

Device Parameter

Working Voltage: DC 12V
 Working Current: Non-loaded <200mA
 Working Temperature: 20°C~50°C
 Working Humidity: 10%~90%
 Power Consumption: <3W
 Size: 156*85*17mm
 Communication Mode: TCP/IP
 Communication Rate: 10/100M (TCP/IP)
 Extension Communication: RS485
 Users Capacity: 20000
 Record Capacity: 70000
 Max. Doors: 2
 Dry Contact Input: 6
 Dry Contact Output: 3
 Access Group: 200 Groups
 Default IP address: 192.168.0.245
 Default Communication Password: NULL

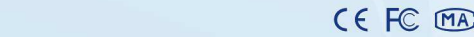
Commercial Access Control
ASC-DE12MINI



User Guide

Basic Function

- First card open
- Multi-card open
- Anti-passback
- Multi door interlock
- Card, password, card+password, card or password open mode
- Different time different open mode
- Transmission encryption setup
- Self-checking function
- Remote control
- Wiegand format can be self-defined
- Add card without software
- Multi-channel connection(max. 3 channels)
- Real-time events active or passive upload
- Arm/disarm by card
- Arm/disarm by software
- Relieve alarm by software
- Multi-event linkage alarm
- One event related to multi-relay trigger
- Alarm delay turn off
- Capacity can be expanded
- Self-defined door lock relay
- Self-defined control door quantity
- Door Latch mode
- Active door normal open mode by card
- Timed automatic normal open mode
- Timed invalid for exit button
- Normal open time
- Normal open holiday forbidden schedule
- Access time schedule
- Forbid access holiday schedule
- Door lock delay setup
- Access group setup
- Threaten code setup
- Force open/close door
- Open door by software
- Relieve normal open by card
- Relieve card and card valid date setup
- Expand RS485 communication
- Real-time monitoring door and relay state



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Anson Integrated Security Network Security Management

Matched Product

Reader

- ASR-RM12011, ASR-RM20021, ASR-260809, ASR-261011, ASR-262021
- ASR-RM30031, ASR-RM30041, ASR-2656, ASR-2656

Electric lock

- ASL-3302A/AS, ASL-3302ATATS, ASL-3301/3301+3301S, ASR-3302/3302S
- ASL-3301M/MS, ASL-3302M/2M, ASL-3301/3301S, ASL-3303/3303S

Exit button

- ASF-EN10A, ASF-EN20B, ASF-EN20C, ASF-EN30A, ASF-EN30B, ASF-EN50A, ASF-EN50B

Remoter

- ASF-EN10A, ASF-EN20B, ASF-EN20C, ASF-EN30A, ASF-EN30B, ASF-EN50A, ASF-EN50B

Card

- 125KHz, 13.56MHz, 125KHz, 125KHz, 125KHz, 125KHz, 125KHz, 125KHz

For more products, refer to our company product information.

Wiring Introduction

Wiring Function	Wire Model	Remark
Power Supply	RVV2*1.0	Distance<100M
Access Controller	RVV2*1.0	Distance<60M, max. can not over 100M
Access Controller- Electric Lock	RVV4*1.0(2Din+magnet feedback)	Distance<150M
Access Controller- Exit Button	RVV2*1.0	Distance<200M
Access Controller- IR Alarm	RVV2*1.0	Distance<200M
Access Controller- Sound-light Alarm	RVV2*1.0	Distance<150M
Access Controller- Relay	RVV2*1.0	Distance<100M, shield layer connect to earth
TCP/IP Communication Cable	CAT-5	Distance<100M

Connection

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

LED&Button Instruction

- Power: 12V power LED
- RUL: Device run LED
- RDOK: Read card status LED
- ZCOK: The status LED of 2 doors
- RDOP: Read device status (power mode)
- MODE Key: It is used to add card without software, please refer to instructions.
- RESET Key: It is used to reboot device and clear communication password. After power off, power on device again and press RESET button for 3 seconds, then you can clear communication password.

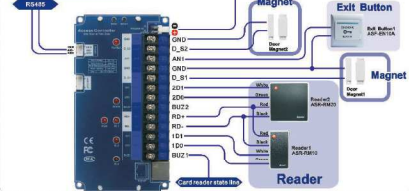
Safesmart Security Platform

It applies to Windows 2000, Windows XP, Windows Server 2003, Windows Vista, Windows 7.

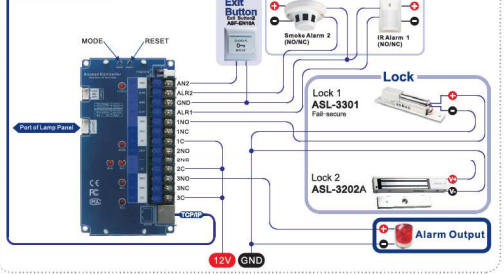
Sub-system:

- Access Control Management System
- Attendance Management System
- Real-time Monitor
- Alarm

Second Row Terminal



First Row Terminal



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Enterprise Security Server

ESS-16V32CA

This product can be used as access sub-control panel of enterprise security server.

Add Card without Software

The device supports adding card without software. Before adopt this mode, user must connect reader port (Buz) with B122 port of controller. Download Setup 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 300000 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 add 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 turn on, it goes to add card mode.
3. Present sample card, red light on, it goes to add card mode. Fully and can present read card.
4. Present program card again, red light on, it goes to add card mode. Fully and can present read card.

Delete Card

1. Present program card on reader.
2. Green light on, it goes to delete card mode.
3. Present sample card, red light on, it goes to delete card mode. Fully and can present read card.
4. Present program card again, red light on, it goes to delete card mode. Fully and can present read card.

Delete all Cards

1. Present program card on reader.
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 state.

Wiring Diagram of Access Controller

Quick Start

1. Search Controller

2. Add Controller

3. Add Card

4. Add Employee

5. Download Setup

Important Notices

- Power off when wiring.
- Power on when wiring OK.
- Power supply output current must 1.3 times bigger than device or current.
- Lock should better use separate power.
- All device must connect common GND.
- RS485 communication must use hand to hand connection.
- RS485 communication should have 120Ω to avoid reflection.
- When the current value is too big, the power supply will be shut down.
- The wiring of strong and weak should not be parallel and distance at least 20cm.
- RS485 line interface module cable shield to GND to avoid interference.
- Within RS485 line interface module, user can add a 120Ω resistor between the two ends of the cable.
- Reader can not install on the metal shield.

The manual is quick start for system, user can refer to software help file or other technical files for details.