

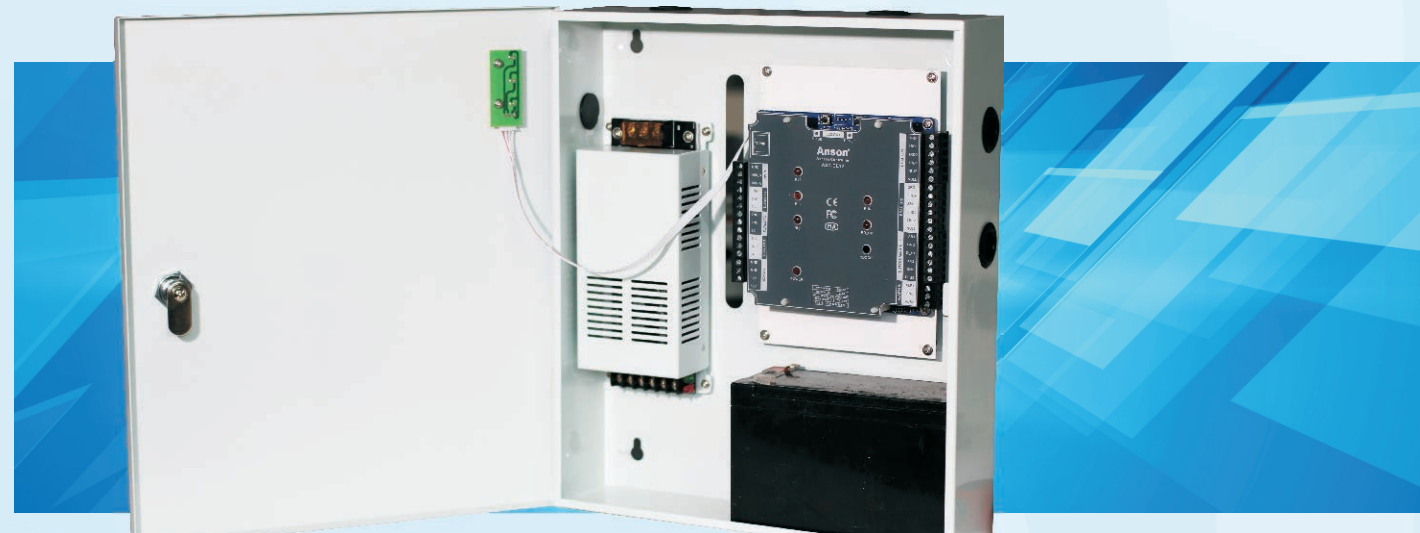
Device Parameter

Working Voltage: DC 12V
 Working Current: Non-loaded <200mA
 Working Temperature: -20°C~50°C
 Working Humidity: 10%~90%
 Power Consumption: <3W
 Size: 123x114x20mm
 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

Commercial Access Control ASC-DE12



User Guide



www.ansoncorp.com

Anson® Integrated Security Network Security Management

Matched Product

Reader

- ASR-RM10/11: 125KHz ID Reader, RM11: 13.56MHz IC Reader
- ASR-RM20/21: 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, 3202AS: 280KG Magnetic lock (Door magnet)
- ASL-3202AT/ATS: 3202AT: 280KG Magnetic lock (Water Proof), 3202ATS: 280KG Magnetic lock (Water Proof, Door magnet)
- ASL-3301/3301+ /3301S: 3301: Electric bolt (With Key), 3301+: Electric bolt (With Delay), 3301S: Electric bolt (Door magnet)
- ASR-3302/3302S: 3302: Electric bolt (Door magnet), 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 Two Door Magnetic lock, 3202BS: 280KG Two Door Magnetic lock (Door magnet)
- ASL-3501/3501S: 3501: Electric Strike, 3501S: Electric Strike (Door magnet)
- ASL-3503/3503S: 3503: Electric Strike (Europe), 3503S: Electric Strike (European, Door magnet)

Exit button

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

Remoter

- Key card, Wristband card, Epoxy card, 915MHz label, 2.4G Active card

Card

Thick card, Thin 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

Connection

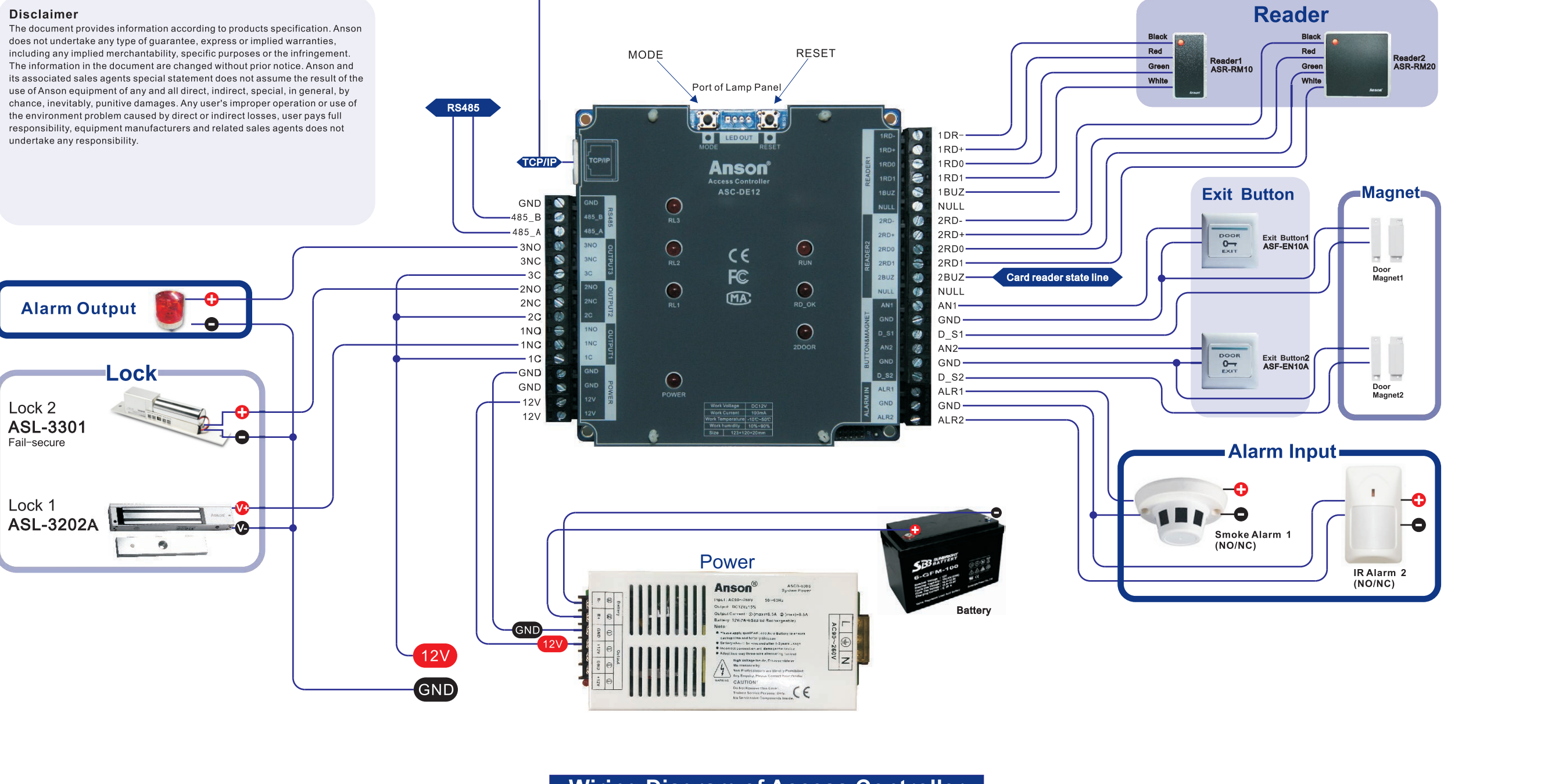
I/O	Device	Standard	Quantity	Setup
Input	Reader	Wiegand26-40	2	as function
Output	Electric Lock	Switch Signal	1/2	as doors
Output	Door-magnet	Switch Signal	1/2	Support
Output	Sound-light alarm	Switch Signal	1/2	Support
Input	IR Sensor/Smoke Sensor/others	Switch Signal	2	
Input	Exit Button	Switch Signal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

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
- RDCK: Read card status LED
- 4DOOR: the status LED of 4 doors
- 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.

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.



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 fully and can present next card.
4. Present program card again or stop any operation for 12s, reader will return to normal status.

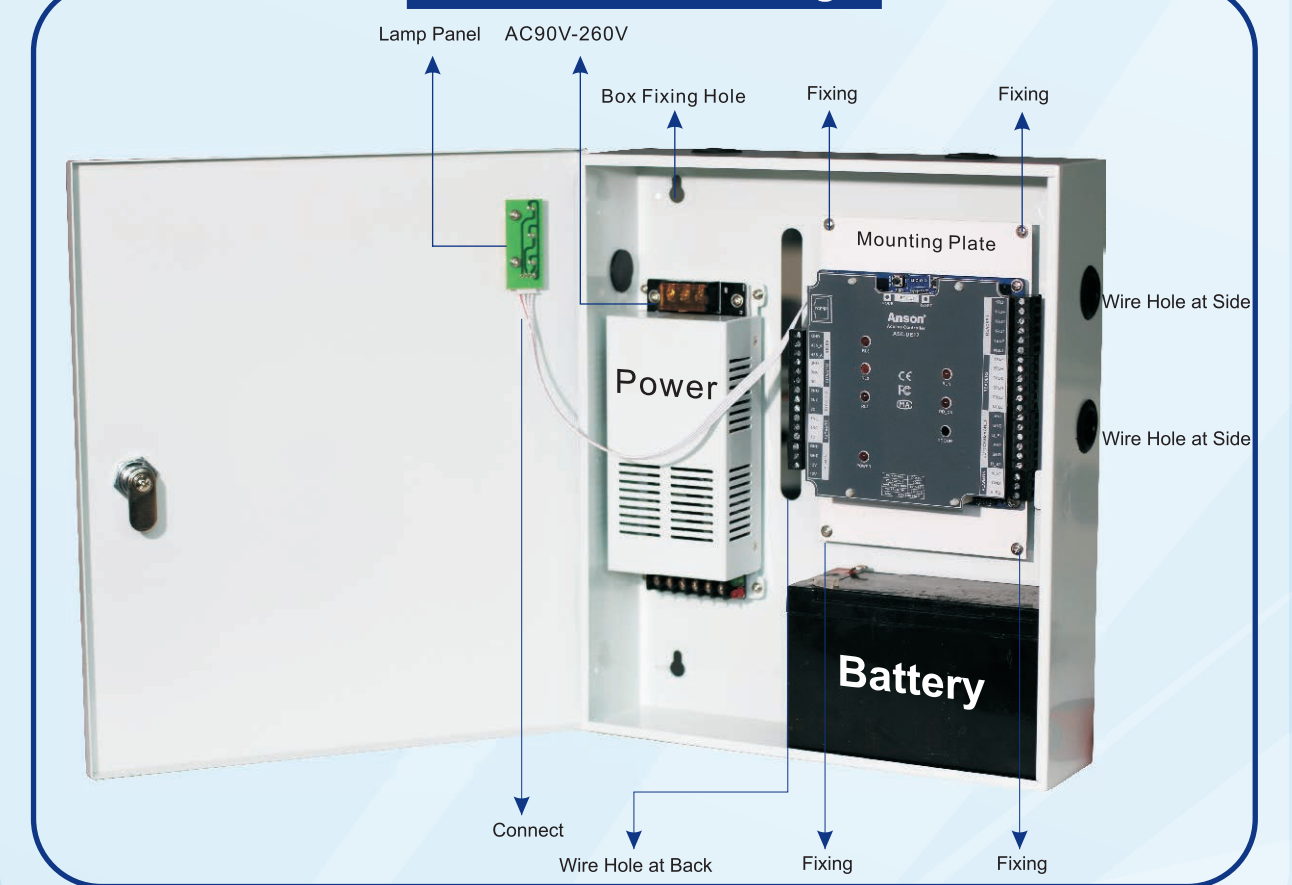
Delete Card

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 fully and can present next card.
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.

Instruction of Wiring



Quick Start

1. Search Controller

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

2. Add Controller

Notice: 1. Controller IP must be the same as you set. 2. Controller model must be the same as device type. You can detect controller and check the device type in task report. 3. Usually 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 converter, 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.

3. Add Card

Notice: 1. Three ways to add card, card distributor add card, controller add card and add 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.

4. Add Employee

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 separate-digit password. 5. Import from excel can quick register employee.

5. Download Setup

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 prompt 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.
- Power supply output current must 1.3 times bigger than device work current.
- Lock should better use separate work.
- All device must connect common GND.
- RS485 communication must use hand to hand connection.
- Between different reader should have 10cm to avoid interference.
- As it is a current weak system, strong and weak isolation must be done.
- The wiring of strong and weak should not be parallel and distance at least 20 cm.
- RS485 line should connect the cable shield to GND to avoid interference.
- When RS485 line interface more devices, user can add a 120 Ω 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.

设备参数

工作电压: DC12V
 工作电流: 无负载200mA
 工作温度: -20°C~50°C
 工作湿度: 10%~90%
 功耗: <3W
 尺寸: 123×141×20MM
 通信方式: TCP/IP
 通信速率: 10M/100M网络
 扩展通信: RS485
 用户容量: 20000
 记录容量: 70000
 最大门数: 2门
 干节点输入数量: 6
 干节点输出数量: 3
 通信权限数量: 200组
 默认IP地址: 192.168.0.245
 默认通信密码: 无

基本功能

- 首次开门功能
- 多卡开门功能
- 防潜回组设置
- 多门互锁组设置
- 卡、密码、卡+密码、卡或密码开门模式
- 不同时间不同开门模式
- 通信加密设置
- 设备自检功能
- 远程门控功能
- Wiegand格式可自定义设置
- 无软件加卡模式
- 设备多通信连接(最多3个通道)
- 实时事件主动或被动上传功能
- 刷卡布撤防功能
- 软件布撤防功能
- 软件解除报警功能
- 多种事件联动报警功能
- 一对多继电器联动触发
- 报警延时关闭
- 设备容量可扩展
- 可自定义门继电器
- 可自定义控制门数量
- 门控模式
- 刷卡后触发门常开模式
- 计时自动门常开模式
- 出门按钮失效时间编程
- 门常开时间编程
- 门常开假日禁止计划
- 可通行时间计划
- 禁止通行假日计划
- 门锁延时时间设置
- 门开超时报警时间设置
- 可通行权限组设置
- 胁迫密码设置
- 强制开关门功能
- 软件开门功能
- 刷卡解除门常开功能
- 卡片激活和到期时间设置
- 扩展RS485通信
- 实时监控门状态、继电器状态

商业级门禁控制器

ASC-DE12



用户手册



www.ansoncorp.net

Anson® / 统一安全 Integrated Security Management

配套产品

读卡器产品



电锁产品



按钮产品



遥控产品

卡类产品



欢迎查阅本公司产品资料, 查找更多产品。

接线说明

接线位置	线材型号	要点
电源-控制器	RVV2*1.0	距离<100M
控制器-读卡器	RVV4*0.5	距离60M, 最远不超过100M
控制器-电锁	RVV4*1.0 (带门磁反馈)	距离<150M
控制器-出门按钮	RVV2*0.5	距离<200M
控制器-红外报警器	RVV2*1.0	距离<200M
控制器-声光报警器	RVV2*1.0	距离<150M
RS485通信线	RVVP2*1.0	距离<1000M, 屏蔽层接地
TCP/IP通信线	5类线	距离<100M

可接设备说明

I/O	设备类型	标准	厂商	数量	设置
输入	读卡器	Wiegand26-40	通用	2	根据功能设置
输出	电锁	开关量	通用	1,2	根据门数设置
输入	门磁	开关量	通用	1,2	根据门数设置
输出	声光报警器	开关量	通用	1,2	根据门数设置
输入	红外/烟感/其它	开关量	通用	2	根据门数设置
输入	出门按钮	开关量	通用	1,2	根据门数设置
输入	RS485设备	通信	通用	1	根据门数设置

指示灯和按键说明

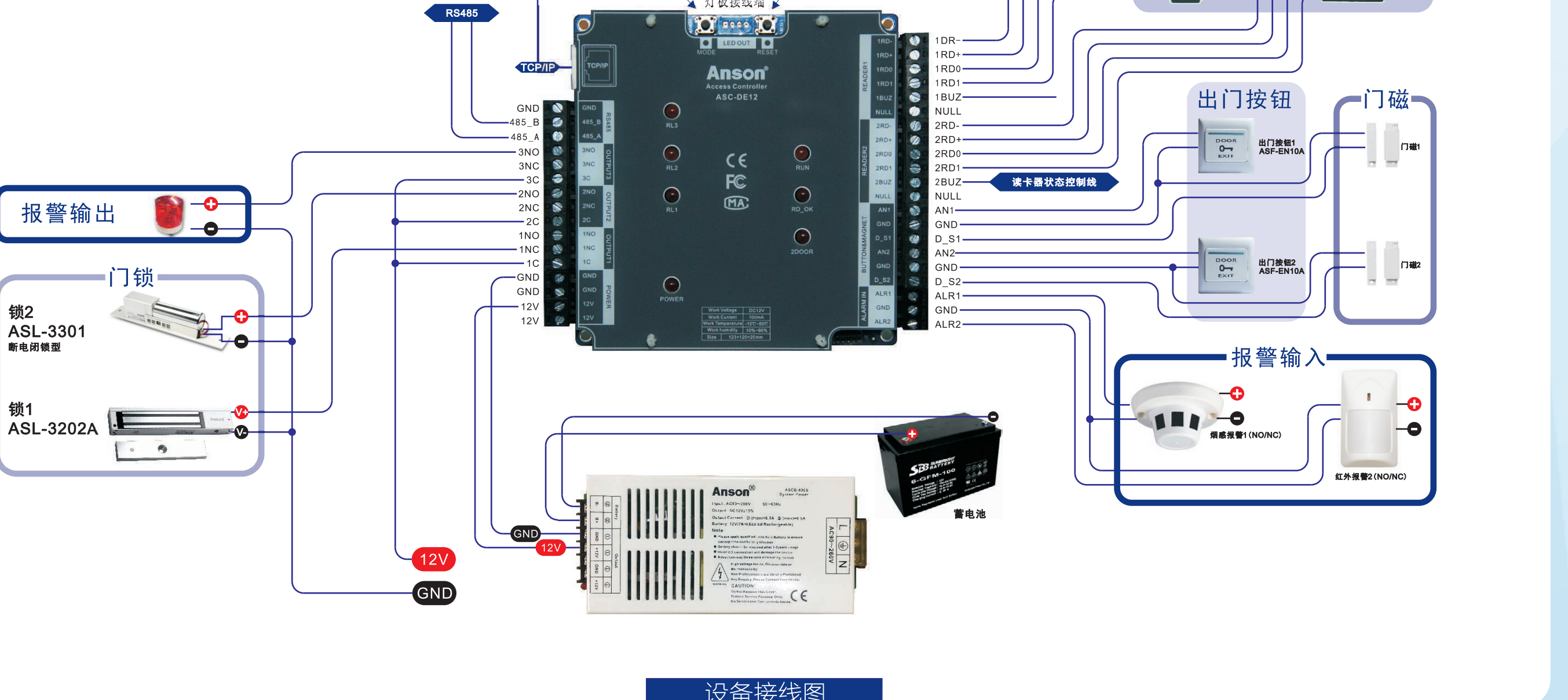
指示灯	RL1	RL2	RL3
单门	门磁1	门磁报警1	报警输出1
双门	门磁1	门磁2	报警(共用)

指示灯和按键说明

- Power: 12V电源指示灯, 为常亮状态。
- RUN: 设备运行指示灯, 为闪烁状态。
- RDOK: 读卡状态指示灯, 读卡后闪烁。
- 2DOOR: 2门状态指示灯, 设置为2时常亮。
- MODE键: 是用来实现无软件加卡的, 请参看无软件加卡说明。
- RESET键: 是用来实现设备重新启动和清除通信密码的。断电后, 重新上电, 按住RESET键3秒, 可清除通信密码。

免责声明:

文档内容按产品规格提供, 安森不承担任何类型的担保, 明示或暗示, 包括任何暗示的适销性担保、特定用途, 或者侵权。文档中的信息如有变更, 恕不另行通知。安森及其关联经销商特别声明不承担由于使用安森设备而产生的任何直接或间接、特殊、偶然、必然、惩罚性的损害赔偿。因用户操作不当或使用环境问题而引起的直接或间接损失, 由用户自行承担, 设备厂商及其关联经销商不承担任何责任。



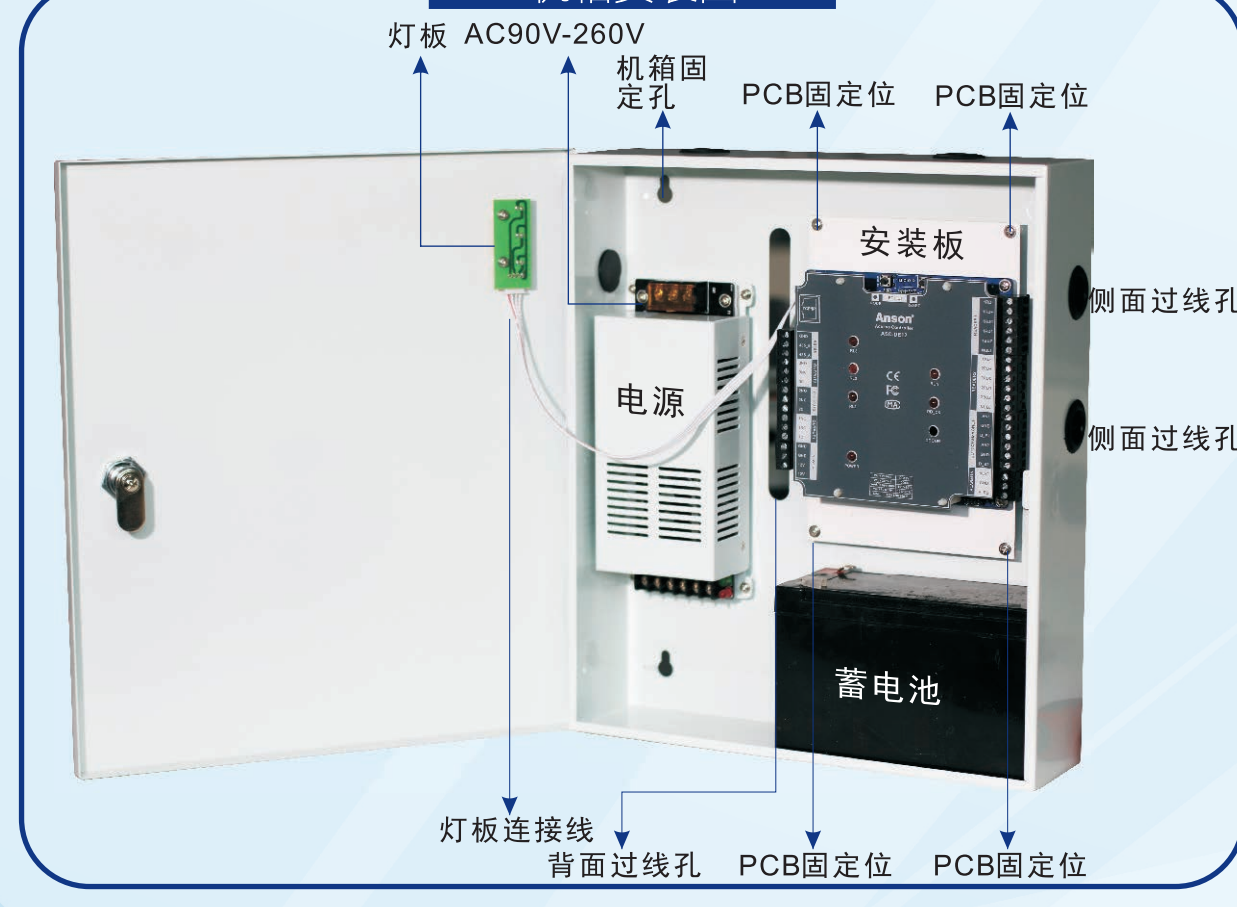
设备接线图

无软件加卡

本设备支持无软件加卡模式, 通过专用的编程卡, 可以在无软件的情况下加卡。使用此模式需要将读卡器的blue(蓝色)指示灯和读卡器的BUZ接口连接。这样才能通过读卡器的LED灯知道控制器处于什么编程状态。通过编程卡加的卡和软件加的卡是不兼容的。设置下载不会覆盖编程加的卡, 但可以通过软件清除编程加的卡, 默认是开启编程卡模式的, 可以通过软件禁止。编程卡加卡可以加入3000张卡, 都是管理权限。设置编程卡: 按住模式键Mode, 3秒后, 刷任意一张卡, 此卡就设置为编程卡了, 退出设置编程卡模式, 可连续按两次模式键或等待30秒。



机箱安装图



软件快速部署

1. 搜索设备

注意: 1. 搜索功能只能用于同一个局域网内, 由于搜索设备使用广播包, 所以搜索设备时, 网络中所有设备都会收到广播包, 网络繁忙时, 网络上的所有设备都会亮起, 黄灯。

2. 注意IP地址不能重复, 不带有特殊字符。

3. 软件支持域名输入。

2. 添加设备

注意: 1. 控制器的IP地址填入的内容和实际设置的保持一致。

2. 控制器的型号和实际的设备型号保持一致, 否则无法通过控制功能。

3. 任意报警中查看到设备名称, 说明设备已经连接成功。

4. 地址在使用MCS系列的控制器或者使用TCP/IP和RS485接口的设备时, 其它设备地址为00。

5. 编程的时间会影响的通信, 产生错误的记录, 请谨慎使用。

6. 删除控制器的记录, 请谨慎使用。

3. 添加卡片

注意: 1. 添加的方式为控制器加卡, 卡的方式为: 刷卡、读卡器加卡、读卡器加卡、读卡器加卡。

2. 相同的卡只能加入一次。

3. 删除卡会同时删除人员的关联卡, 请谨慎使用。

4. 增加人员

注意: 1. 人员姓名如果重复, 可通过编号区分, 编号是不等长10进制的数字。

2. 使用默认的管理员权限, 可以24小时通行任何地点, 是最高级的权限。

3. 每个人可以持有一组唯一的密码。

4. 通过表格导入的方式可以快速的录入人员。

5. 下载设置

注意: 1. 在下载过程中, 不要断电。

2. 在下载过程中, 不要断电。

3. 在下载过程中, 不要断电。

4. 在下载过程中, 不要断电。

5. 在下载过程中, 不要断电。

6. 在下载过程中, 不要断电。

7. 在下载过程中, 不要断电。

8. 在下载过程中, 不要断电。

9. 在下载过程中, 不要断电。

10. 在下载过程中, 不要断电。

本部署说明仅为快速设置一台设备并加卡, 让人通行。其它更复杂功能请查看软件帮助文件或其它技术文件。