UIC

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.

www.uicworld.com

*Professional **Design & Manufacturing Service** in Payment Industry*

UIC

MSR213 Series
USB Magnetic Stripe Card Reader

FEATURES AND BENEFITS
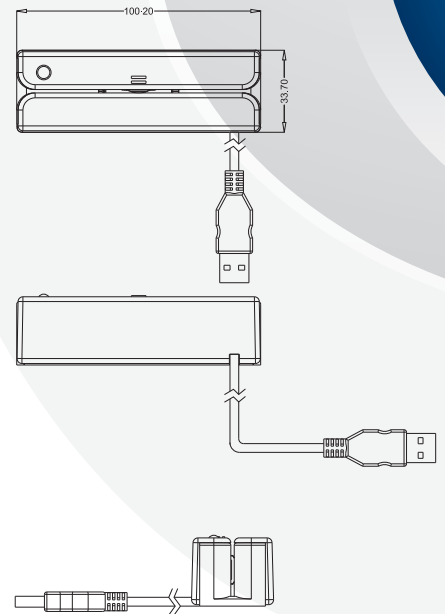
UIC Solutions

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℃ to +50℃
Storage Temperature	-30℃ to +70℃
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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Pb lead-free RoHS 2002/95/EC

CE FC

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