

Magnetic Reader /Writer

MRW-110



Features

Reading/Writing magnetic stripe card complied with ISO formats

Reading/Writing Drivers Licenses

Read/Write High & Low Coercive (300~4000Oe)

High/Low Coercivity encoding circuitry selectable on screen

Manual Swipe to read and/or write card with RS-232 /USB output

Programming software for various read/write performance

Sequential write function, up to 12 digits (1 up)

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

+24VDC, 2.5A Max external power adapter attached



Specification

Electrical

Power requirements:	+24VDC +/- 5%
Consumption:	Typical 350mA Max. 600mA plus for each writing track
Power supply:	External switching power 24V/2.5A
Communication:	USB Interface
Ripple:	50MVP-p or less
Dielectric strength:	500 VDC for 1 minute

Performance

Bit per density	210 bpi 75/210bpi 210 bpi
Read card	Track1 Track2 Track3
Coercive force	Read/write 300-4000 oe Mag. Card
Card thickness	0.76-1.2mm
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%
Error rate:	Read < 0.5%; Write < 0.8%
Head life:	Min. 1000K swipes for both read/write head

Mechanical

Body material:	ABS 94V-0
Weight:	Approx. 1.4kg
Dimension:	212L x 64W x 63H mm D
Dimensions of Box	290(L) x 180(W) x 100(H) mm
Swipe:	Manual, single direction

Environments

Operation:	-10 to 55° C, 10 to 85% humidity
Storage:	-30 to 70° C, 10 to 90% humidity

Software

Program software	Windows 98/Me/XP /Vista
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• Note: All features and specifications are subject to change without notice.
All information subject to mistakes and alteration.