

USB Magnetic Stripe Card Reader

MSR213 Series



- Read and convert magnetic stripe data to USB (Virtual COM) or USB HID/USB keyboard interface
- Firmware downloadable
- Read magnetic stripe cards conform to ISO 7811, AAMVA and custom data format
- Manual swipe, bi-directional with USB interface output
- Read high and low coercivity magnetic stripes (300- 4000 Oe)
- 15KV air ESD protection
- Reliable for over 1M swipes life
- LED and beeper for reading status



MAGSTRIPE



SECURITY

USB HID or USB Keyboard Emulation Interface

MSR213U communicates with a host computer using USB interface. The reader can read magnetic data from available track encoded per ISO 7810/7811, AAMVA and DMV.

USB Virtual COM interface

MSR213V, is designed communicates with a host computer or other terminal using a standard USB (Virtual COM) interface. Because of the transmitting protocol of MSR213V is more precise, it is suitable for using in financial industry.

Trusted Name

UIC is a leading manufacturer of payment devices and transaction solutions. Known in the industry for reliability and dependability, UIC products offer high value and quality at a reasonable price.



UIC Applications

UIC products are deployed worldwide in a variety of environments including retail, financial, vending, parking, gaming/gambling, airlines and tradeshows. Also, UIC's quality components are utilized in payment terminals, POS keyboards and KIOSKs.

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FEATURES AND BENEFITS

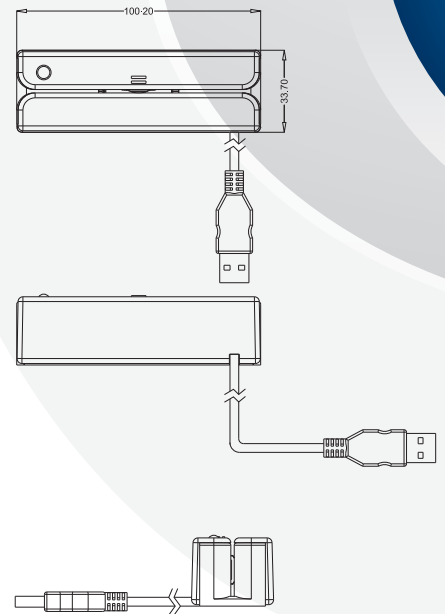
UIC Solutions

With a commitment to technological development initiatives, UIC consistently creates innovative award-winning products that ensure data transactions are simple, secure and transparent to the customer. The product portfolio includes PIN pads, check readers, contactless readers, magnetic stripe readers, insert hybrid card readers and F2F decoder chips.

SPECIFICATIONS

Electrical			
Power Requirement	+5VDC +-10% from USB Port		
Power consumption	35mA Max. in normal condition		
Mechanical			
Body Material	ABS 94V-0		
Dimensions	(L)100x (W)34x (H)28mm		
Weight	Approx. 4.2 ounces (120 g)		
Connector	USB Type A Plug		
Card Handling Method	Manual swipe, bi-directional		
Environmental			
Operation Temperature	-10°C to +50°C		
Storage Temperature	-30°C to +70°C		
Operation Humidity	10% to 90%		
Storage Humidity	10% to 90%		
Interface			
MSR-213U	USB HID or USB keyboard emulation interface		
MSR-213V	USB Interface (virtual, RS232)		
MSR-213E	Card Data Encryption		
Agency Approval			
FCC Class B, CE Class B, RoHS			
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 - 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±0.08 mm		
Error Rate	< 0.5%		
Magnetic Head Life	1M swipe		

Specifications are subject to change.



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