



### Magnetic Card Reader/Writer

The MSRE106 is a magnetic card writer for reading and encoding magnetic cards according to ISO standard. Can read all 3 tracks Hi-co and Lo-co(300-4000 Oe) magnetic cards, write all 3 tracks Lo-co(300-600 Oe) magnetic cards. Connect the device to the RS232 interface of your PC and access it by using serial command under any operating system. It can write all three tracks on Lo-co magnetic cards and read all three tracks on Lo-co/Hi-co magnetic cards, and also process all commercial card types (such as credit cards, EC cards, employee or Member cards, cards for customer retention systems, etc.).

The MSRE106 reads and writes using an especially safe two-head method: The first magnetic head writes data on the card while the second head verifies the data. The device encodes all three ISO standard tracks using this method.

The MSRE106 is an excellent choice for the issue of internal member and stored value cards, access and time clock applications, or for the design of your own customer retention systems. The device uses the so-called LoCo process with 300-600 Oerstedt to encode the magnetic cards, and read 300-4000 Oerstedt magnetic cards.

An external adapter for power supply is not required, as the device receives the necessary power through the adapter cable from the keyboard interface of your PC. The sturdy housing, easy integration into existing system and the reliable two-head read/write process make the MSRE106 the perfect choice for all applications that require reading and writing of magnetic cards

### Specifications

Connection	RS232	Reading current	≤85mA
Power Requirement	+5V (from PS/2)	Writing current	≤150mA
Coercivity	Read 300-4000 Oe MagCard Write 300-600 Oe Mag Card	Speed of pulling card	10cm/s~120cm/s
Media Width	0,25 to 1,2 mm	Weight	0.75 kg
Status Indicator	Triple color LED and buzzer	Humidity	20~90%RH
Magnetic Head Life	more than 1,200000 swipes	Work circumstance	Temperature 0℃~40℃
Number of characters recording	Track 1: 76 Alphanumeric characters Track 2: 37 numeric characters Track 2: 104 numeric characters	Density of recorder	NO.1 track 210BPI NO.2 track 75BPI/210BPI NO.3 track 210BPI
Software	DOS and Windows tools included	Track 2 at 210 bpi for Pass Book	
Dimensions	220 x 61 x 51 mm (L x W x H)		
Standard of reading and writing	ISO7810/7811~1-5; IBM		
Readable Cards	ISO Standard, Track 1, 2 & 3		