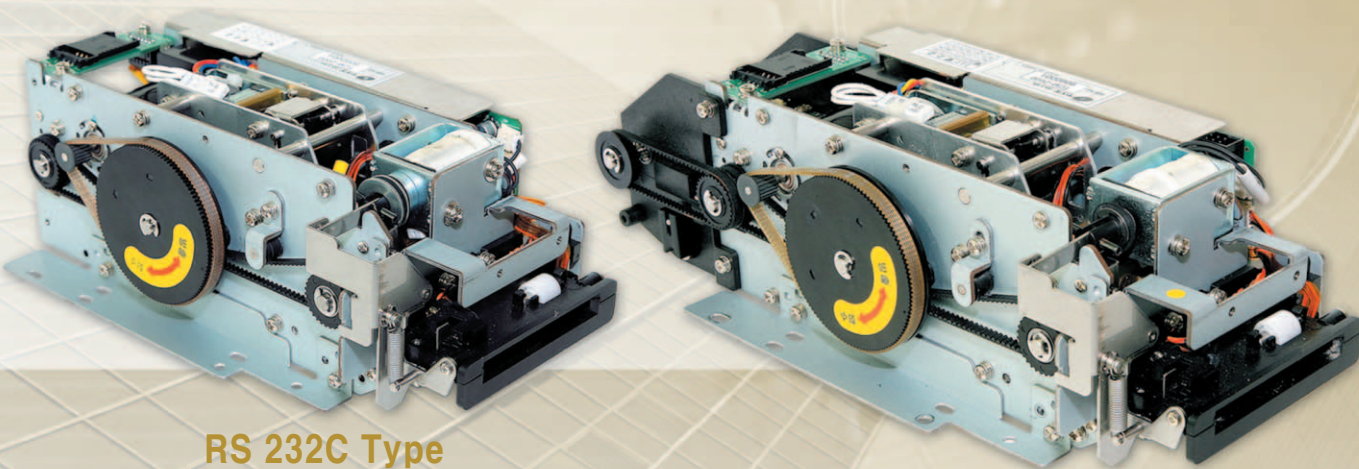


Motor Driven Card Reader/Writer TCM-2000

Magnetic Stripe and Contact IC Card Reader & Writer



RS 232C Type

Option : Shutter (Pre-Head)

TTL Type

Option : Shutter (Pre-Head), Scanner

► Common Features

- ▶ High reliability and durability
- ▶ ISO standards compliant for chip card protocol handling
- ▶ Triple, side track read/write capability
- ▶ Compact size and light weight ease installation in any terminal
- ▶ User-selectable bit recording densities of 75bpi and 210bpi
- ▶ Hico/Loco write capable
- ▶ EMV 2000 Ver. 4.0 type approved
- ▶ RS-232C / TTL interface
- ▶ Low Amplitude MS Card Readable
- ▶ Mechanism for warped card handling
- ▶ Triple DES
- ▶ Anti-Skimming

► Application

- ▶ ATM/CD, Kiosk terminals, Retail POS terminals, Access control terminals, Other ID terminals.

► General Specification

CARD FORMAT	ISO 7810
MS	SO 7811(Track1, Track2, Track3)
	Read & Write Capable
	HiCo/LoCo Capable F2F Reading Method
	Head Life : 4,000,000 pass
IC	ISO 7816
	EMV Level 1(EMV 2000 Ver. 4.0 type) Certified
	Contact Landing Type
	IC contact Life : 1,000,000 contacts
FEED SPEED	400mm/sec ± 10%
MS HEAD TRACK WIDTH	Read Track Width : 1.0mm
	Write Track Width : 3.0mm
SHUTTER	Default : Sensor Only
	Option : MS Head (Pre-Head)
INTERFACE	RS-232C / TTL
POWER	DC 24V/2A ± 10%, 2A +5Vdc ± 10%
	Ripple : Less than 200m Vp-p (24V DC) Less than 100m Vp-p (5V DC)
WEIGHT	1.6KG
DIMENTION	212mm(L) X 108(W) X 76mm(H)
	Operating Temperature : 5~40°C
	Operating Humidity : 30 ~45 RH
	Storage Temperature : -20~60°C
ENVIRONMENT CONDITION	Storage Temperature : -20~60°C
	Storage Humidity : 10~95RH

► Drawing

