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MagShell 900



Manual swipe, bi-directional magnetic reader, conforms to ISO 7810, 7811, AAMVA, JIS & DMV format, All ISO tracks supported. Communicates with a host computer or other terminal via a standard Universal Serial Bus (USB) interface

Features

- Buzzer and LED indicator
- Read and convert RS232 magnetic data
- Bi-Directional
- All ISO tracks supported
- (USB) interface, no external power required
- Fully portable
- Small footprint

Technical specifications

Interface	USB Full Speed (1.1)
Scanner Weight	20 oz / 210gr.
Dimensions (LxWxH)	3.94"/100mm L x 1.1"/28mm H x 1.33"/34mm W
Power consumption	USB powered (2.0 W @ 5Vdc)
Operating Voltage	+5VDC +/- 10%, 110mA max
Certifications	CE, FCC, UL, cUL
ISO	ISO track 1, 2 and 3, 7810, 7811, AAMVA, JIS & DMV format

Electrical		Performance			
Power	+5VDC ± 10% from USB port	Read card	ISO 7810, 7811/1-6/AAMVA, custom data		
Consumption	98mA max. in normal condition	Coercive force	Read 300-4000, Ce Magnetic Card		
Communication	Standard RS232 to USB	Read speed	STD card	Jitter ± 15%	Amp 60%
			5-55 ps	5-50 ps	5-50 ps
Mechanical		Read error rate	<0.5%		
Body material	ABS 04V-0	Environment			
Dimension	3.94"/100mm L x 1.1"/28mm H x 1.33"/34mm W	Operation	-10 to 55 ⁰ C, 10 to 90% Humidity		
Weight	20 oz / 210gr.	Storage	-30 to 70 ⁰ C, 10 to 90% Humidity		
Connection	USB series "A" plugs	Agency approval	FCC/CE class A UL, cUL		
Handling Method	Manual, swipe, bi-directional				