

MSR206U

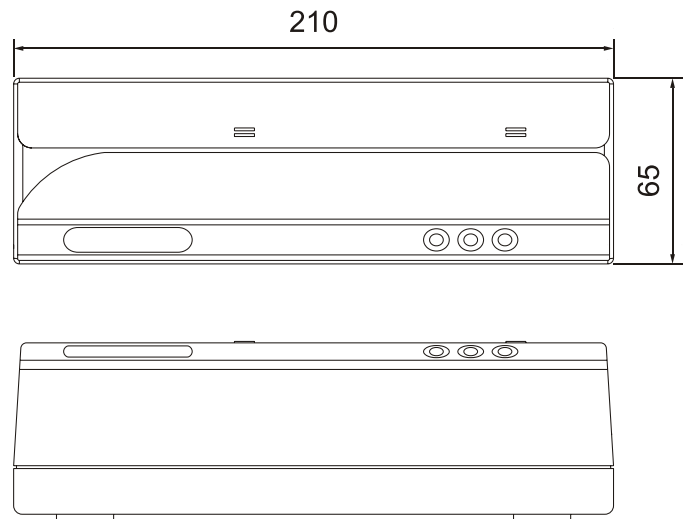
Read and Write Magnetic Stripe Device



The UIC MSR206U magnetic stripe reader and writer conforms to ISO 7811 1 to 6 formats. It reads and writes up to 3 tracks of data (i.e. decoding/ encoding and verifying data) simultaneously and achieves this in one swipe for single, dual or triple tracks. It writes high or high & low coercivity with magnetic stripes (300-4000 Oe).

Features and Benefits

- Read/write magnetic stripe cards conform to ISO 7811/1-6
- Read/write high & low coercivity magnetic stripes (300 - 4000Oe)
- Write and verify data simultaneously in one swipe for single, dual or triple track
- Manual swipe read/write with RS-232 or USB interface
- Write high or low coercivity magnetic stripes
- Programmable data format
- CE, FCC certified



MSR206U

Read and Write Magnetic Stripe Device

It comes with full featured utility demo program and supports programmable data format. The MSR206U is ideal for card verification and various card related applications. It is highly reliable, specified for minimum one million read and write head swipes. It fully conforms to FCC and CE standards.

Specifications

MECHANICAL

Body Material:	ABS 94V-0
Dimensions:	210L x 65W x 60H mm
Weight:	Approx. 1.5kg
Card Handling Method:	Manual swipe, uni-directional

ENVIRONMENTAL

Operating Temperature:	-10°C to +55°C
Storage Temperature:	-30°C to +70°C
Operating Humidity:	10% to 85%
Storage Humidity:	10% to 90%

AGENCY APPROVAL

FCC class B, CE class B

INTERFACES

RS232, USB

ELECTRICAL

Power Requirement:	+24VDC±5%
Power Consumption:	2A max 600mA plus for each writing track
Power supply:	External power adapter 24V/2.5A

PERFORMANCE

Read Card Format	Track 1: Bit Density 210 bpi Track 2: Bit Density 75/210 bpi Track 3: Bit Density 210 bpi
Coercivity:	Read 300~4000 Oe Magnetic stripe
Test Card Types	Standard card: 4~40 ips Jitter±15%: 5~35 ips Amp.60%: 5~35 ips
Write Speed:	5~30 ips
Write Jitter:	Interval < ±10%, sub-interval < ±12%
Card Thickness:	0.76 mm to 1.2 mm
Error Rate:	Read < 0.5%, Write < 0.8%
Magnetic Head Life:	Min. 1000K Swipes for both read/write head



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