

Magnetic Stripe Reader/Writer



MSR106 Series

- Read/write magnetic stripe cards conform to ISO 7811
- Read/write magnetic stripe passbook conform to ISO 8484
- Manual swipe read/write with RS-232 interface
- Read high or low coercivity magnetic stripes (300-4000oe)
- Write low coercivity magnetic stripes (300-600oe)
- Write and verify data simultaneously in one swipe single, dual or triple tracks
- Full featured WIN95/98/2000 utility Demo program
- Programmable data format
- CE, FCC, UL. cUL certified

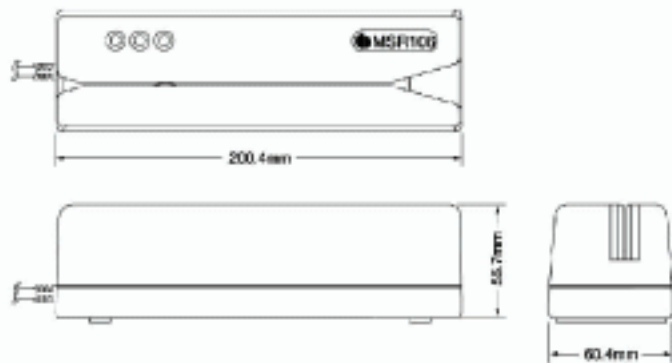


MSR206 Series

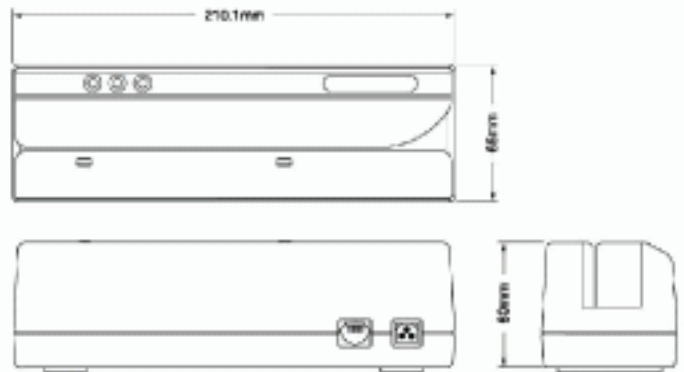
- Read/write magnetic stripe cards conform to ISO 7811/1-6
- Read/write high & low coercivity magnetic stripes (300-4000oe)
- Write and verify data simultaneously in one swipe single, dual or triple tracks
- Manual swipe read/write with RS-232 interface
- Write high or high & low coercivity magnetic stripes
- Full featured WIN3.1/95/98 utility Demo program
- Programmable data format
- CE, FCC, UL. cUL certified

Magnetic Stripe Reader/Writer

MSR106



MSR206



MSR106 Series Specification			
Electrical			
Power Requirs	+5VDC \pm 10%		
Consumption	Typical 100mA Max. 100mA plus for each writing track		
Power supply	External power adapter 5W/1.0A		
Communication	Standard RS232		
Mechanical			
Body Material	PC 94V-0		
Weight	Approx. 1kg		
Dimension	200.4x60.4x55.7mm		
Swipe	Manual, single direction		
Environment			
Operating	-10 to 55°C, 10 to 85% humidity		
Storage	-30 to 70°C, 10 to 90% humidity		
Agency approval			
Rating	FCC class B, CE class B, UL, cUL		
Performance			
Read card	Track1	Track2	Track3
Bit: predensity	210 lpi	75/210lpi	210 lpi
	Read/Write Track2 at 210 lpi for Pass Book		
Coercive force	Read 300-400 Oe Mag. card Write 300-600 Oe Mag. card		
Card thickness	0.76-1.2mm		
Read speed	STD card	jitter \pm 10%	Amico90%
	5-55 ps	5-50ps	5-50ps
Write speed	5-30ps		
Write jitter	Interval: \pm 8%, Sub-interval: \pm 10%		
Error rate	Read < 0.5%		
	Read < 0.5%		
Head life	Min. 500K swipes for both read/write head		

MSR206 Series Specification			
Electrical			
Power Requirs	+24VDC \pm 5%		
Consumption	Typical 350mA Max. 600mA plus for each writing track		
Power supply	External switching power 24V/2.5A		
Communication	Standard RS232 signal levels		
Mechanical			
Body Material	ABS 94V-0		
Weight	Approx. 1.5kg		
Dimension	210.1x66x60mm		
Swipe	Manual, single direction		
Environment			
Operating	-10 to 55°C, 10 to 85% humidity		
Storage	-30 to 70°C, 10 to 90% humidity		
Agency approval			
Rating	FCC class B, CE class B, UL, cUL		
Performance			
Read card	Track1	Track2	Track3
Bit: predensity	210 lpi	75/210lpi	210 lpi
Coercive force	Read 300-400 Oe Mag. card		
Card thickness	0.75-1.2mm		
Read speed	STD card	jitter \pm 15%	Amico90%
	5-55ps	5-50ps	5-50ps
Write speed	5-30ps		
Write jitter	Interval: \pm 10%, Sub-interval: \pm 12%		
Error rate	Read < 0.5%		
	Write < 0.5%		
Head life	Min. 1000K swipes for both read/write head		

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