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# *Magnetic Stripe Card Reader/Writer*

## **SERIES 7140**

### **RELIABLE AND VERSATILE**

Model 7140 is a manual swipe magnetic stripe card reader/writer designed for reading and encoding cards, badges, tickets and passbooks.

It has the capability of reading and writing functions on all ISO standard single-track, dual-track, triple-track and IBM 4700 format. Its reliability and versatility make it suitable for almost any OEM applications.



**7140**

- Capable of reading/writing both ISO standard and IBM 4700 format
- Communication with computer via RS232C interface
- Standard version with 300 Oersted and optional version with 4000 Oersted (Hi-Co)
- Both DOS and WINDOWS based utility program is provided as standard package

# SPECIFICATIONS

## READ/WRITE CAPABILITIES

- ISO single-track: track 1, track 2, track3
- ISO dual-track: tracks 1&2, tracks 2&3
- ISO triple-track: tracks 1&2&3
- IBM 4700 format (Passbook)

## CARD READING/WRITING SPEED

- 7.5 - 125 cm/sec

## MEDIA THICKNESS

- 0.25 - 0.80 mm (0.01" - 0.31") typical

## MAGNETIC HEAD LIFE

- 300,000 Passes

## COERCIVITY

- Model 7140: 300 O.E. (lo-co)
- Model 7140H: 4000 O.E. (hi-co)

## STATUS INDICATOR

- Triple-color LED for status indication

## SYSTEM INTERFACE

- Rs232C interface with DB9F connector

## POWER REQUIREMENTS

- Model 7140: +12V DC
- Model 7140H: +24V DC

## POWER CONSUMPTION

- During operation: 300 mA (max.)
- Idle status: 60 mA

## PHYSICAL

- Dimensions: 220 (L) x 60.9 (W) x 55.9 (H)mm (8.7" x 2.4" x 2.2")
- Weight: 1.59 Kg (3.5 lb)

## POWER REQUIREMENTS

- 9VAC via adaptor from 120/220V power supply

## PHYSICAL

- Dimension: 177 (L) x 162 (W) x 47 (H) mm
- Weight: 700 g

## ENVIRONMENTAL

- Operating temperature: 0°C - 40°C
- Storage temperature: -20°C - 60°C
- Humidity: 10% - 90% RH (non-condensing)

