

Device Parameter

Working Voltage: DC 12V
Working Current: Non-loaded <200mA
Working Temperature: -20℃~50℃
Working Humidity: 10%~90%
Power Consumption: <3W
Size: 178*141*20mm
Communication Mode: TCP/IP
Communication Rate: 10/100M (TCP/IP)
Extension Communication: RS485
Users Capacity: 20000
Users Capacity: 70000 records
Max. Doors: 4
Dry Contact Input: 5
Dry Contact Output: 12
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-DE24



User Guide



www.ansoncorp.com

Anson® Integrated Security Network Security Management

Matched Product

Reader



Electric lock

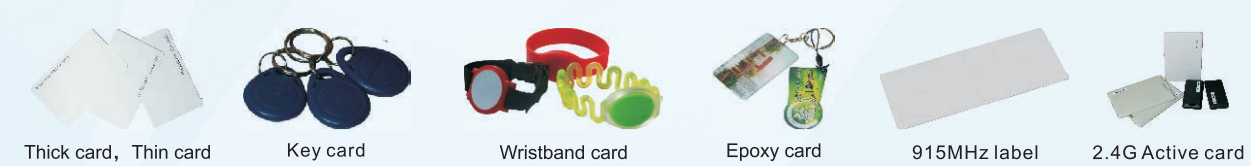


Exit button



Remoter

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 ground
TCP/IP Communication Cable	CAT-5	Distance<100M

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Connection

IO	Device	Standard	Quantity	Setup
Input	Reader	Wiegand25-40	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	1	



Safesmart Security Platform

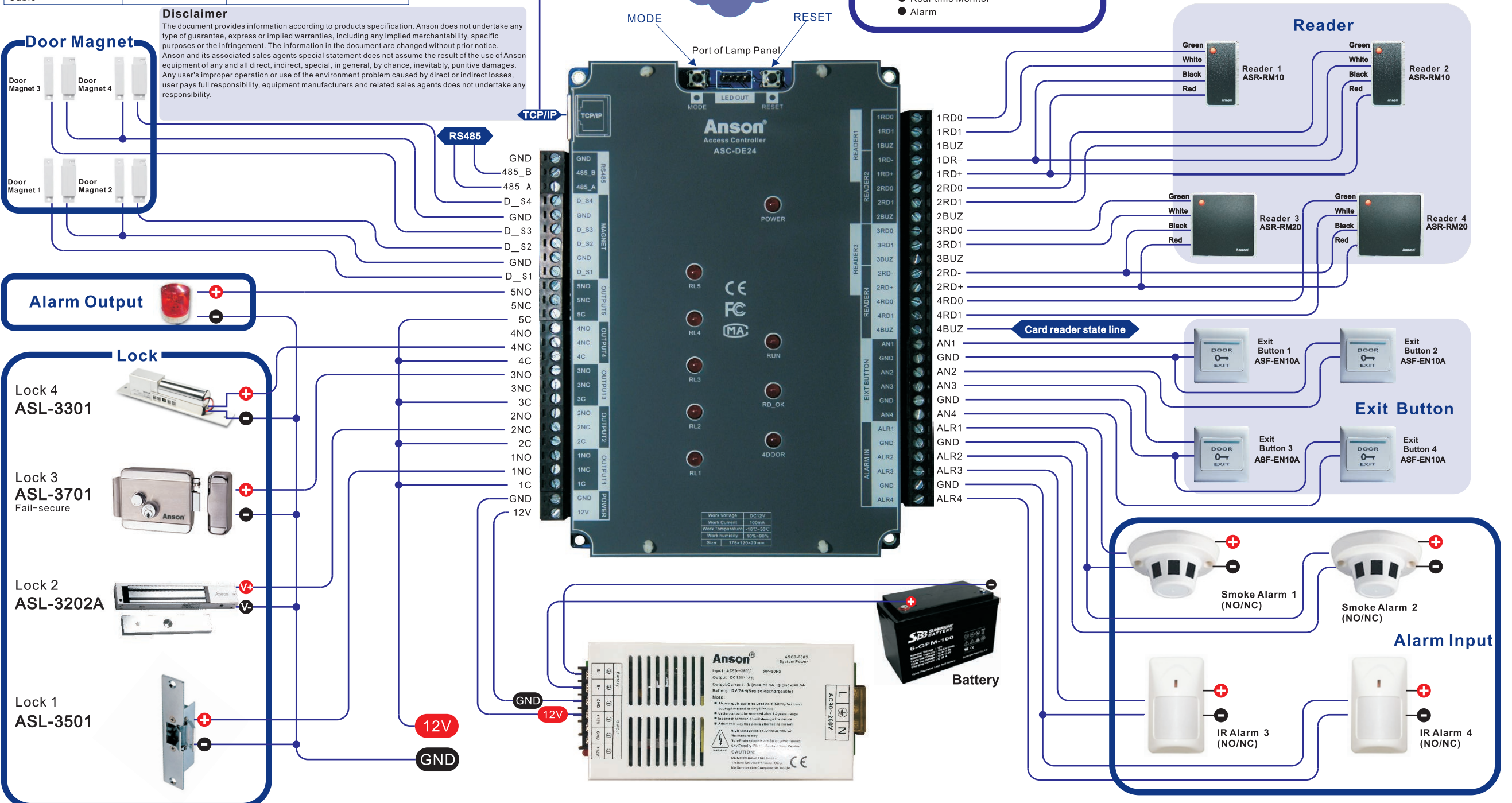
It applies to Windows 2000, Windows XP, Windows Server 2003, Windows Vista, Windows 7.

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

LED&Buttom Instruction

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

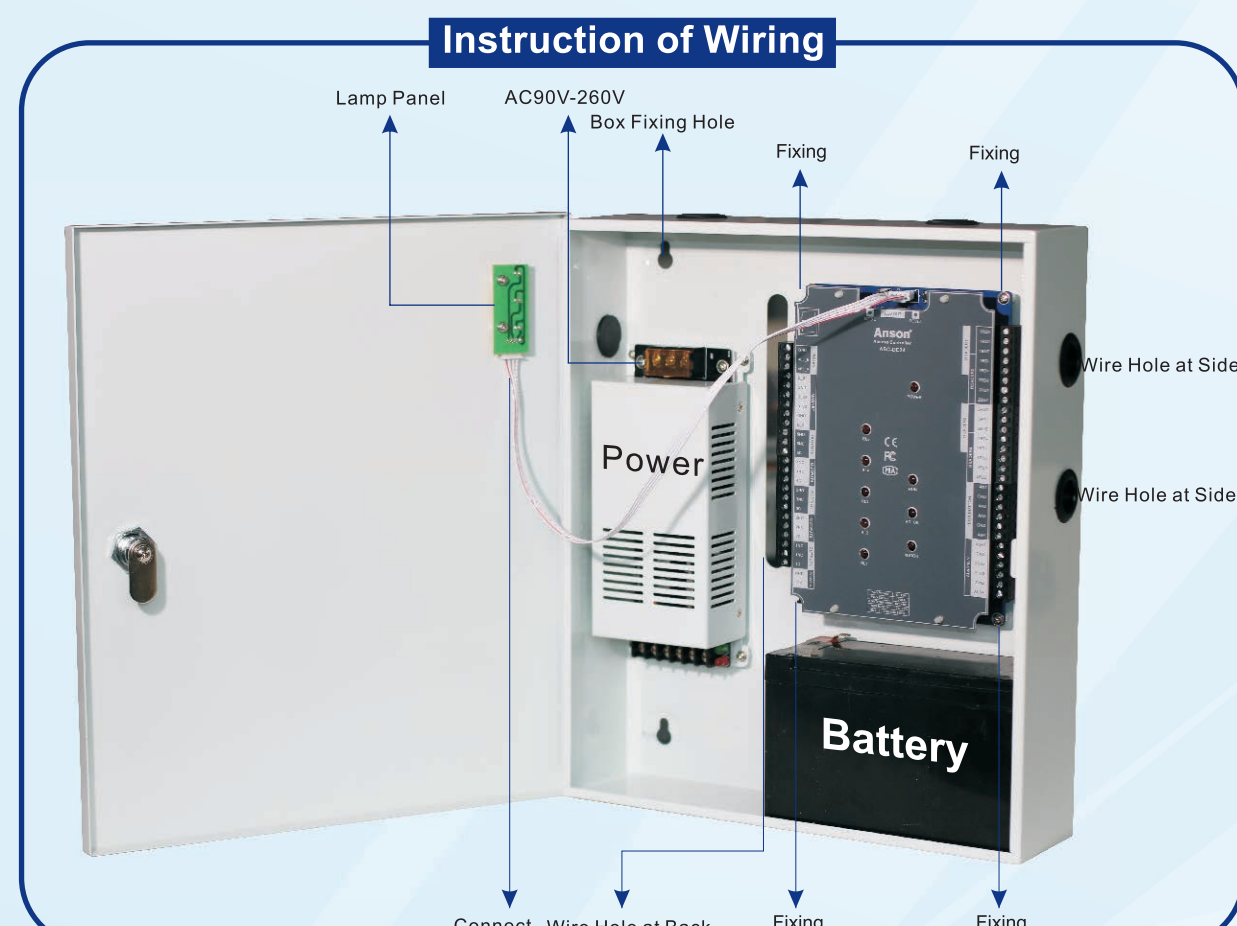
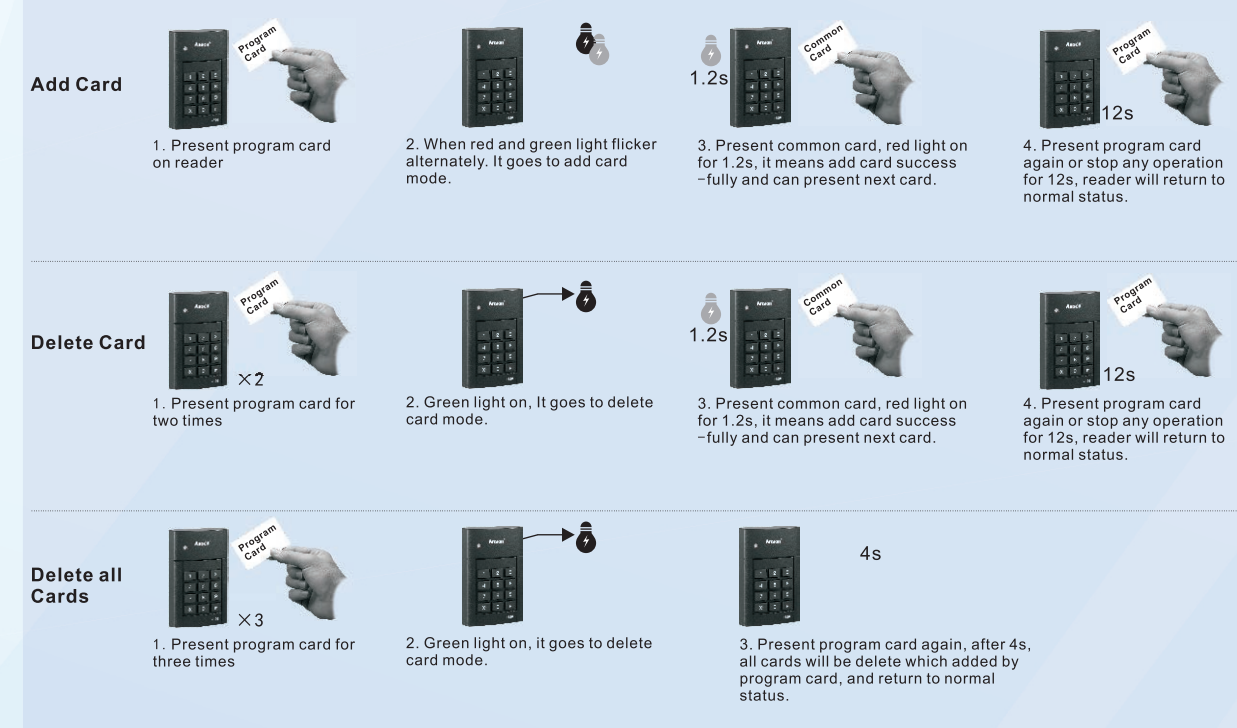
- Power: 12V power LED
- RUN: Device run LED
- RDOK: Read card status LED.
- 4DOOR: the status LED of 4 doors
- MODE Key: It is used to add card without software, please refer to instructions.
- RESET Key: It is used to reboot device and clear communication password. After power off, power on device again and press RESET button for 3 seconds, then you can clear communication password.



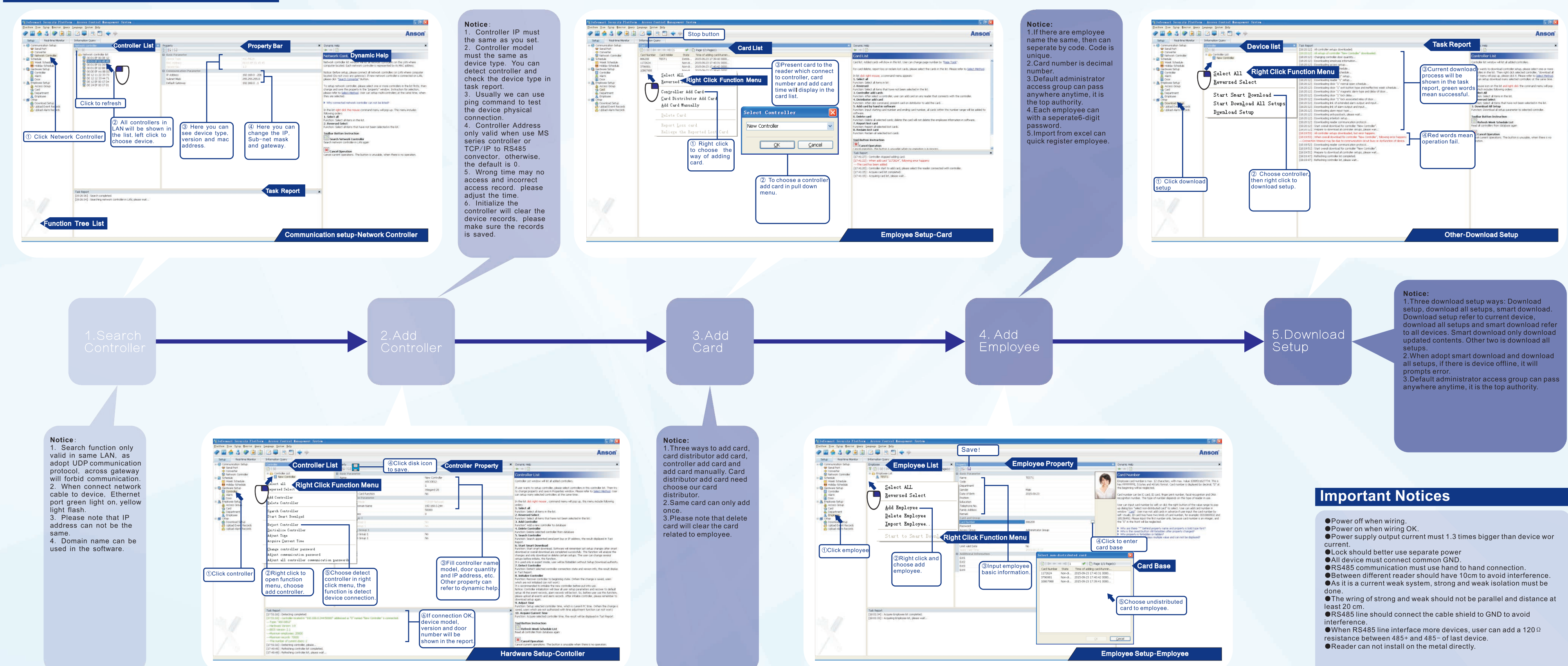
Wiring Diagram of Access Controller

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.



Quick Start



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

