

### Magnetic Card Access Control Terminal

#### **GENERAL INFORMATION**

- Model 9100 is a highly flexible access control terminal. It may control the electric lock by using the magnetic card. Model 9100 offers reliable and future-oriented access control solutions to meet most requirements in most areas. It can be used either as an off-line stand-alone access control unit or as an on-line access control terminal.

#### **FEATURES**

##### **The major features of model 9100 are:**

- Heavy duty steel enclosure to avoid being broken.
- 16 character LCD with back lighting to display message.
- Memory backup can be up to 48 hours.
- Use magnetic stripe card Track 2, ISO standard.
- The number of user's card can be from 0000 to 3999.
- Personal ID number (PIN) can be from 0000 to 9999.
- Two external drives: Drive 1 for door lock and Drive 2 for alarm.
- Provide a connection for indoor switch to open the door lock from inside the room.
- Provide a connection for alarm sensor to detect the door security.
- Provide a connection for external second card reader.
- Use a Master card or keypad to program the unit, or use PC to program when on-line connection.
- Provide a 4 x 4 keypad to enter the PIN or to program the unit.

- Door lock open period is programmable from 1 to 99 seconds.
- Provide real time clock.
- Door open mode can be set as "swipe card only" or "press keypad only" or "swipe card plus press keypad".



#### **SPECIFICATIONS**

- Power requirements: 12 VDC +/- 10% 250 mA
- Dimensions: 4.55" x 4.12" x 1.5"
- Reader: Magnetic stripe card, Track 2, ISO Standard
- Output: Door lock strike relay: 12V, 3A MAX  
Alarm siren relay: 12V, 3A MAX
- Input: One for indoor egress switch  
One for alarm sensor  
One for the second card reader
- Display: LCD 16 characters with back lighting
- Keypad : 4 x 4 membrane switch
- Data communication: RS-485
- Memory: 32K