

# 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
- Limited 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

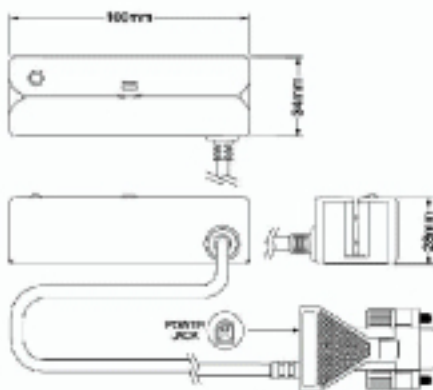


## MSR210 Series Keyboard Interface

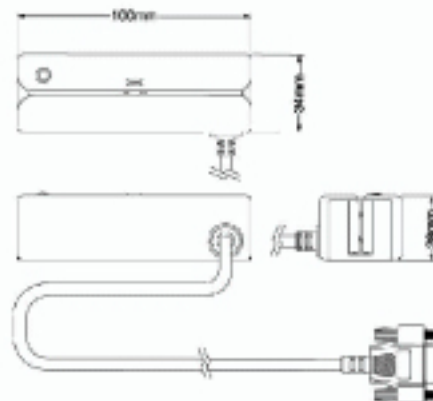
- Programmable track data output and on screen configuration set up
- Downloadable firmware
- Multi-language capability
- Read magnetic stripe cards conform to ISO 7811, AAMVA
- Manual swipe, bi-directional
- Read high and low coercivity magnetic stripes (300-4000 Oe)
- LED and beeper for read status

## Magnetic Stripe Card Readers

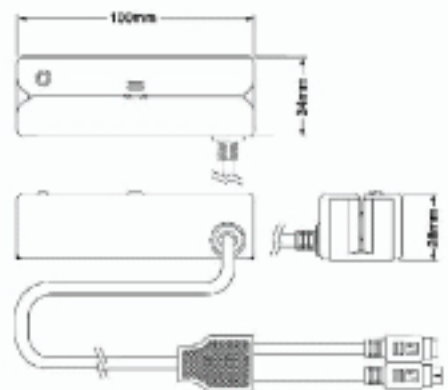
### MSR110 RS232 Interface



### MSR112 RS232 Interface (port powered)



### MSR210 Keyboard Interface



#### MSR110 Specification

MSR110 Specification			
<b>Electrical</b>			
Power Requirement	+5VDC ± 10%		
Consumption	10mA Max		
Communication	RS232		
<b>Mechanical</b>			
Body Material	ABS 94V-0		
Dimensions	100Lx34Wx28H mm		
Weight	Approx. 120g		
Card handling method	Manual swipe, Bidirectional		
<b>Operating Condition</b>			
-10°C ~ +55°C, 10 ~ 90% humidity			
<b>Agency Approval</b>			
FCC/CE class A, UL, cUL			
<b>Performance</b>			
Read Card	Magnetic card as per ISO 7810, 7811/1-6 AAMVA, J5B & custom data		
Read Capability	Magnetic stripe single, dual or triple track of low or high coercivity (200-4000 Oer)		
Read Speed	STD card	Jitter ± 15%	Area 60%
	5-50ips	5-50ips	5-50ips
Card thickness	0.76 ~ 1.2mm		
Card Error rate	< 0.5%		
Magnetic Head Life	500K swipes, 1M life optional		

#### MSR112 Specification

MSR112 Specification			
<b>Electrical</b>			
Power Requirement	Port Powered		
Consumption	58mA		
Communication	RS232		
<b>Mechanical</b>			
Body Material	ABS 94V-0		
Dimensions	100Lx34Wx28H mm		
Weight	Approx. 120g		
Card handling method	Manual swipe, Bidirectional		
<b>Operating Condition</b>			
-10°C ~ +55°C, 10 ~ 90% humidity			
<b>Agency Approval</b>			
FCC/CE class A, UL, cUL			
<b>Performance</b>			
Read Card	Magnetic card as per ISO 7810, 7811/1-6 AAMVA		
Read Capability	Magnetic stripe single, dual or triple track of low or high coercivity (200-4000 Oer)		
Read Speed	STD card	Jitter ± 15%	Area 60%
	5-50ips	5-50ips	5-50ips
Card thickness	0.76 ~ 1.2mm		
Card Error rate	< 0.5%		
Magnetic Head Life	500K swipes, 1M life optional		

#### MSR210 Specification

MSR210 Specification			
<b>Electrical</b>			
Power Requirement	+5VDC ± 10% from PC 6/5 port		
Consumption	90mA Max		
Communication	Keyboard Simulator Interface		
<b>Mechanical</b>			
Body Material	ABS 94V-0		
Dimensions	100Lx34Wx28H mm		
Weight	Approx. 120g		
Card handling method	Manual swipe, Bidirectional		
<b>Operating Condition</b>			
-10°C ~ +55°C, 10 ~ 90% humidity			
<b>Agency Approval</b>			
FCC/CE class A, UL, cUL			
<b>Performance</b>			
Read Card	Magnetic card as per ISO 7810, 7811/1-6 AAMVA		
Read Capability	Magnetic stripe single, dual or triple track of low or high coercivity (200-4000 Oer)		
Read Speed	STD card	Jitter ± 15%	Area 60%
	5-50ips	5-50ips	5-50ips
Card thickness	0.76 ~ 1.2mm		
Card Error rate	< 0.5%		
Magnetic Head Life	500K swipes, 1M life optional		

### UIC Taiwan

1F, No. 1, Lane 15, Chih Chiang St, Tu Cheng City,  
Taipei Hsien, Taiwan, R.O.C.  
Tel: +886-2-2268-7075  
Fax: +886-2-2269-5686  
For Information : info@uniform.com.tw

### UIC USA

47709 Fremont Blvd., Fremont, CA 94538-6512, USA  
TEL: +1-510-438-6799 (WEST COAST TIME) during office hours.  
Fax: +1-510-438-6790  
E-Mail: info@uicusa.com  
URL: www.uicusa.com