<u>MSRE206 MAGNETIC STRIP READER/WRITER SERIES (Compatible with MSR206)</u>

General

Manual Swipe Magnetic Card Reader/Writer MSRE206

Series is designed to offer a card reading/writing

Solution for ISO 7811-6 formats.

It reads and writes up to 3 tracks of data, e.g. decoding/encoding and verifying up to 3 tracks of data simultaneously.

Provides a standard RS-232 interface or USB to communicate with a host system or other terminal computers.

Multiple Applications

Manual Swipe Magnetic Card Reader/Writer MSRE206

Series is ideal for credit card verification and various card related applications.

Robust Construction

The MSRE206 is manufactured at our ISO 9001-2000 certified factory.

Features:

a.   Reading/writing magnetic stripe cards complies with ISO 7811 / 1~6 formats Manual Swipe to read and/or write cards with PC standard RS-232 interface

b.   Read/Write High and Low Coercive force of magnetic stripe (300~4000Oe)

c.   5~35ips operational swipe speed of writing data

d.   5~55ips operational swipe speed of reading data

e.   +24VDC+/-10%, 2.5A Max., external power adapter attached

f.   Writing and verifying data on single, dual, or triple track in one swipe

g.   Programming software included for various read/write applications

h.   Program software for DOS and Windows 98/Me

i.   High/Low Coercivity encoding circuitry selectable on screen

j.   Programmable leading bit, raw data, DMV/AAMVA, and user defined format

k.   Compact size with dimensions of 210(L) x 62(W) x65(H) mm

MSRE206 Specifications

Electrical

Operating voltage: +24VDC +/- 5%

Consumption: Typical 350mA Max. and 600mA plus for each writing track

Power Supply: External Power Adapter 24 V/2.5A

Communication: Standard RS232 signal levels or USB2.0

Ripple: 50mVp-p or less

Dielectric strength: 500VDC for 1 minute

Mechanical

Dimension (L*W*H):210*62*65 MM

Weight: Approx. 1.5kg

Swipe: Manual, single direction

Ordering Information

MSRE206-44 Dual track (track I & II) MSR encoder

MSRE206-55 Dual track (track II & III) MSR encoder

MSRE206-66 Triple track (track 1, II, & III) MSR encoder

Interconnection

Cable: 5 feet, DB9

MSRE206 MAGNETIC STRIP READER/WRITER SERIES (Compatible with MSR206)

Pin Assignment: Pin 1 Shield

Pin 2 TXD (MSRE206 data transmit)

Pin 3 RXD (MSRE206 data receive)

Pin 4 ---

Pin 5 Circuit ground

Pin 6 ---

Pin 7 ---

Pin 8 ---

Pin 9 ---

Default: 9600 baud, 8 bit/character, no parity, 1 stop bit

Environmental

Operation: 0° to 50° C, 15 to 85% humidity

Storage: -30° to 70° C, 10 to 90% humidity

Read card: Track 1 Track 2 Track 3

Bit density: 210 bpi 75/210 bpi 210 bpi

Coercive force: Read/Write 300-4000 Oe Mag. card

Card thickness: 0.76-1.2mm

Performance

Read speed: STD card Jitter +/- 15% Amp. 60%

5~55ips 5~50ips 5~50ips

Write speed: 5~30ips

Write jitter: Interval < +/-10%, Sub-interval < +/-12%

Head life: Min. 500K swipes for both read/write head

Picture