Magnetic Stripe Reader Keyboard Interface

MSR200 Series

- Read magnetic stripe cards conform to ISO 7811,CA DMV & AAMVA standards
- Manual swipe, bi-directional with keyboard interface
- Available in single, dual or triple track configuration
- Read high & low coercivity magnetic stripes (300-4000oe)
- PC XT/AT & PS/2 compatible connection
- Compact size, easily mounted on keyboard or any flat surface
- Programmable output data format
- Audible beeper and LED to indicate read status
- CE, FCC, UL, cUL certified

Specification

Electrical	
Power require	+5VDC +/-10%
Consumption	35mA Max.
Communication	Keyboard simulated interface
Power supply	From PC
Ripple	50mVp-p or less
Dielectric strength	500VDC for 1 minute
Mechanical	
Body Material	ABS 94V-0
Weight	Approx. 200g
Dimension	100Lx34Wx40H mm
Swipe	Manual, Bi-direction
Environment	
Operation	-10 to 50, 10 to 85% humidity
Storage	-30 to 70. 10 to 90% humidity
Agency Approval	
Rating	FCC A , CE Class B ,
Performance	

Read card	Track 1	Track 2	Track 3
Bit density	210 bpi	75 bpi	210 bpi
Coercive force	Read 300-4000 oe Magnetic Stripe		
Read speed	STD card	Jitter +/-15%	Amp. 60%
	5~55ips	5~50ips	5~50ips
Card thickness	0.76-1.2mm		
Read error rate	< 0.5%		
Head life	Min.300K swipes,500K,1M optional		

Model Configuration

Model	Track			Connector	
	1	2	3	DIN5(BA)	DIN6(BC)
MSR200-02BA(or BC)	--	R	--	E	E
MSR200-12BA(or BC)	R	R	--	E	E
MSR200-23BA(or BC)		R	R	E	E
MSR200-33BA(or BC)	R	R	R	E	E

Interconnection

Cable	5 Feet, from reader to PC
	1 Feet, from reader to KB

PIN Assignment

PIN	DIN 5 for AT/XT	Mini DIN 6 for PS/2
1	Clock	Data
2	Data	--
3	--	Ground
4	Ground	VCC
5	VCC	Clock
6		--