

Magnetic Strip Reader/Writer Series HCC206

Feature

- Reading/writing magnetic stripe cards complies with ISO 7811 / 1~6 formats
- Manual Swipe to read and/or write cards with PC standard RS-232 interface
- Read/Write High and Low Coercive force of magnetic stripe (300~4000Oe)
- 5~35ips operational swipe speed of writing data
- 5~55ips operational swipe speed of reading data
- +24VDC +/- 10%, 2.0A Max., external power adapter attached
- Writing and verifying data on single, dual, or triple track in one swipe
- Programming software included for various read/write applications
- Program software for DOS and Windows 98/Me
- High/Low Coercivity encoding circuitry selectable on screen
- Programmable leading bit, raw data, DMV/AAMVA, and user defined format
- Compact size with dimensions of 210(L) x 62(W) x 65(H) mm

Specification

Operating voltage	+24VDC +/- 5%
Consumption	Typical 350mA Max. and 600mA plus for each writing track
Power Supply	External Power Adapter 24 V/2.2A
Communication	Standard RS232 signal levels
Ripple	50mVp-p or less
Dielectric strength	500VDC for 1 minute
Dimension (L*W*H)	210*62*65 MM
Weight	Approx. 1.5kg
	Manual, single direction
Ordering Information	HCC206-44 Dual track (track I & II) MSR encoder
	HCC206-55 Dual track (track II & III) MSR encoder
	HCC206-66 Triple track (track 1, II, & III) MSR encoder
Interconnection	
Cable	5 feet, DB9
Pin Assignment	Pin 1 Shield

	Pin 2 TXD (HCC206 data transmit)
	Pin 3 RXD (HCC206 data receive)
	Pin 5 Circuit ground
Default	9600 baud, 8 bit/character, no parity, 1 stop bit
Environmental	
Operation	0° to 50° C, 15 to 85% humidity
Storage	-30° to 70° C, 10 to 90% humidity
Read Card	Track 1 Track 2 Track 3
Bit density	210 bpi 75/210 bpi 210 bpi
Coercive force	Read/Write 300-4000 O e Mag. card
Coercive force	0.76-1.2mm
Performance	
Write speed	5~30ips
Write jitter	Interval < +/-10%, Sub-interval < +/-12%
Head life	Min. 500K swipes for both read/write head

Picture



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