

# Magnetic Stripe Reader/Writer



## MSR106 Series

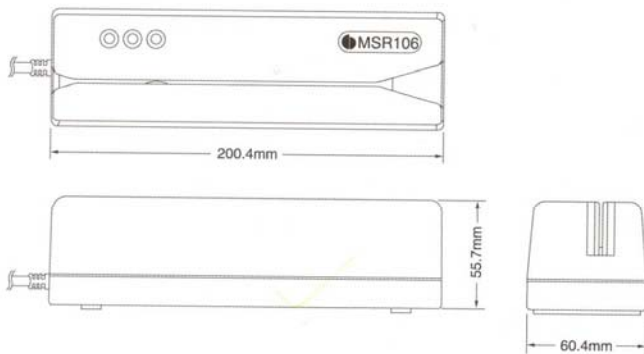
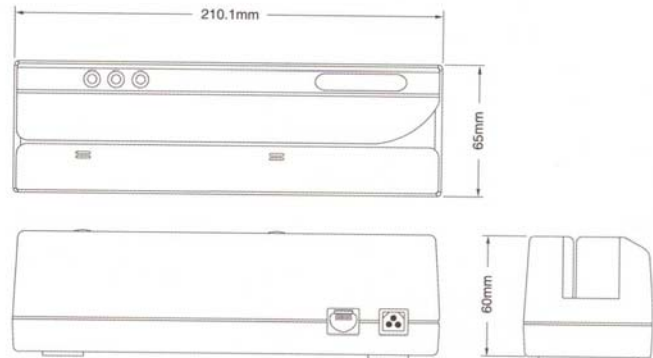
- Read/write magnetic stripe cards conform to ISO 7811
- Read/write magnetic stripe passbook conform to ISO 8484
- Manual swipe read/write with RS-232 interface
- Read high or low coercivity magnetic stripes (300-4000oe)
- Write low coercivity magnetic stripes (300-600oe)
- Write and verify data simultaneously 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**

MSR106 Series Specification			
<b>Electrical</b>			
Power Require	+9VDC $\pm$ 10%		
Consumption	Typical 150mA Max. 100mA plus for each writing track		
Power supply	External power adapter 9V/1.0A		
Communication	Standard RS232		
<b>Mechanical</b>			
Body Material	PC 94V-0		
Weight	Approx. 1kg		
Dimension	200.4Lx60.4Wx55.7H mm		
Swipe	Manual, single direction		
<b>Environment</b>			
Operating	-10 to 55°C, 10 to 85% humidity		
Storage	-30 to 70°C, 10 to 90% humidity		
<b>Agency approval</b>			
Rating	FCC class B, CE class B, UL, cUL		
<b>Performance</b>			
Read card	Track1	Track2	Track3
Bit predensity	210 bpi	75/210bpi	210 bpi
	Read/Write Track2 at 210 bpi for Pass Book		
Coercive force	Read 300-4000 Oe Mag. card Write 300-600 Oe Mag. card		
Card thickness	0.76-1.2mm		
Read speed	STD card	jitter $\pm$ 15%	Amp.60%
	5~55ips	5~50ips	5~50ips
Write speed	5~35ips		
Write jitter	Interval $\pm$ 8%, Sub-interval $\pm$ 10%		
Error rate	Read < 0.5% Write < 0.8%		
Head life	Min. 500K swipes for both read/write head		

**MSR206 Series Specification**

MSR206 Series Specification			
<b>Electrical</b>			
Power Require	+24VDC $\pm$ 5%		
Consumption	Typical 350mA Max. 600mA plus for each writing track		
Power supply	External switching power 24V/2.2A		
Communication	Standard RS232 signal levels		
<b>Mechanical</b>			
Body Material	ABS 94V-0		
Weight	Approx. 1.5kg		
Dimension	210.1Lx65Wx60H mm		
Swipe	Manual, single direction		
<b>Environment</b>			
Operating	-10 to 55°C, 10 to 85% humidity		
Storage	-30 to 70°C, 10 to 90% humidity		
<b>Agency approval</b>			
Rating	FCC class B, CE class B, UL, cUL		
<b>Performance</b>			
Read card	Track1	Track2	Track3
Bit predensity	210 bpi	75/210bpi	210 bpi
Coercive force	Read 300-4000 Oe Mag. card		
Card thickness	0.76-1.2mm		
Read speed	STD card	jitter $\pm$ 15%	Amp.60%
	5~55ips	5~50ips	5~50ips
Write speed	5~30ips		
Write jitter	Interval $\pm$ 10%, Sub-interval $\pm$ 12%		
Error rate	Read < 0.5% Write < 0.8%		
Head life	Min. 1000K swipes for both read/write head		