

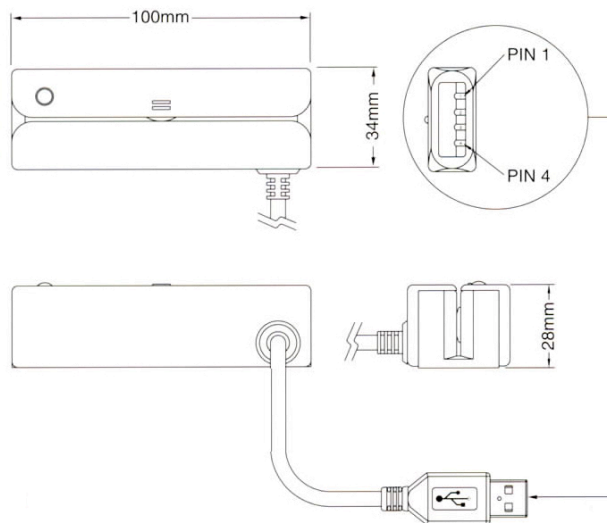
# MSR-110

## RS232C Magnetic Card Reader

- 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
- LED and beeper for read status



Power Requirement	+5VDC $\pm$ 10%
Consumption	98mA max
Communication	RS232
Body Material	ABS 94V-0
Dimension and Weight	100 x 34 x 28 mm. Approx. 120g.
Card Handling Method	Manual, swipe bi-directional
Environment	Operation : -10 to 55°C, 10 to 90% humidity
Agency approval	FCC/CE class A. UL, cUL
Read card	ISO 7810, 7811/1-6, AAMVA, JIS II & custom data
Read capability	Magnetic stripe single, dual or triple track of low or high coercivity (300-4000 Oe)
Read speed	STD card : 5~55ips, Jitter $\pm$ 15% : 5~50ips, Amp.60% : 5~50ips
Card thickness	0.76 – 1.2mm
Read error rate	< 0.5%
Head life	500K swipes, 1M life head optional



Note : All specifications are subject to change without notice



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