Device Parameter

Working Voltage: DC 12V
Working Current: Non-loaded <200mA
Working Temperature: -20℃-50℃
Working Humidity:10%-90%
Power Consumption: <3W
Size: 123×114×20mm
Communication Mode: TCP/IP
Communication Rate: 10/100M (TCP/IP)
Extension Communication: RS485
Users Capacity: 20000
Users Capacity: 70000 records
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

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

Anson® Integrated Security Network Security Management

Commercial Access Control

ASC-DE12

User Guide

CE FC MA

www.ansoncorp.com Anson® Integrated Security Network Security Management

Matched Product

Reader

ASR-RM10/11 RM10 : 125KHZ ID Reader RM11 : 13.56MHZ IC Reader
ASR-RM20/21 RM20 : 125KHZ ID Reader RM21 : 13.56MHZ IC Reader
ASR-2608/09 2608 : 125KHZ ID Reader 2609 : 13.56MHZ IC Reader
ASR-2610/11 2610 : 125KHZ ID Reader 2611 : 13.56MHZ IC Reader
ASR-2620/21 2620 : 125KHZ ID Reader 2621 : 13.56MHZ IC Reader
ASR-RM30/31 RM30 : 125KHZ ID Reader RM31 : 13.56MHZ IC Reader
ASR-RM40/41 RM40 : 125KHZ ID Reader RM41 : 13.56MHZ IC Reader
ASR-2656 915MHZ Long range reader
ASR-2658 2.4G Long range reader

Electric lock

ASL-3202A/AS 3202A : 280KG Magnetic Lock (Door magnet)
ASL-3202A/TATS 3202AT : 280KG(Single)/180KG(Double) Magnetic Lock (Water Proof/Door magnet)
ASL-3301/3301+/3301S 330 : Electric lock (With Strip) 330+ : Electric lock (With Strip) 330S: Electric bolt (Door magnet)
ASL-3302/3302S 3302 : Electric lock (With Key) 3302S: Electric bolt (Door magnet/With Key)
ASL-3201M/MS 3201M : 180KG Magnetic lock (Embedded Install) 3201MS : 180KG Magnetic lock (Embedded Install/Door magnet)
ASL-3202B/3202BS 3202B : 280KG Tri-color Magnetic lock (Door magnet) 3202BS : 280KG Tri-color Magnetic lock (Door magnet)
ASL-3501/3501S 3501 : Electric Strike (Door magnet) 3501S: Electric Strike (Door magnet)
ASL-3503/3503S 3503 : Electric Strike (Europe) 3503S: Electric Strike (Europe)(Door magnet)

Exit button

ASF-EN10A ASF-EN20B ASF-EN20C ASF-EN30A ASF-EN30B ASF-EN90A ASF-EN90B

Remoter

Card

Thick card, Thin card Key card Wristband card Epoxy card 915MHz label 2.4G Active card

For more products,refer to our company product information.

Wiring Introduction

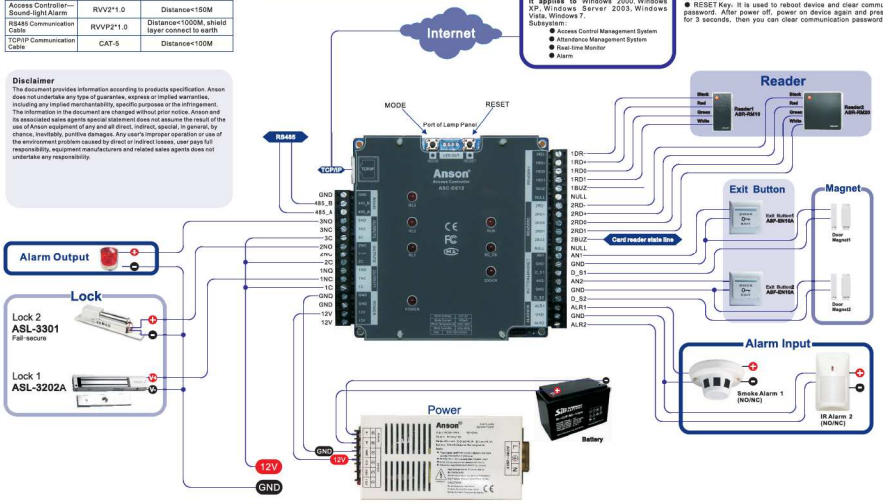
Wiring Position	Wire Model	Remark
Power Supply--Access Controller	RVV2*1.0	Distance<100M
Access Controller--Reader	RVV4*0.5	Distance 60M, max. can not over 100M.
Access Controller--Electric Lock	RVV4*1.0(Door-magnet feedback)	Distance<150M
Access Controller--Exit Button	RVV2*0.5	Distance<200M
Access 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

Disclaimer

The document provides information according to products specification. Anson does not undertake any type of guarantee, express or implied warranties, including any implied merchantability, specific purposes or the infringement. The information in the document are changed without prior notice. Anson and its associated sales agents special statement does not assume the result of the use of Anson equipment of any and all direct, indirect, special, in general, by chance, inevitably, punitive damages. Any user's improper operation or use of the environment problem caused by direct or indirect losses, user pays full responsibility, equipment manufacturers and related sales agents does not undertake any responsibility.

Connection

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



Wiring Diagram of Access Controller

Safesmart Security Platform

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

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

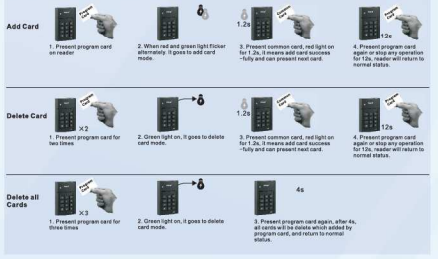
LED&Button Instruction

LED	RL1	RL2	RL3
One-door	Lock1	Magnet Alarm1	Alarm Output1
Two-door	Lock1	Lock2	Magnet Alarm1

- Power:12V power LED
- RUN: Device run LED
- RDOK: Read card status LED.
- 4 DOOR: the status LED of 4 doors
- MODE key: It is used to add card without software, please refer to instruction.
- 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.

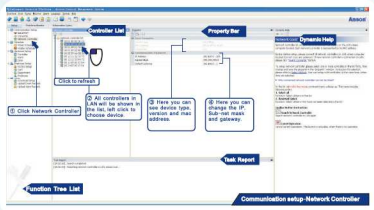
Add Card without Software

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.

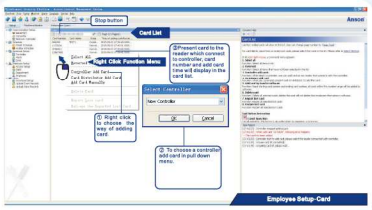


Instruction of Wiring

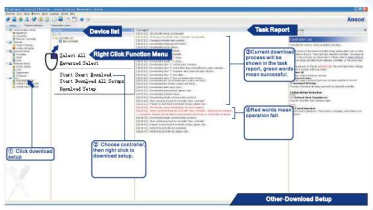
Quick Start



Notice:
1. Controller IP must the same as you set.
2. Controller model must the same as device type. You can detect controller and check the device type in task report.
3. Sometime we can use ping command to test the device physical connection.
4. Controller Address only valid when use MS series controller or TCP/IP to RS485 convertor, otherwise, the default is 0.
5. Wrong time may no access and incorrect access record, please adjust the time.
6. Initialize the controller will clear the device records, please make sure the records is saved.

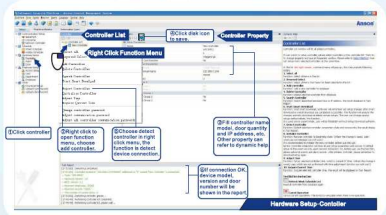


Notice:
1.If there are employee name the same, then can separate by code. Code is unique.
2.Card number is decimal number.
3.Default administrator access group can pass anywhere anytime, it is the top authority.
4.Each employee can with a separated digit password.
5.Import from excel can quick register employee.

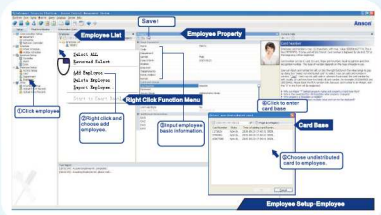


1.Search Controller → 2.Add Controller → 3.Add Card → 4. Add Employee → 5.Download Setup

Notice:
1. Search function only valid in same LAN, as adopt UDP communication protocol, across gateway will forbid communication.
2. When connect network cable to device, Ethernet port green light on, yellow light flash.
3. Please note that IP address can not be the same.
4. Domain name can be used in the software.



Notice:
1.Three ways to add card, card distributor add card, controller add card and add card manually. Card distributor add card need choose our card distributor.
2.Same card can only add once.
3.Please note that delete card will clear the card related to employee.



Notice:
1.Three download setup ways: Download setup, download all setups, smart download. Download setup refer to current device, download all setups and smart download refer to all devices. Smart download only download updated contents. Other two is download all setups.
2.When adopt smart download and download all setups, if there is device offline, it will prompts error.
3.Default administrator access group can pass anywhere anytime, it is the top authority.

Important Notices

- Power off when wiring.
- Power on when wiring OK.
- When RS485 line interface more devices, user can add a 120Ω resistance between 485+ and 485- of last device.
- Reader can not install on the metal directly.

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