unitech

MSR206
Magnetic Stripe Reader / Encoder

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The Unitech MSR206 is designed to offer a magnetic card reading/writing solution for ISO 7811-6 formats. It reads and writes up to 3 tracks of data, e.g. decoding/ encoding and verifies up to 3 tracks of data simultaneously. Also, the MSR206 provides a standard RS232 interface to communicate with a host system or other terminal computers.

The MSR206 is ideal for credit card verification and various other card-related applications.

Features

- Read / write magnetic stripe cards (ISO 7811 / 1 - 6 formats)
- Read / write high and low coercive force (300~4000 Oe)
- Write / verify data on single, dual, or triple track in one swipe
- Programming software included for various read / write applications
- Programming software for DOS and Windows 98/Me
- Compact size with dimensions of 8.34"(L) x 2.58"(W) x2.38"(H)
- Programmable leading bit, raw data, DMV/AAMVA, and user defined format

Electrical

Operating Voltage	+24VDC +/- 5%
Consumption	Typical 350mA Max. and 600mA plus for each track
Power Supply	External Power Adapter 24V/2.2A
Communication	Standard RS232 signal levels
Ripple	50mVp-p or less
Dielectric Strength	500VDC for 1 minute

Mechanical

Body Material	ABS 94V-0
Dimensions	8.34"(L) x 2.58"(W) x 2.38"(H)
Weight	Approximately 53 oz
Color	Beige
Swipe	Manual, single direction

Performance

Read Card	Track 1	Track 2	Track 3
Bit Density	210 bpi	75/210 bpi	210 bpi
Read Speed	STD Card	Jitter +/- 15%	Amp. 60%
	5~55ips	5~50ips	5~50ips
Write Speed	5~30ips		
Error Rate	Read < 0.5%		
	Write < 0.8%		
Coercive Force	300-4000 Oe Mag. card (Read/ Write)		
Write Jitter	Interval < +/-10%, Sub-interval < +/-12%		
Card Thickness	0.76-1.2mm		

Environmental

Operating Temperature	14° to 131° F (-10° to 55° C), 10 to 85% humidity
Storage Temperature	-22° to 158° F (-30° to 70° C), 10 to 90% humidity
Rating	FCC ClassB, CE classB, UL, cUL

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