

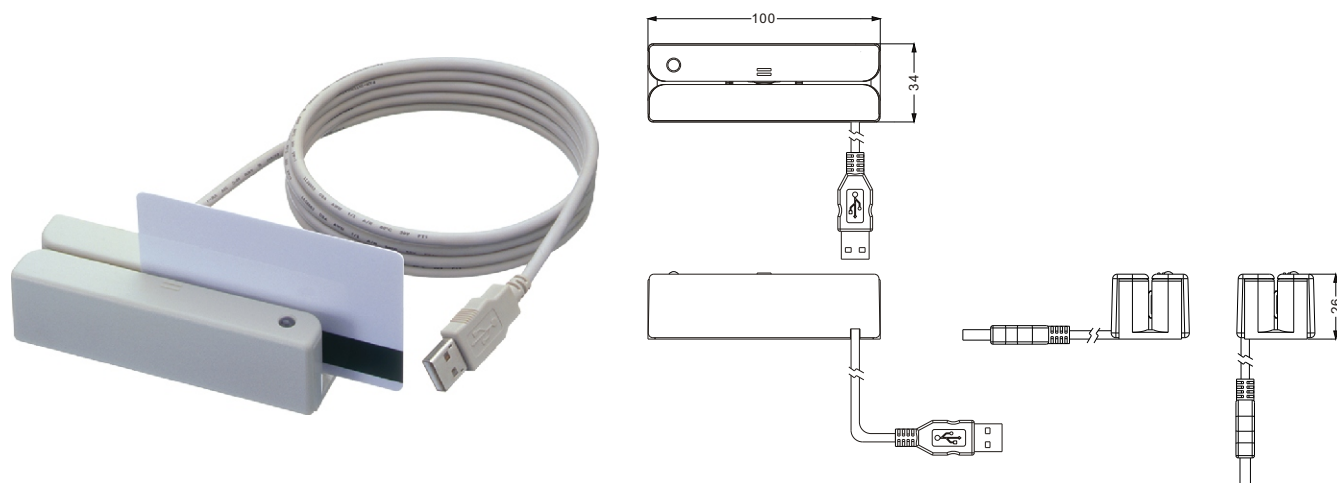
# USB Magnetic Stripe Card Reader



## MSR213U Series

- Read magnetic stripe cards conform to ISO 7811, AAMVA
- Read high and low coercivity magnetic stripes (300 ~ 4000 Oe)
- Can be configured as USB HID or USB keyboard emulation
- USB HID or USB keyboard emulation interface ; no third party device driver is required
- Firmware downloadable
- Multi-language support
- Manual swipe, bi-directional
- LED and beeper for reading status
- Low power consumption
- Reliable for over 1,000,000 card swipes
- 15 kv ESD protected

## USB Magnetic Stripe Card Reader



## MSR213U Series

Specifications			
<b>Model</b>	<b>MSR213U</b>		
<b>Electrical</b>			
Power Requirement	5VDC $\pm$ 5% from USB Port		
Power Consumption	35mA Max. in normal condition		
Interface	USB multi-interface, can be configured as USB HID or USB keyboard emulation		
<b>Mechanical</b>			
Body Material	ABS 94V-0		
Dimensions	100L x 34W x 28H mm		
Weight	Approx. 120g		
Connector	USB Type A plug		
Card Handling Method	Manual swipe, bi-directional		
<b>Environment</b>			
Operation Temperature	-10 $^{\circ}$ C to +55 $^{\circ}$ C		
Storage Temperature	-40 $^{\circ}$ C to +70 $^{\circ}$ C		
Operation Humidity	5% to 95%		
Storage Humidity	5% to 95%		
<b>Agency Approval</b>			
	FCC class B, CE class B, BSMI		
<b>Performance</b>			
Read Card Format	Track 1	Track 2	Track 3
Bit Density	210 bpi	75 bpi / 210bpi	210 bpi
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)		
Test Card Types	Standard Card	Jitter $\pm$ 15%	Amp.60%
Read Speed	5 ~ 55 ips	5 ~ 50 ips	5 ~ 50 ips
Card Thickness	0.76 $\pm$ 0.08mm		
Error Rate	< 0.5%		
Magnetic Head Life	1M Swipes		

### UIC Headquarters

#### Uniform Industrial Corp. Taiwan

1F, No. 1, Lane 15, Chih Chiang St., TuCheng City,  
Taipei Hsien, Taiwan, R.O.C.  
TEL: +886-2-2268-7075 FAX: +886-2-2269-5686  
VC ISDN: +886-2-8076-0126  
VC IP Line: 60.248.204.230  
E-Mail: info@uniform.com.tw  
URL: www.uicworld.com

### UIC USA

#### Uniform Industrial Corp. USA

47709 Fremont Blvd., Fremont, CA 94538-6512, USA.  
TEL: +1-510-438-6799 FAX: +1-510-438-6790  
E-Mail: info@uicusa.com  
URL: www.uicusa.com