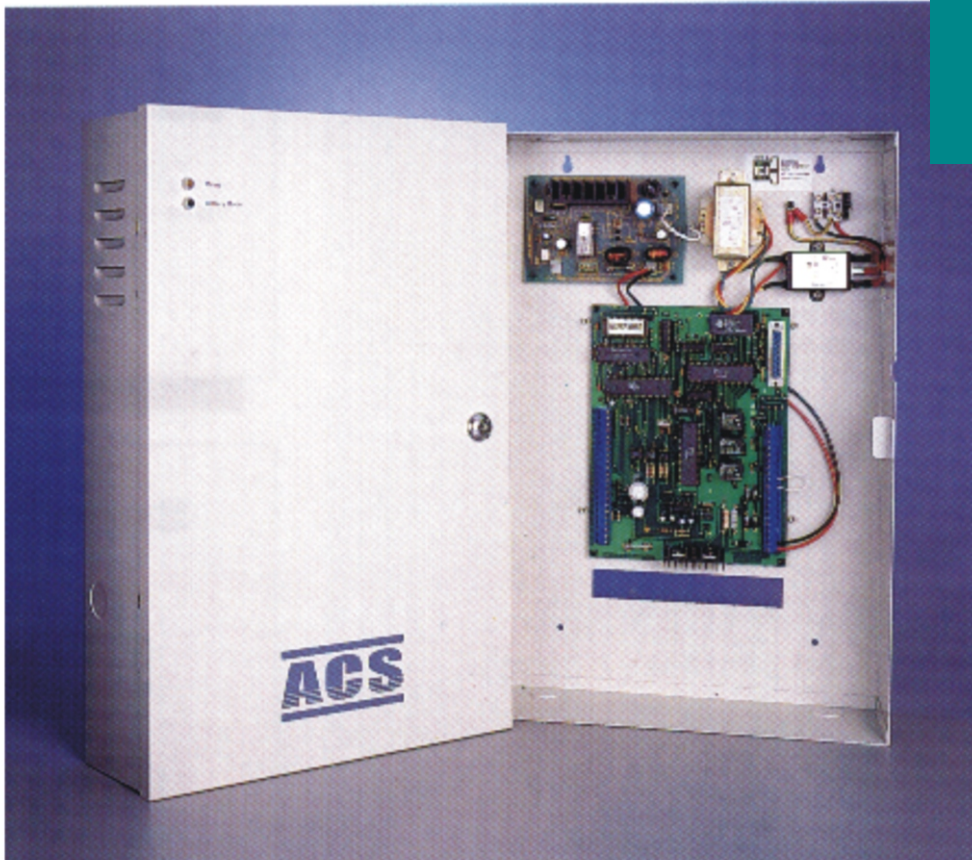




**Access Control System**  
*...Powerful And Cost Effective*  
<http://www.acs-access.com>

# EXP-06E

## Single Door Access Control Panel



### Features :

#### Standalone Operation :

The EXP-06E has a memory module which enables validation of users and grants or denies access. Two relay outputs and two optocouplers provide complete supervision of the door.

#### Choice of Card Readers :

Support Magnetic Stripe (ABA Track II) & Proximity (Wiegand 26 bit) Readers.

#### IN reader :

can be using LED Indication lamp with keypad.

#### OUT reader :

only using LED indication lamp without keypad.

#### Access Ways :

- \*Card Only
- \*Card + PIN
- \*PIN Only
- \*Anti-Passback

#### Large Capacity :

16,000 cardholders & events memory Capacity.

#### Controlled Time of Access :

- \*9 (8 programmable + 1 pre-set)
- \*8 daily schedules
- (7 weekdays + 1 holiday)

#### Controlled Time of Enter Password :

- \*3 (2 programmable + 1 pre-set)
- \*8 daily schedules
- (7 weekdays + 1 holiday)

#### 3 types of cardholder authority level :

- 1 - Access door only
- 2 - Access door & turn ON AUX relay
- 3 - Access door, turn ON / OFF AUX relay

#### Secure :

- \*Selectable door release time.
- \*Sensor input for door monitoring.
- \*Auxiliary relay output for programmable or manual control.
- \*Alarm relay output for duress alarm, door held alarm and force open alarm.

## INTRODUCTION

The EXP-06E is a powerful and cost-effective standalone single door Access Control System. It is a powerful software based time recording, access control and integrated security system designed to meet the most demanding access control and point monitoring applications. Programming the system is done from a cost effective IBM compatible microcomputer. Cards can added or deleted in seconds. All events can be archived for future reference and report generation.

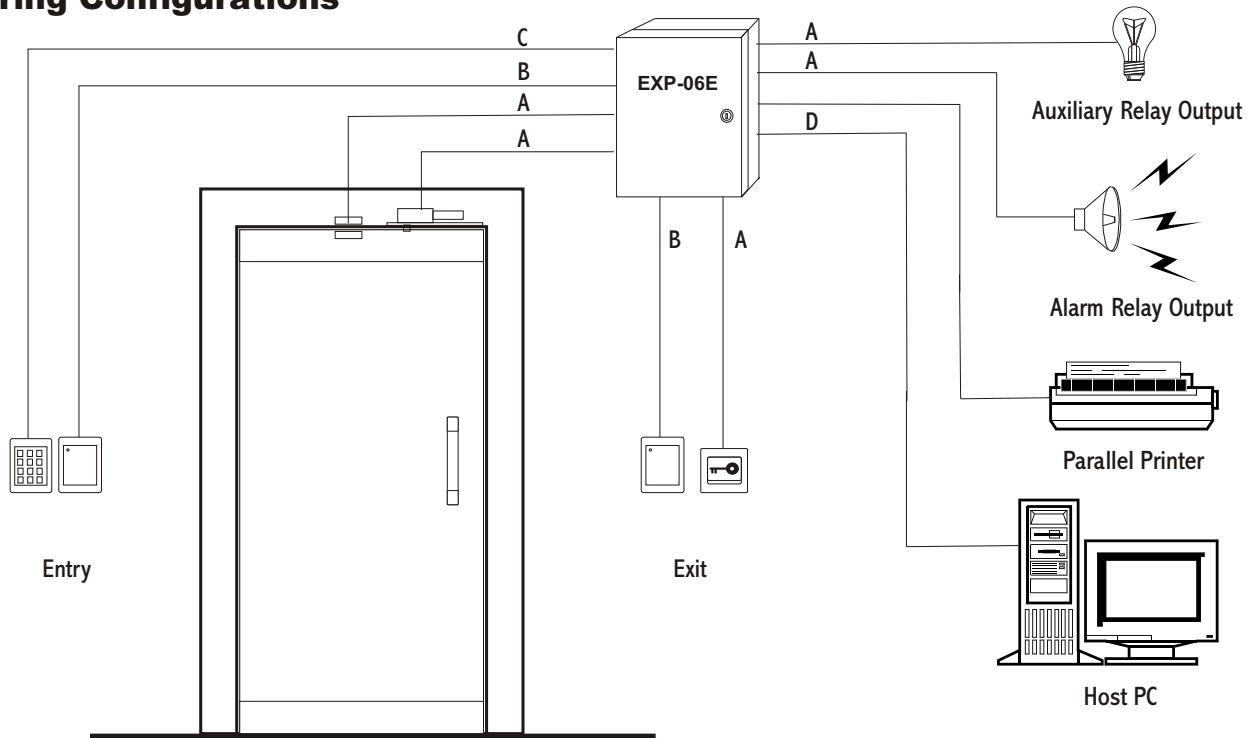
It may be used with either Magnetic Stripe or Proximity Readers. It can support 2 readers one for coming into the secure area and one for going out of the secure area. It has sophisticated features rivalling that of a large integrated access security system. The EXP-06E controller may be directly linked to a logging printer for on-line printing and report printing.

For stand alone system, the IN reader can be containing a 12 keys keypad for PIN access functions.

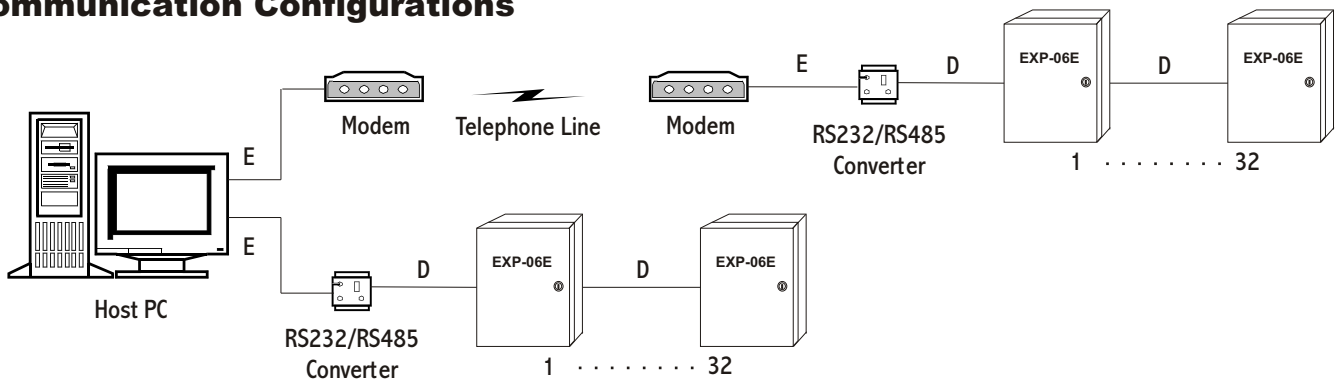
For PC network system, RS485 and communication convertor can be centralized control and supervision, a maximum of 128 sets of EXP-06E can be linked up to a IBM compatible PC via direct hard wires or dial up phone modem which runs the ACS software. In addition, the EXP-06E provides a door sensor and general purpose output which can be easily controlled by user.

# EXP-06E Single Door Access Control Panel

## Wiring Configurations



## Communication Configurations



## Specification

### Input / Output Capacities :

- 1 x IN Reader
- 1 x IN Keypad (3 x 4 Matrix)
- 1 x OUT Reader
- 1 x Electric Door Lock Output
- 1 x Auxiliary Relay Output
- 1 x Alarm Relay Output
- 1 x Parallel Printer Port
- 1 x Door Release Button Input
- 1 x Door Sensor Input
- 1 x RS232 Communication Port
- 1 x RS485 Communication Port

### Memory Capacities :

- 16,000 - cardholders & events
- 3 - Cardholders Authority Level
- 9 - Access Time Zone
- 3 - PIN Entry Time Zone
- 100 - Holidays
- 28 - Programmable Time Setting

CPU - 8031

Clock & data memory backup battery :  
- Backup for 1 week during power failure

### Communication Interface :

- RS232 or RS485 (converter type)

Data Transfer Rate : 9,600 bps

Input Voltage : 12V AC/ DC

### Power Consumption

- Approx. 0.8A - 12V AC / DC

Temperature : - 0 ~ 50 degree Celsius

Humidity : - 20% ~ 80% RH

Wire Label	From	To	Function	Gauge (AWG)	No. of Pair	Shielded	Max. Length (M)
A	EXP-06E	I/O Device	Control	24	1	Yes	150
B	EXP-06E	Reader	Reader Comm.	24	4	Yes	150
C	EXP-06E	Keypad	Keypad Comm.	24	4	Yes	8 / 150 (extension board)
D	EXP-06E	PC	RS485 Comm.	24/22	2	Yes	1,200
E	EXP-06E	PC	RS232 Comm.	24	2	Yes	16