

Magnetic Stripe Card Readers



MSR110 Series RS232 Interface

- Programmable track data output
- Downloadable firmware
- Read magnetic stripe cards conform to ISO 7811, AAMVA and custom data format
- Manual swipe, bi-directional
- Read high and low coercivity magnetic stripes (300-4000 Oe)
- LED and beeper for read status



MSR112 Series RS232 Port Powered

- Powered from RS 232 port
- Programmable track data output
- Read magnetic stripe cards conform to ISO 7811, AAMVA
- Manual swipe, bi-directional
- Read high and low coercivity magnetic stripes (300-4000 Oe)
- LED and beeper for read status

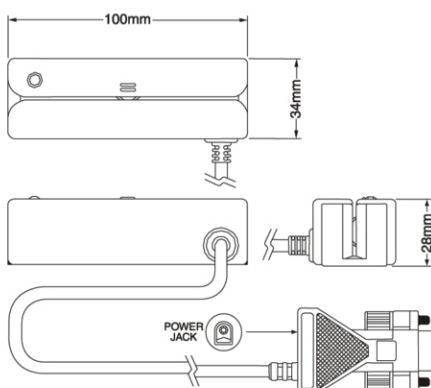


MSR210 Series Keyboard Interface

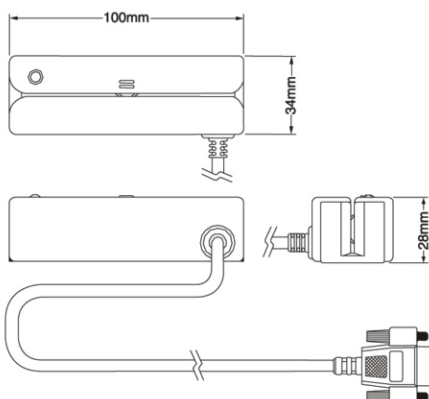
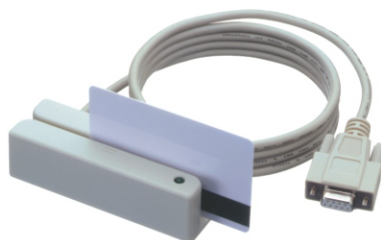
- Programmable track data output and on screen configuration set up
- Downloadable firmware
- Multi-language capability
- Read magnetic stripe cards conform to ISO 7811, AAMVA
- Manual swipe, bi-directional
- Read high and low coercivity magnetic stripes (300-4000 Oe)
- LED and beeper for read status

Magnetic Stripe Card Readers

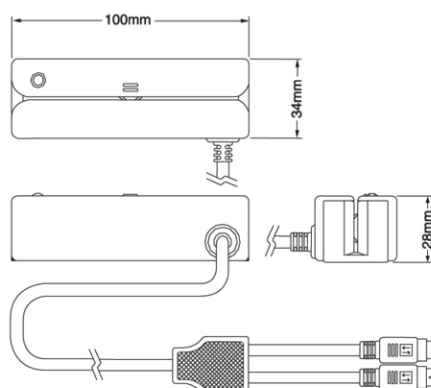
MSR110 RS232 Interface



MSR112 RS232 Interface (port powered)



MSR210 Keyboard Interface



Specifications			
Model	MSR110		
Electrical			
Power Requirement	+5VDC \pm 10%		
Power Consumption	90mA Max		
Interface	Standard RS232		
Mechanical			
Body Material	ABS 94V-0		
Dimensions	100L x 34W x 28H mm		
Weight	Approx. 120g		
Card Handling Method	Manual swipe, Bi-directional		
Environment			
Operation Temperature	-10°C to +55°C		
Operation Humidity	10% to 90%		
Agency Approval			
Ratings	FCC/CE class A, UL, cUL		
Performance			
Test Card Types	STD Card	Jitter \pm 15%	Amp. 60%
Read Speed	5 ~ 55 ips	5 ~ 50 ips	5 ~ 50 ips
Card Types	Magnetic cards as per ISO7810, 7811, AAMVA, JIS II & Custom data		
Read Capability	Magnetic stripe - single, dual or triple track of low/high coercivity (300~4000 Oe)		
Card Thickness	0.76 \pm 0.08mm		
Error Rate	< 0.5%		
Magnetic Head Life	500K Swipes, 1 M life optional		

Specifications			
Model	MSR112		
Electrical			
Power Requirement	Port powered		
Power Consumption	6mA Max.		
Interface	Standard RS232		
Mechanical			
Body Material	ABS 94V-0		
Dimensions	100L x 34W x 28H mm		
Weight	Approx. 120g		
Card Handling Method	Manual swipe, Bi-directional		
Environment			
Operation Temperature	-10°C to +55°C		
Operation Humidity	10% to 90%		
Agency Approval			
Ratings	FCC/CE class A, UL, cUL		
Performance			
Test Card Types	STD Card	Jitter \pm 15%	Amp. 60%
Read Speed	5 ~ 55 ips	5 ~ 50 ips	5 ~ 50 ips
Card Types	Magnetic cards as per ISO7810, 7811, AAMVA		
Read Capability	Magnetic stripe - single, dual or triple track of low/high coercivity (300~4000 Oe)		
Card Thickness	0.76 \pm 0.08mm		
Error Rate	< 0.5%		
Magnetic Head Life	500K Swipes, 1 M life optional		

Specifications			
Model	MSR210		
Electrical			
Power Requirement	+5VDC \pm 10% from PC KB port		
Power Consumption	90mA Max.		
Interface	Keyboard Simulator Interface		
Mechanical			
Body Material	ABS 94V-0		
Dimensions	100L x 34W x 28H mm		
Weight	Approx. 120g		
Card Handling Method	Manual swipe, Bi-directional		
Environment			
Operation Temperature	-10°C to +55°C		
Operation Humidity	10% to 90%		
Agency Approval			
Ratings	FCC/CE class A, UL, cUL		
Performance			
Test Card Types	STD Card	Jitter \pm 15%	Amp. 60%
Read Speed	5 ~ 55 ips	5 ~ 50 ips	5 ~ 50 ips
Card Types	Magnetic cards as per ISO7810, 7811, AAMVA		
Read Capability	Magnetic stripe - single, dual or triple track of low/high coercivity (300~4000 Oe)		
Card Thickness	0.76 \pm 0.08mm		
Error Rate	< 0.5%		
Magnetic Head Life	500K Swipes, 1 M life optional		

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