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MSR100-USB Magnetic Stripe Card Reader

The Jannu MSR100-USB is a compact USB magnetic stripe card reader with bidirectional swipe, sound and light status indication, and a long-life read head, designed for POS, attendance, and data-collection applications.

Main Features

*** USB Powered with Light Indicator – Powered directly from a PC USB port, with an LED light indicator.**

*** Dual Sound and Light Indication – Reading status is indicated by both sound and light.**

*** Low Swipe Error Rate – Unique structural design delivers a swipe error rate of less than 0.5%.**

*** Long-Life Magnetic Head – Rated for 800,000 card passes, suitable for high-load operation.**

*** Bidirectional Swipe – Cards can be swiped in either direction.**

*** Broad Card Compatibility – Supports ISO, AAMVA, and CADMV magnetic stripe cards.**

*** Wide OS Support – Compatible with Mac, Windows XP / Vista / 7 / 8 / 10, and Android.**

*** Certified – CE, RoHS, and FCC certified.**





MSR100-USB

1. Specification

Type	Details	Descriptions
General	Model	MSR100-USB
	Product Type	Magnetic stripe card reader
	Dimensions	90 × 26 × 28 mm (L × W × H)
	Cable Length	150 cm (59.06 in)
	Weight	77 g
	CPU	32-bit MCU
	Electrical	DC 4.5–5.0 V, 25 mA
	Form Factor	Compact
Performance	Swipe Direction	Bidirectional
	Card Thickness	Plastic, 0.76 ± 0.08 mm
	Error Rate	Less than 0.5%
	Head Function	Read only, 1.5 mm
	Indication	Light and sound
	Accessories	Software, manual, and plastic rail / magnetic slot included
	Other	Low power consumption; easy to program
ISO Standard Tracks	Track 1	210 bpi, 79 alphanumeric characters
	Track 2	75 bpi, 40 numeric characters
	Track 3	210 bpi, 107 numeric characters
Compatibility	Cards	ISO, AAMVA, CADMV
	Operating Systems	Mac, Windows XP / Vista / 7 / 8 / 10, Android
	Interface	USB
Reliability & Environment	Head Lifetime	800,000 card passes (1 pass = one swipe)
	Operating Temperature	−10 ~ 50 °C
	Relative Humidity	20% ~ 70% RH
Certification	Certifications	CE, RoHS, FCC
Applications	Typical Uses	Mobile data collection (trade shows, racing events); point of sale; law enforcement (DMV cards); attendance (student ID, membership, conference, classroom, and meeting); door locking systems

2. Product Dimension

Dimensions



Package





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