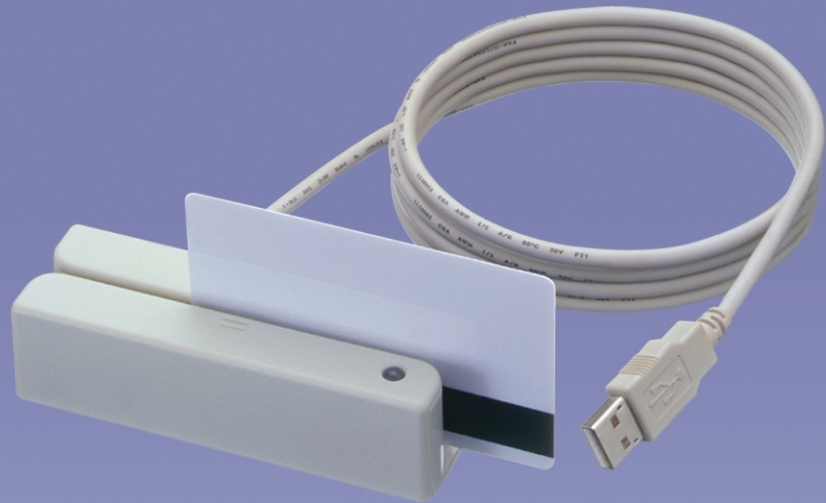


USB Magnetic Stripe Card Readers



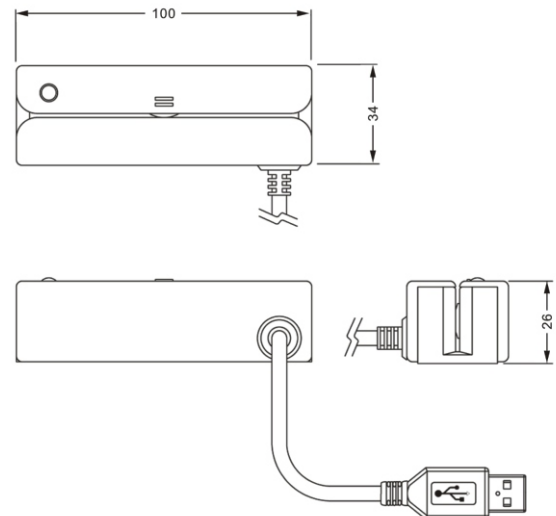
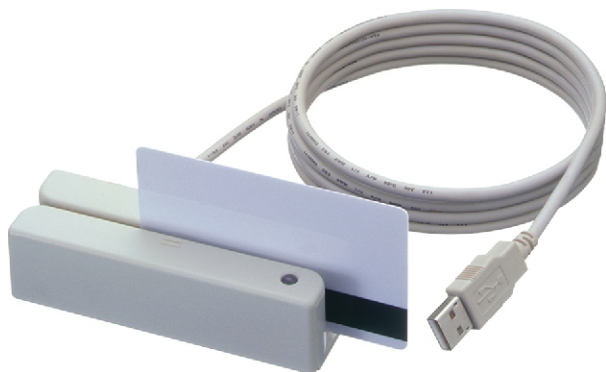
MSR120 Series

- Read and convert magnetic stripe data RS232 format to USB format
- Firmware downloadable
- Read magnetic stripe cards conform to ISO 7811, AAMVA and custom data format
- Manual swipe, bi-directional with USB interface
- Read high and low coercivity magnetic stripes (300 ~ 4000 Oe)
- LED and beeper for reading status

MSR210U Series

- Programmable track data output in screen configuration set up
- Firmware downloadable
- Read and emulate keyboard data format to USB format
- Mult-language support
- 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 reading status
- Compatible with HID specification Version 1.1
- Compatible with USB specification Version 1.1

USB Magnetic Stripe Card Reader



MSR120 Series

Specifications			
Model	MSR120		
Electrical			
Power Requirement	+5VDC ± 10% from USB Port		
Power Consumption	100mA Max. in normal condition		
Interface	USB interface (emulated RS232)		
Mechanical			
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		
Environment			
Operation Temperature	-10°C to +50°C		
Storage Temperature	-30°C to +70°C		
Operation Humidity	10% to 90%		
Storage Humidity	10% to 90%		
Agency Approval			
	FCC class A, CE class A		
Performance			
Read Card Format	Track 1	Track 2	Track 3
Bit Density	210 bpi	75 bpi	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 ± 15%	Amp. 60%
Read Speed	5 ~ 55 ips	5 ~ 50 ips	5 ~ 50 ips
Card Thickness	0.76 ± 0.08mm		
Error Rate	< 0.5%		
Magnetic Head Life	500K Swipes. 1 M life optional		

MSR210U Series

Specifications			
Model	MSR210U		
Electrical			
Power Requirement	+5VDC $\pm$ 10% from USB Port		
Power Consumption	35mA Max. in normal condition		
Interface	USB interface (emulated Keyboard)		
Mechanical			
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		
Environment			
Operation Temperature	-10°C to +50°C		
Storage Temperature	-30°C to +70°C		
Operation Humidity	10% to 90%		
Storage Humidity	10% to 90%		
Agency Approval			
	FCC class A, CE class A		
Performance			
Read Card Format	Track 1	Track 2	Track 3
Bit Density	210 bpi	75 bpi	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	500K Swipes, 1 M life optional		

UIC Headquarters

Uniform Industrial Corp. 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
 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

UIC Europe

Uniform Industrial Corp.
 Suite 2.7 Discovery House,
 Gemini Crescent, Technology Park,
 Dundee, DD2 1SW, United Kingdom
 TEL: +44-1382-561162
 FAX: +44-1382-561163
 E-Mail: info@uiceurope.com
 URL: www.uicworld.com