

EV3 Lift Access Package

High Performance

SOYAL
**ACCESS CONTROL
SYSTEM**

Date: 12 Jan 2018, Revision: V6

General Description

Authorized floor for each user is programmed into the reader through its keypad or Soyaletegra software. Support up to 16000 cards and 16 floors (max 64 floors). Add AR401R016 to support additional 16 floors. Big LCD screen allows easier and more user friendly menu-based operation of the reader. Multiple EV3 can be linked together. Operator can specify when (time zone), which level and which elevator (door group) user can access.

User gets into the elevator car and flashes the card to the reader installed beside the floor buttons. User is only allowed to select floor that is authorized for his access. Building manager will be able to control, monitor and generate access log daily, monthly and yearly report from PC.

Application

Elevator Access Control System for Condominium for a better security to block entry of intruder. Building Offices to control employees on which floor employees can access, etc.

Ordering Information

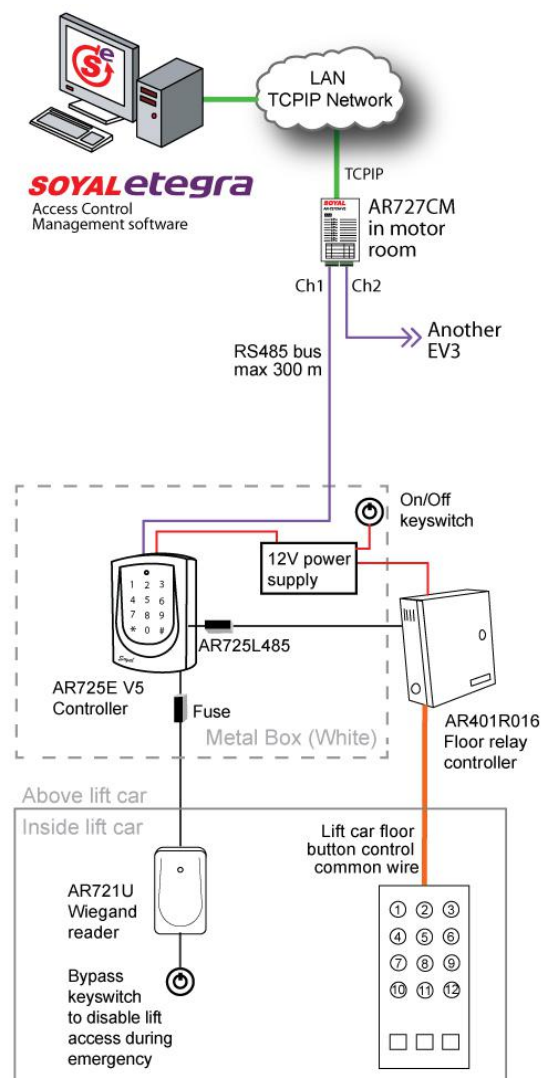
Ordering code: EV3

Qty	Parts
1 pcs	Soyal AR725E V2 lift controller
1 pcs	Soyal AR721U wiegand reader
1 pcs	Soyal AR401R016 floor relay controller
1 pcs	Soyal AR725L485 interface
1 pcs	Metal box with camp lock
2 pcs	Key switch (latch type) on/off
2 pcs	2.2K ohm resistor
2 pcs	120 ohm resistor
1 pcs	12V, 3A switching power supply
1 pcs	Relay

Upgrade ideas:

- Add AR727CM to connect to TCP/IP network with IP address for PC software management. Each AR727CM can support 2 set EV3.
- Add AR401R016 to support additional 16 floors. Each EV3 can support maximum 64 floors with 4 x AR401R016 .
- Use RS422 data cable with shielding for RS485 and Wiegand data running. CAT5 or CAT6 is not suitable for wiring inside lift.
- Use Soyaletegra Pro Basic (SEPB) for multiple EV3 over TCP/IP LAN network.

**Please consult our technical specialist for more information on proper wiring to ensure no data loss over long distance.



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