Magnetic stripe reader/writer Lo Co **Uniform MSR 106**

Magnetic stripe manual swipe reader/writer. It reads high and low coercivity and writes low coercivity. RS-232 connection. Demo software for Windows 95, 98, NT, 2000.

- Read/write magnetic stripe cards conform ISO 7811.
- Read/write magnetic stripe passbook conforms to ISO 8484.
- Manual swipe read/write with RS-232 interface.
- Read high or low coercivity (300-4.000 oe).
- Write low coercivity magnetic stripes (300-600 oe).
- Write and verify data simultaneously in 1, 2 or 3 tracks.
- Full featured demo software, Windows 95/ 98/ NT/ 2000.
- ASCII commands through RS-232 interface.
- CE, FCC, UL,cUL certified.

Specification

Electrical	
Power require	+9VDC +/-10%
Consumption	Typical 150 mA Max., 150mA plus for each writing track.
Power supply	External power adapter 9V/1.0A
Communication	Standard RS-232 signal levels
Ripple	50mVp-p or less
Dielectric strength	500 VDC for 1 minute
Mechanical	
Body material	PC P4V-0
Weight	Approx. 1 Kg.
Dimension	200.4L x 60.4An x 55.7H mm.
Swipe	Manual, single direction
Aggency approv.	
Rating	FCC class B, CE class B, UL, cUL
Environment	
Operation	-10 to 55 ºC, 10 to 85% humidity
Storage	-30 to 70 ºC, 10 to 90% humidity

Performance			
Read card	Track 1	Track 2	Track 3
Bit per density	210 bpi	75/210 bpi	210 bpi
	Read/write track2 at 210 bpi Pass Book		
Read speed	STD card	Jitter+/-15%	Amp.60%
	5~55ips	5~50ips	5~50ips
Write speed	5-35ips		
Write Jitter	Interval<+/-8%,Sub-interv<+/-10%		
Coercivity force	Read 300-4.000 oe Mag. card		
	Write 300-600 oe Mag. card		
Card thickness	0.76 - 1.2 mm		
Error rate	Read<0.5%, Write <0.8%		
Head life	Min.500K swipes for both read/write heads		

Models

Model	Track			media	
	1	2	3	Card	Pass Book
MSR106-02	-	R/W	-	R/W	-
MSR106-02P	-	R/W	-	-	R/W
MSR106-23	-	R/W	R/W	R/W	-
MSR106-23P	-	R/W	R/W	-	R/W
MSR106-123	R/W	R/W	R/W	R/W	-
MSR106-12	R/W	R/W	-	R/W	-

Interconnection

Cable	1,5 m, DB9 connector
Pin assigment	
1	-
2	TXD (data transmit)
3	RXD (data receive)
4,6,7,8,9	-
5	Circuit ground
Default: 9600, 8 bit character, none parity, 1 stop bit	