Access Control Wiring

Device List

Device Type	List
Controller	DH-ASC1204B-S
Reader	ASR1201D
Accessories	Exit Button: ASF900 Magnetic Lock Cables
Software	SmartPSS

Exit Button and Door sensor
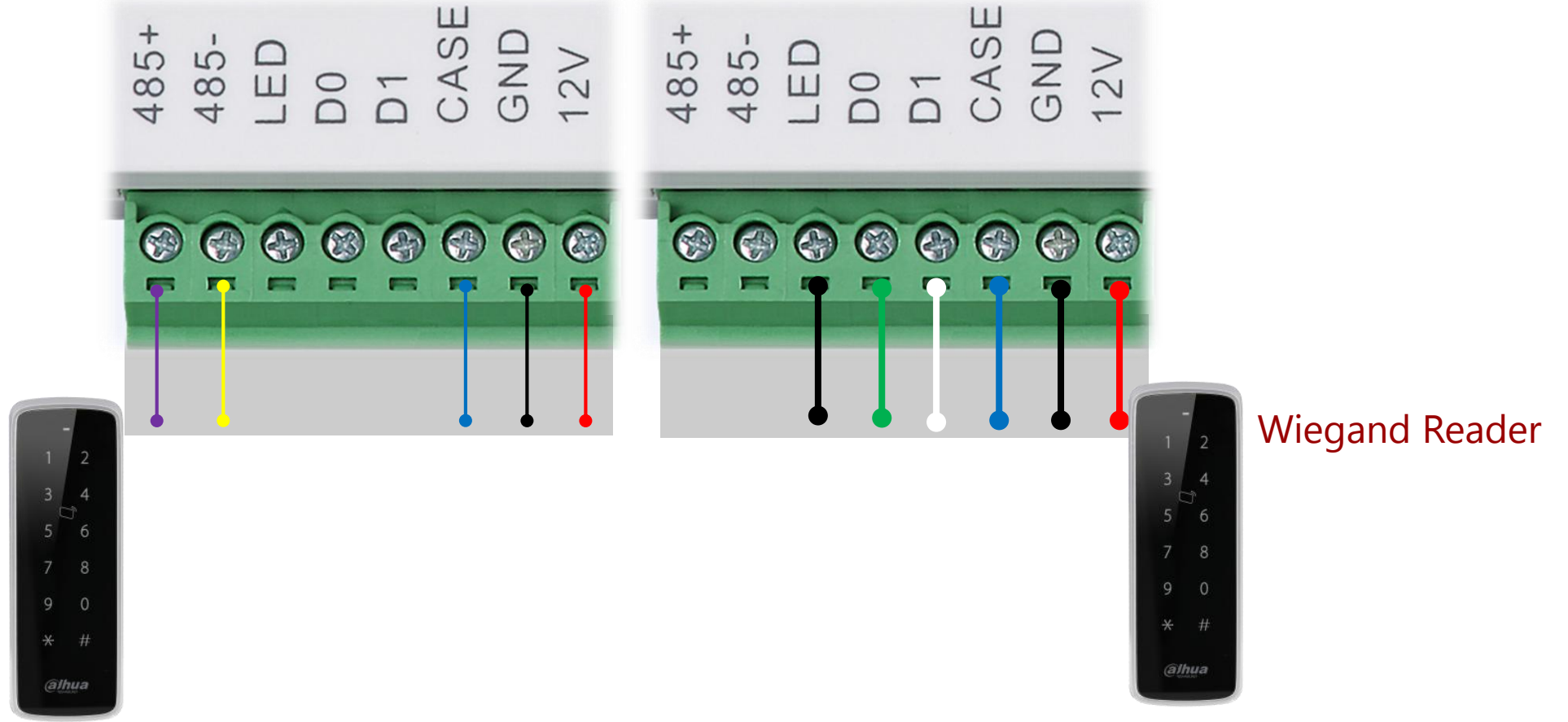
Magnetic Lock

12V1A

Magnetic Lock
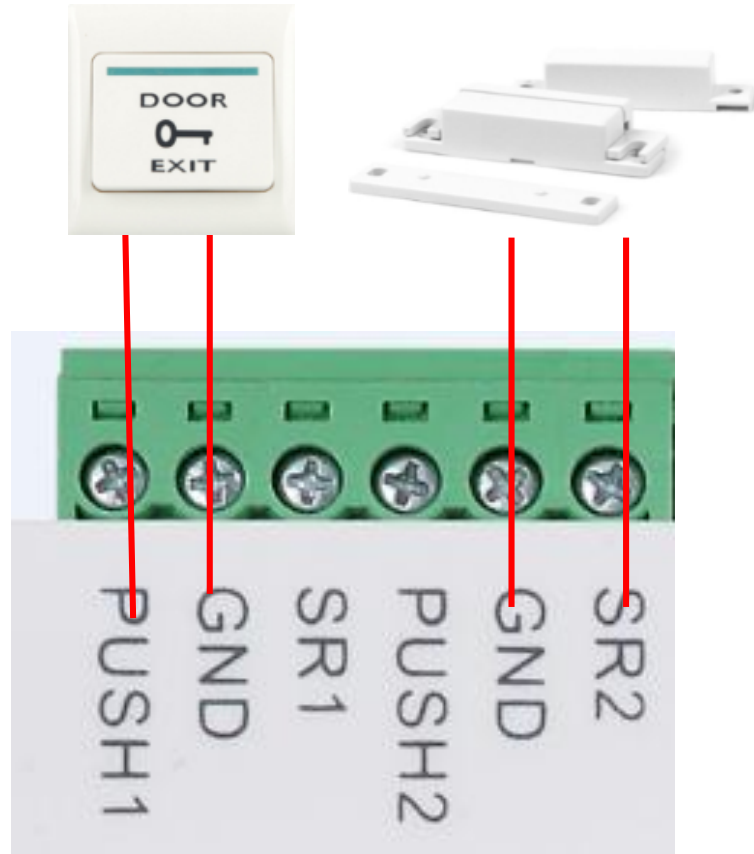
Door sensor feedback
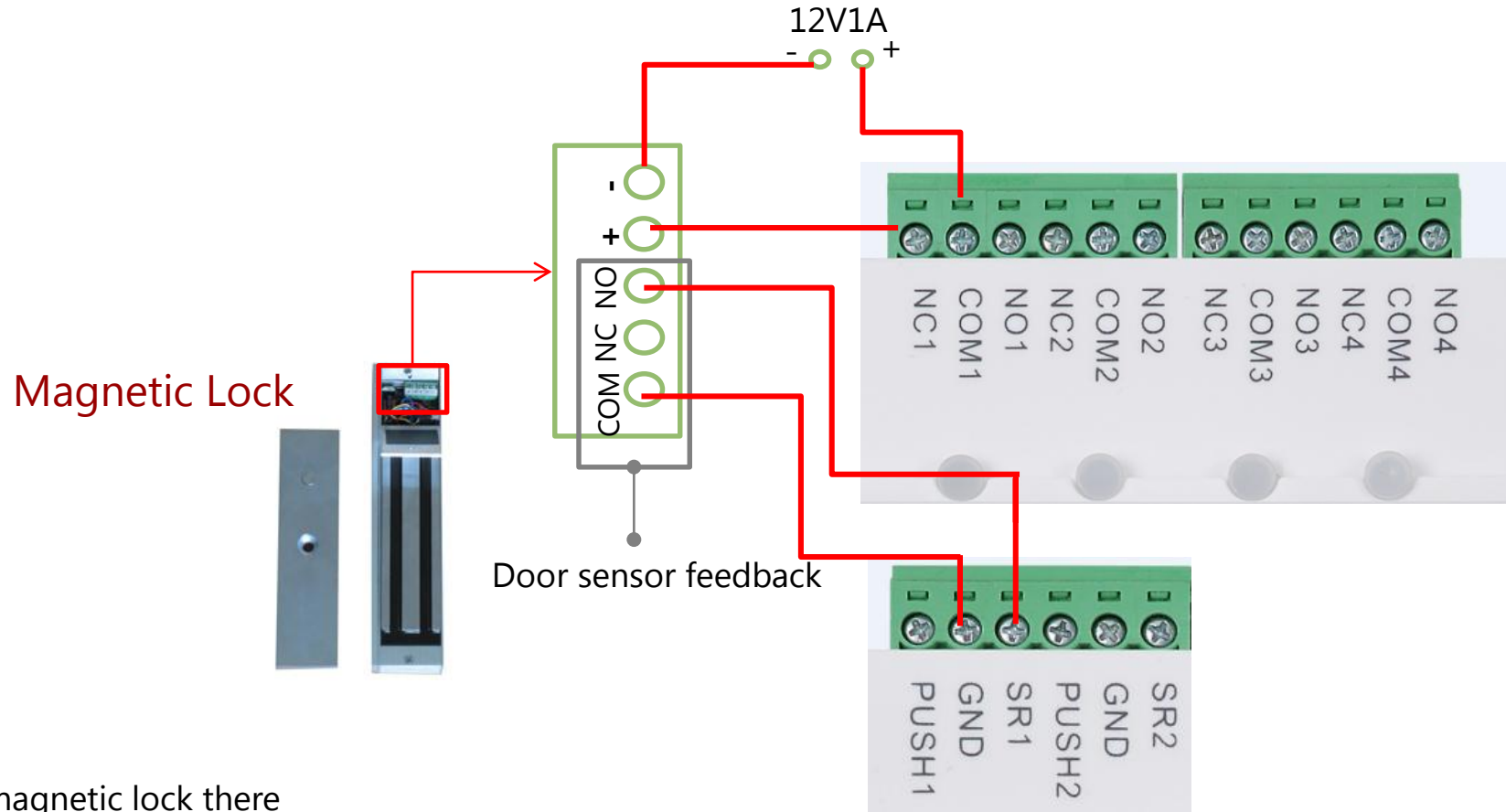
Usually，inside of magnetic lock there are interface of door sensor. In this case, another door sensor is not necessary in the system.
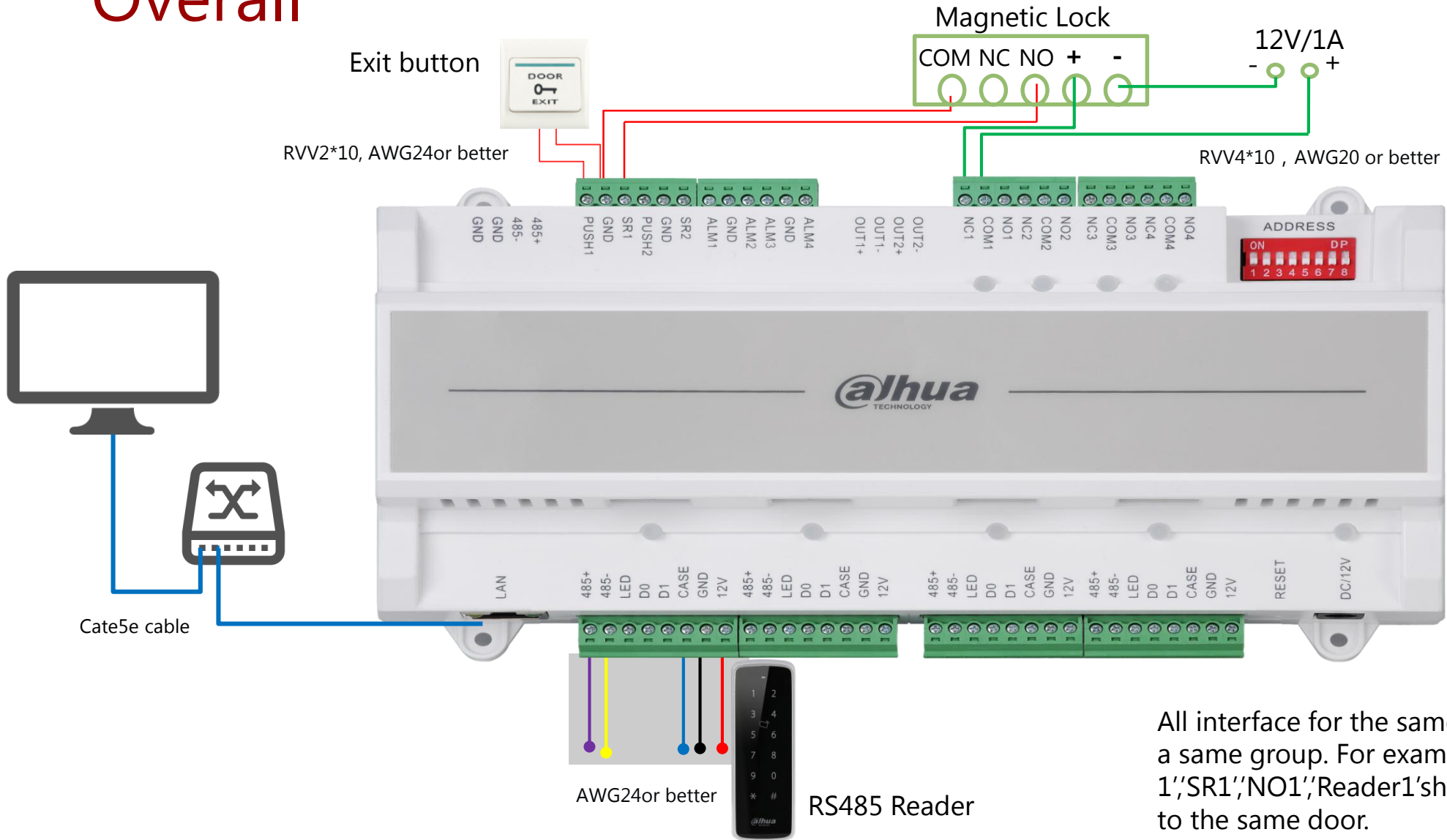
Reader

485 Reader

Wiegand Reader

Overall

Exit button

Magnetic Lock

COM NC NO + -

12V/1A
- +

RVV2*10, AWG24or better

RVV4*10，AWG20 or better

ADDRESS

GND GND GND 485- 485+ PUSH1 GND SR1 PUSH2 GND SR2 ALM1 GND ALM2 ALM3 GND ALM4 OUT1+ OUT1- OUT2+ OUT2- NC1 COM1 NO1 NC2 COM2 NO2 NC3 COM3 NO3 NC4 COM4 NO4

ON DP
1 2 3 4 5 6 7 8

LAN 485+ 485- LED D0 D1 CASE GND 12V 485+ 485- LED D0 D1 CASE GND 12V 485+ 485- LED D0 D1 CASE GND 12V 485+ 485- LED D0 D1 CASE GND 12V RESET DC/12V

Cate5e cable

AWG24or better

RS485 Reader

All interface for the same door should be in a same group. For example, 'PUSH 1','SR1','NO1','Reader1'should be connected to the same door.