Anson®

D Access Controller Series
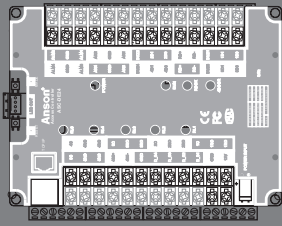
User Guide

ASC-DE24

Read the manual before usage and keep for future reference.

http://www.ansoncorp.com

1.Device Parameter

Working Voltage: DC 12V
Working Current: Non-loaded <200mA
Working Temperature:-20℃-50℃
Working Humidity:10°-90°
Power Consumption: <3W
Size: 164×120×20mm
Communication Mode: TCP/IP, RS485
Communication Rate: 10/100M (TCP/IP)
Users Capacity: 20000   Users Capacity: 70000 records
Max. Doors: 4
Dry Contact Input: 12
Dry Contact Output: 5
Default IP address: 192.168.0.245
Default Communication Password: Empty

2.Important Notices

● Without power when wiring.
● Power on after ensure wire connection is right.
● Output current of power supply must 130% greater than the total working current of all access devices.
● Power supply and lock power supply should be separated.
● The power supply must be grounded.
● The hand-in-hand connection is recommended, the star-type connection is forbidden.
● In case any interference, readers distance need 10cm.
● RS 485 communication, the shielding layer need be grounded to prevent interference.
● When RS 485 communication connected too many devices, 120Ohm resistance can be added between 485+ and 485- at the last device.

3.Add Card without Software

The device supports adding card without software. Before adopt this mode, user must connect reader port (blue) with BUZ port of controller. Download Setup will not cover cards which add by program card, but cards can be cleared by software. Program card is active (default), it also can be forbidden by software. Program card can add 3000pcs cards and all of added cards are administrator access group. Setup Program Card: Press MODE button on controller board for 3s and present any card on reader to be program card. To exit setup program card mode, please press MODE button for twice or wait for 30s.

Add Card
1. Present program card on reader
2. When red and green light flicker alternately. It goes to add card mode.
3. Present common card, red light on for 1.2s, it means add card success
4. Present program card again or stop any operation for 12s, reader will return to normal status.

Delete Card
1. Present program card for two times
2. Green light on, It goes to delete card mode.
3. Present common card, red light on for 1.2s, it means add card success
4. Present program card again or stop any operation for 12s, reader will return to normal status.

Delete all Cards
1. Present program card for three times
2. Green light on, it goes to delete card mode.
3. Present program card again, after 4s, all cards will be delete which added by program card, and return to normal status.

4.Instruction of Wiring
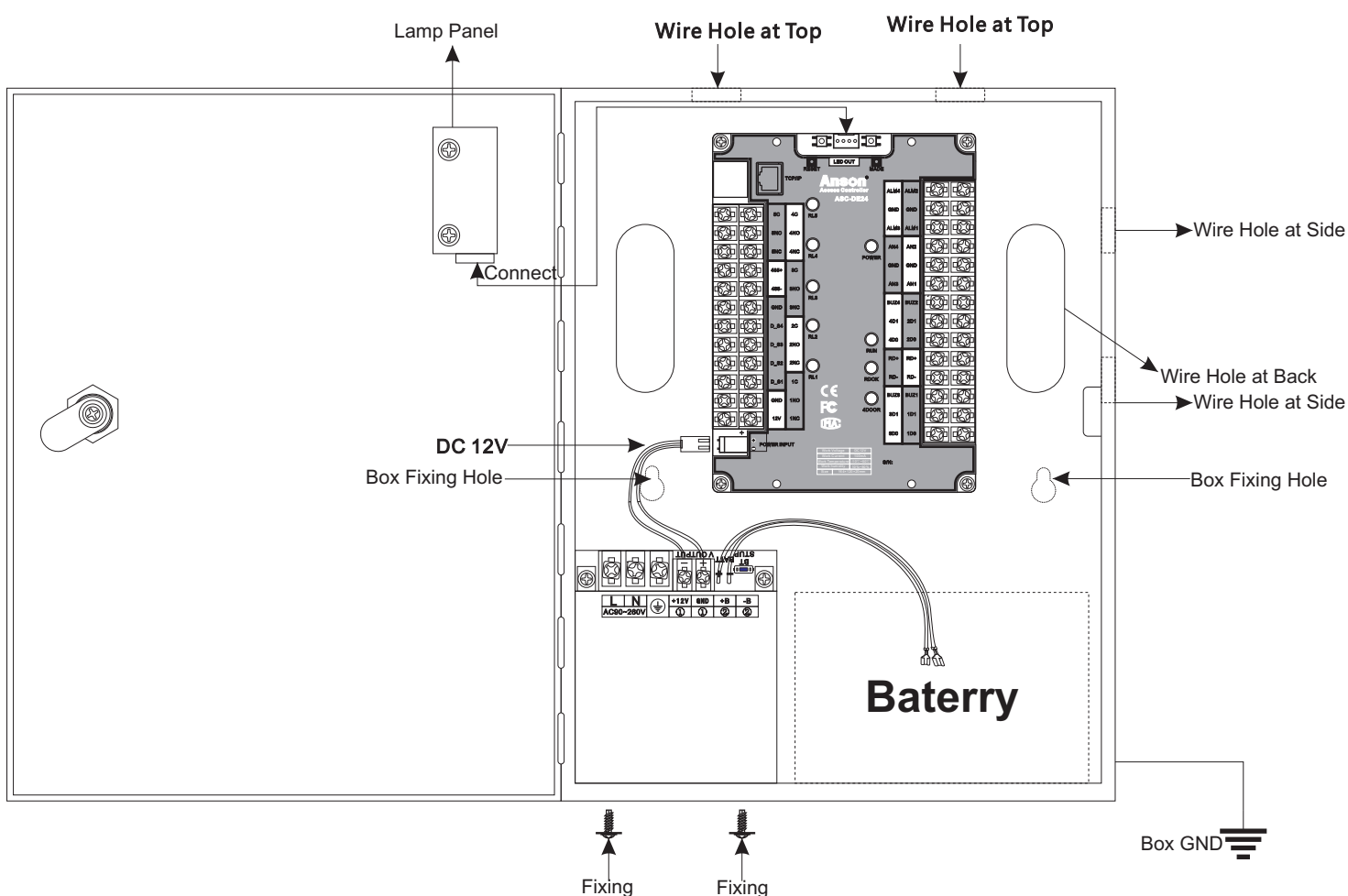
Wiring Diagram of Access Controller
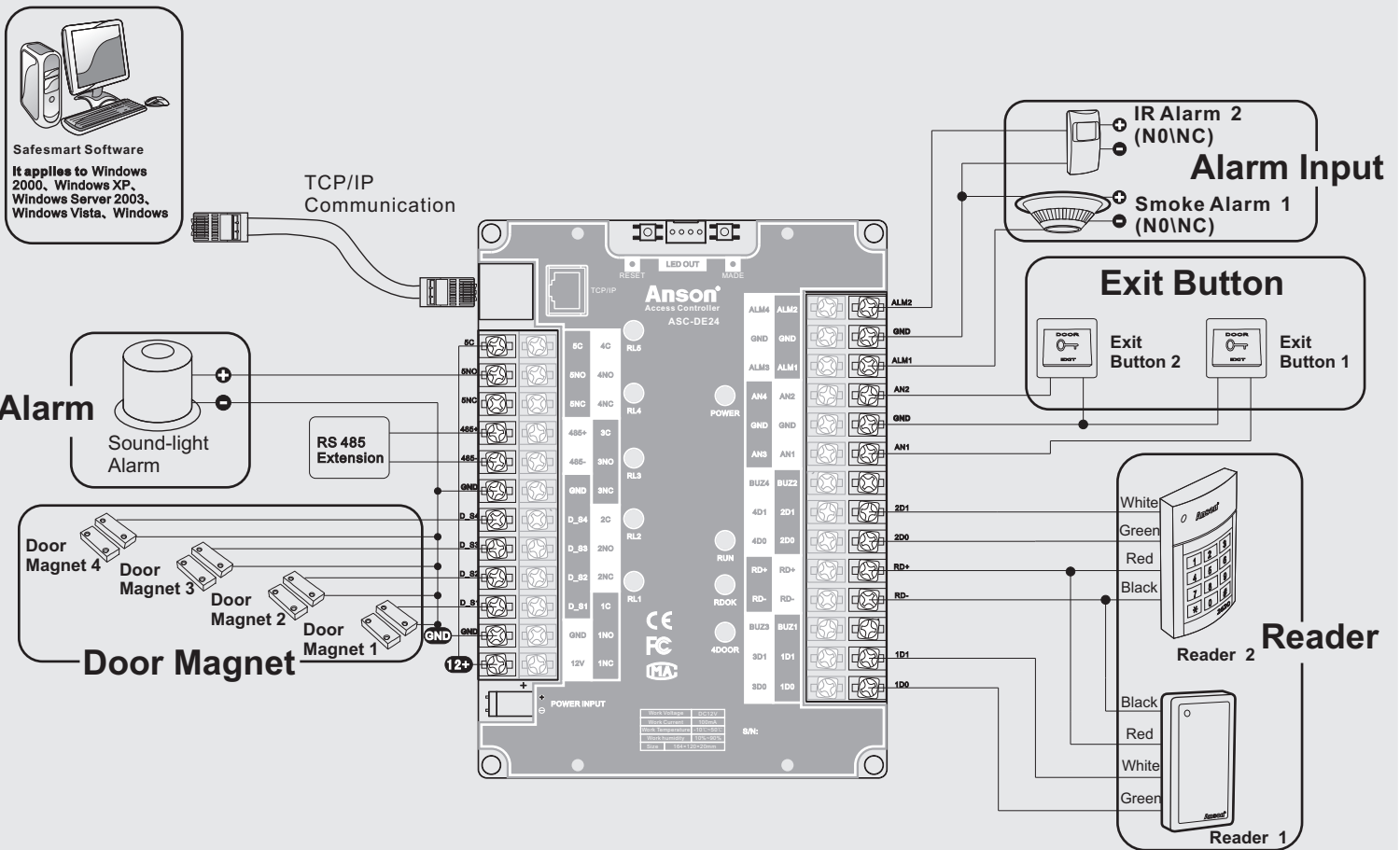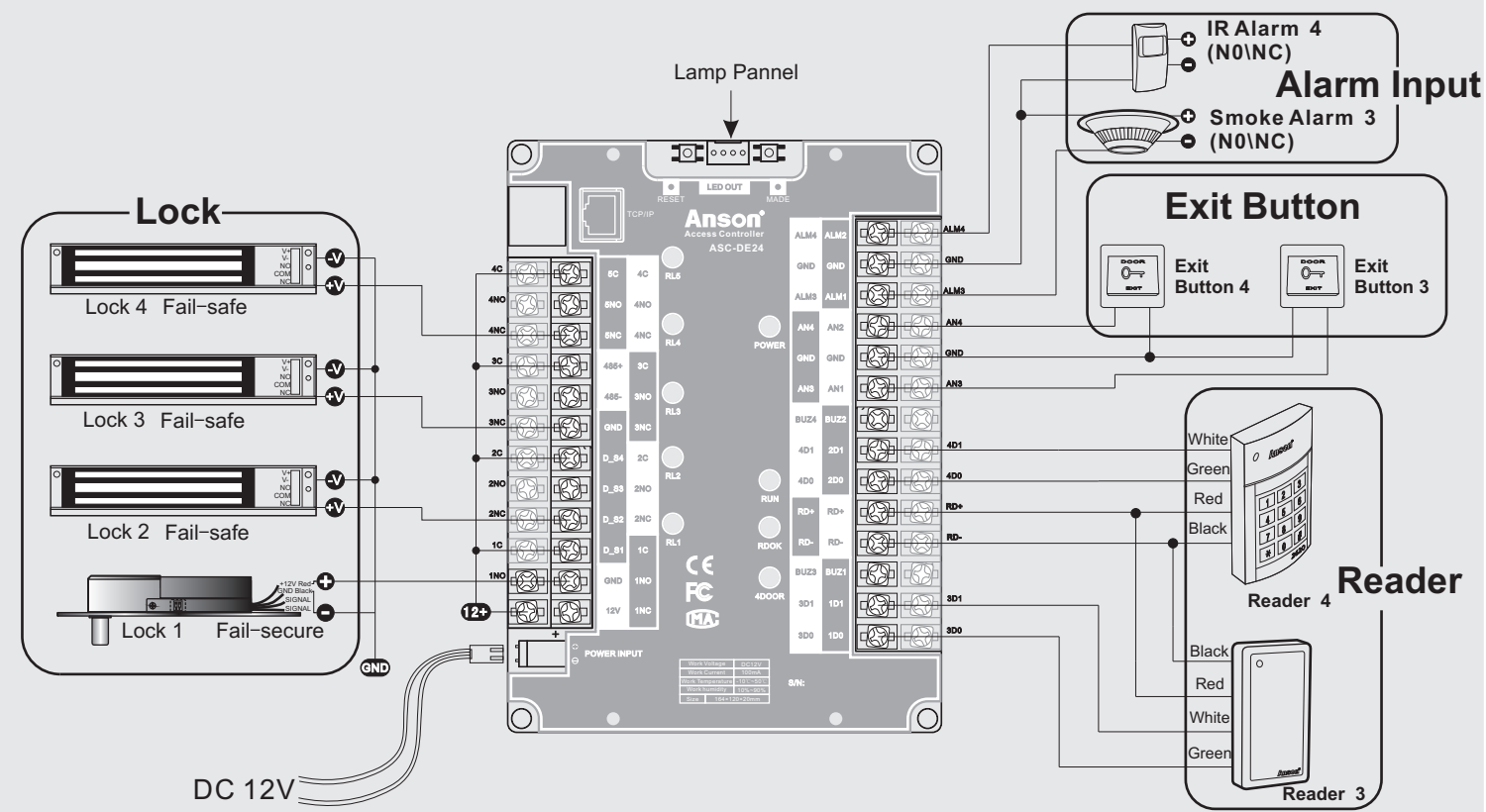
5.Connection

I\O	Device	Standard	Quantity	Setup
Input	Reader	Wiegand26-40	2/4	as function
Output	Electric Lock	Switch Signal	2/4	as doors
Input	Door-magnet	Switch Signal	2/4	Support
Output	Sound-light alarm	Switch Signal	1	
Input	IR Sensor\Smoke Sensor\others	Switch Signal	2/4	
Input	Exit Button	Switch Signal	2/4	Support
Input	RS 485 device	Communication	2	

6.Wiring Introduction

Wiring Position	Wire Model	Remark
Power Supply–Access Controller	RVV2*1.0	Distance<100M
Access Controller–Reader	RVV4*0.5	Distance 60M, max. can not over 100M.
Access Controller–Electric Lock	RVV4*1.0(Door-magnet feedback)	Distance<150M
Access Controller–Exit Button	RVV2*0.5	Distance<150-200M
Access Controller—IR Alarm	RVV2*1.0	Distance<200M
Access Controller—Sound-light Alarm	RVV2*1.0	Distance<150M
RS485 Communication Cable	RVVP2*1.0	Distance<1000M, shield layer connect to earth
TCP/IP Communication Cable	CAT-5	Distance<100M

7.LED Instruction

● Power:12V power LED
● RUN: Device run LED
● RDOK: Read card status LED.
● 4DOOR: the status LED of 4 doors

LED	RL1	RL2	RL3	RL4	RL5
Two-door	Lock1	Lock2	Magnet Alarm1	Magnet Alarm2	Alarm Output1
Four-door	Lock1	Lock2	Lock3	Lock4	Alarm(COM)

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