

Magnetic Stripe Writer U-CRW01

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Magnetic Card Reader/Writer

The U-CRW01 is a magnetic card writer for reading and encoding magnetic cards according to ISO standard. Connect the device to the RS232 interface of your PC and access it by using serial command under any operating system. It can write all three tracks on magnetic cards and also process all commercial card types (such as credit cards, EC cards, employee or member cards, cards for customer retention systems, etc.).

The U-CRW01 reads and writes using an especially safe two-head method: The first magnetic head writes data on the card while the second head verifies the data. The device encodes all three ISO standard tracks using this method.

The U-CRW01 is an excellent choice for the issue of internal member and stored value cards, access and time clock applications, or for the design of your own customer retention systems. The device uses the so-called LoCo process with 300 Oerstedt to encode the magnetic cards.

An external adapter for power supply is not required, as the device receives the necessary power through the adapter cable from the keyboard interface of your PC. The sturdy housing, easy integration into existing system and the reliable two-head read/write process make the U-CRW01 the perfect choice for all applications that require reading and writing of magnetic cards.

Specifications

Connection	RS232(Cable included)	Reading current	≤85mA
Power Requirement	+5V (from PS/2)	Writing current	≤150mA
Coercivity	300 Oerstedt (Lo-Co)	Speed of pulling card	10cm/s~120cm/s
Media Width	0,25 to 0,8 mm	Weight	0.75 kg
Status Indicator	Triple color LED and buzzer	Humidity	20~90%RH
Magnetic Head Life	more than 1,200000 swipes	Work circumstance	Temperature 0°C~40°C
Number of characters recording		Density of recorder	
	Track 1: 76 Alphanumeric characters		NO.1 track 210BPI
	Track 2: 37 numeric characters		NO.2 track 75BPI
	Track 2: 104 numeric characters		NO.3 track 210BPI
Software			DOS and Windows tools included
Dimensions			220 x 61 x 51 mm (L x W x H)
Standard of reading and writing			ISO7810/7811~1-5; IBM
Readable Cards			ISO Standard, Track 1, 2 & 3