
Credit card / magnetic card

Read the module manually

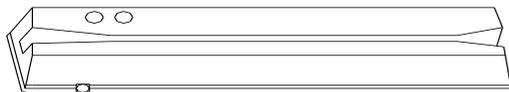
User Manual

— Features

CR7400 series of magnetic cards / books, bar code slot reader is designed for the banking, securities and commercial areas of the use of a universal input device. CR7400 series of computer communication through the RS232 interface.

The following is CR7400 card slot Appearance.

Indicator 1 indicator 2



LED 1: Green LED, lights that card machines ready

Indicator 2: Red LED, light on the wrong reader

二 Switch Description

SW8 SW7: Select communication baud rate (see Table I)

SW6 SW5: Select parity method (see Table II)

SW4: choice or no additional frame required STX and ETX characters

ON: Canadian STX and ETX OFF: Do not STX and ETX

SW3: Select with or without carriage return (CR)

ON: Canadian CR OFF: CR without

SW2: to be or not to select EXTENDED CODE 39 (for bar code)

ON: To EXTEND CODE 39 OFF: Do not EXTENDED CODE 39

SW1: Select card or bar code reading

ON: Reading magnetic card OFF: Reading bar codes

SW8 SW7 baud rate

OFF OFF 1200

ON OFF 2400

OFF ON 4800

ON ON 9600

SW6 SW5 check

OFF OFF MARK

OFF ON SPACE

ON OFF ODD

ON ON EVEN

Factory setting: bar code

SW1	SW2	SW3	SW4	SW5	SW6	SW7	SW8
OFF	ON	ON	ON	ON	OFF	ON	ON

Factory setting: card

SW1	SW2	SW3	SW4	SW5	SW6	SW7	SW8
ON	ON	ON	ON	ON	OFF	ON	ON

≡ installation instructions

3.1 connected to a computer

For general personal computers, the use of methods can be from the keyboard. Will insert the RS232 interface, DB9F female, then the keyboard cable to take power

outlet and a large string in the keyboard between the keyboard.

Connected with the terminal

3.2 Terminal equipment generally have the power output line, through the specified pin to supply.

Power supply terminal connected to the interface with magnetic card reader R232 DB9F signal as follows

Pin No. Signal Name Pin No. Signal Name

Pin No.	Signal Name	Pin No.	Signal Name
1	+5V VCC	5	GND
2	TXD	6	NC
3	RXD	7	NC
4	NC	8	NC

四 Related technical information

4.1 Magnetic data format

CR7400 read magnetic stripe data after the success in the default data into the computer the following format.

Format:

STX SS card data ES CR ETX

0x02% DATA? 0x0d 0x03 first track

0x02; DATA? 0x0d 0x03 second track

0x02 + DATA? 0x0d 0x03 third rail

Note: DIP switch settings according to different changes in the format. See Section III.

Bar code data format

CR7400 read the bar code data is successful, the following format into the computer

STX	Barcode data	CR	ETX
0x02	DATA	0x0d	0x03

Note: DIP switch settings according to different changes in the format. See Section III.

Slot card bar code symbologies can be interpreted

CODE 39.	CODE 2 OF 5.	CODE 93.
UPC/EAN.	CODABAR.	INTERLEAVED 2 OF 5.
CODE 128.	CODE 11.	MSI/PLESSEY.
FULL ASCII	CODE 39 (EXTENDED CODE 39)	