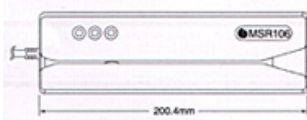


MSR106/MSR206 Series

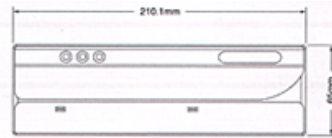
Magnetic Stripe Reader/Writer



MSR106



MSR206



MSR106 Series Specification			
Electrical			
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		
Mechanical			
Body Material	PC 94V-0		
Weight	Approx. 1kg		
Dimension	200.4Lx60.4Wx55.7H mm		
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 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 \leq \pm 8%, Sub-interval \leq \pm 10%		
Error rate	Read < 0.5% Read < 0.8%		
Head life	Min. 500K swipes for both read/write head		

MSR206 Series Specification			
Electrical			
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		
Mechanical			
Body Material	ABS 94V-0		
Weight	Approx. 1.5kg		
Dimension	210.1Lx65Wx60H mm		
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 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 \leq \pm 10%, Sub-interval \leq \pm 12%		
Error rate	Read < 0.5% Write < 0.8%		
Head life	Min. 1000K swipes for both read/write head		